

# University of Georgia

|                                                       |  |                               |  |
|-------------------------------------------------------|--|-------------------------------|--|
| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |  |                               |  |
| Trial ID: PE-12-22                                    |  | Study Dir.: S.TAYLOR/         |  |
| Location: PONDER FARM                                 |  | Investigator: Eric P. Prostko |  |

Reps: 3

Plots: 6 by 25 feet

Mix Size: 1.5 L

| Trt No. | Treatment Name | Form Conc | Form Type | Rate       | Grow Unit | Stg | Appl Code | Appl. Amount | Amt Product to Measure | Diluent   | Rep 1 | 2   | 3   |
|---------|----------------|-----------|-----------|------------|-----------|-----|-----------|--------------|------------------------|-----------|-------|-----|-----|
| 1       | NTC            |           |           |            |           |     |           |              |                        | -         | 101   | 210 | 305 |
| 2       | SONALAN HFP    | 4         | EC        | 24.0 oz/a  | PRE       | A   | 15        | GPA          | 18.75 mL/mx            | 1471.9 mL | 102   | 211 | 308 |
|         | VALOR EZ       | 4         | SC        | 3.0 oz/a   | PRE       | A   | 15        | GPA          | 2.344 mL/mx            |           |       |     |     |
|         | STRONGARM      | 84        | WG        | 0.225 oz/a | PRE       | A   | 15        | GPA          | 0.1685 g/mx            |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 3       | SONALAN HFP    | 4         | EC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 103   | 201 | 312 |
|         | VALOR EZ       | 4         | SC        | 3.0 oz/a   | PRE       | A   | 15        | GPA          | 2.344 mL/mx            |           |       |     |     |
|         | STRONGARM      | 84        | WG        | 0.225 oz/a | PRE       | A   | 15        | GPA          | 0.1685 g/mx            |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 4       | PROWL H2O      | 3.8       | SC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 104   | 207 | 309 |
|         | VALOR EZ       | 4         | SC        | 3.0 oz/a   | PRE       | A   | 15        | GPA          | 2.344 mL/mx            |           |       |     |     |
|         | STRONGARM      | 84        | WG        | 0.225 oz/a | PRE       | A   | 15        | GPA          | 0.1685 g/mx            |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 5       | SONALAN HFP    | 4         | EC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 105   | 209 | 310 |
|         | GRAMOXONE      | 2         | SL        | 12.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 9.375 mL/mx            |           |       |     |     |
|         | STORM          | 4         | SL        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | LPOST     | D   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | LPOST     | D   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 6       | PROWL H2O      | 3.8       | SC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 106   | 205 | 307 |
|         | GRAMOXONE      | 2         | SL        | 12.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 9.375 mL/mx            |           |       |     |     |
|         | STORM          | 4         | SL        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | LPOST     | D   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | LPOST     | D   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 7       | PROWL H2O      | 3.8       | SC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 107   | 212 | 301 |
|         | GRAMOXONE      | 2         | SL        | 12.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 9.375 mL/mx            |           |       |     |     |
|         | STORM          | 4         | SL        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | EPOST     | B   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | LPOST     | D   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | LPOST     | D   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
| 8       | SONALAN HFP    | 4         | EC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 108   | 203 | 302 |
|         | CAPAROL        | 4         | L         | 24.0 oz/a  | PRE       | A   | 15        | GPA          | 18.75 mL/mx            |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         |                |           |           |            |           |     |           |              |                        |           |       |     |     |
| 9       | SONALAN HFP    | 4         | EC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 109   | 206 | 303 |
|         | CAPAROL        | 4         | L         | 48.0 oz/a  | PRE       | A   | 15        | GPA          | 37.5 mL/mx             |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         |                |           |           |            |           |     |           |              |                        |           |       |     |     |
| 10      | SONALAN HFP    | 4         | EC        | 32.0 oz/a  | PRE       | A   | 15        | GPA          | 25.0 mL/mx             | 1471.9 mL | 110   | 204 | 311 |
|         | CAPAROL        | 4         | L         | 24.0 oz/a  | PRE       | A   | 15        | GPA          | 18.75 mL/mx            |           |       |     |     |
|         | STRONGARM      | 84        | WG        | 0.225 oz/a | PRE       | A   | 15        | GPA          | 0.1685 g/mx            |           |       |     |     |
|         | CADRE          | 2         | AS        | 4.0 oz/a   | POST      | C   | 15        | GAL/AC       | 3.125 mL/mx            |           |       |     |     |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a  | POST      | C   | 15        | GAL/AC       | 12.5 mL/mx             |           |       |     |     |

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## WEED CONTROL IN PEANUTS WITH PROWL/SONALAN/CAPAROL

Trial ID: PE-12-22 Study Dir.: S.TAYLOR/  
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3

Plots: 6 by 25 feet  
Mix Size: 1.5 L

| Trt No. | Treatment Name | Form Conc | Form Type | Rate      | Grow Unit | Stg | Appl Code | Appl. Amount | Amt Product to Measure | Diluent   | Rep 1 | Rep 2 | Rep 3 |
|---------|----------------|-----------|-----------|-----------|-----------|-----|-----------|--------------|------------------------|-----------|-------|-------|-------|
| 11      | SONALAN HFP    | 4         | EC        | 32.0 oz/a | PRE       | A   | A         | 15 GPA       | 25.0 mL/mx             | 1446.9 mL | 111   | 202   | 306   |
|         | CAPAROL        | 4         | L         | 24.0 oz/a | PRE       | A   | A         | 15 GPA       | 18.75 mL/mx            |           |       |       |       |
|         | BRAKE          | 1.2       | SL        | 12.0 oz/a | PRE       | A   | A         | 15 GPA       | 9.375 mL/mx            |           |       |       |       |
|         | CADRE          | 2         | AS        | 4.0 oz/a  | POST      | C   | C         | 15 GAL/AC    | 3.125 mL/mx            |           |       |       |       |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a | POST      | C   | C         | 15 GAL/AC    | 12.5 mL/mx             |           |       |       |       |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a | POST      | C   | C         | 15 GAL/AC    | 12.5 mL/mx             |           |       |       |       |
| 12      | SONALAN HFP    | 4         | EC        | 32.0 oz/a | PRE       | A   | A         | 15 GPA       | 25.0 mL/mx             | 1455.5 mL | 112   | 208   | 304   |
|         | CAPAROL        | 4         | L         | 24.0 oz/a | PRE       | A   | A         | 15 GPA       | 18.75 mL/mx            |           |       |       |       |
|         | VULCARUS       | 4.17      | SC        | 1.0 oz/a  | PRE       | A   | A         | 15 GPA       | 0.7812 mL/mx           |           |       |       |       |
|         | CADRE          | 2         | AS        | 4.0 oz/a  | POST      | C   | C         | 15 GAL/AC    | 3.125 mL/mx            |           |       |       |       |
|         | 2,4-DB         | 2         | SL        | 16.0 oz/a | POST      | C   | C         | 15 GAL/AC    | 12.5 mL/mx             |           |       |       |       |
|         | DUAL MAGNUM    | 7.62      | EC        | 16.0 oz/a | POST      | C   | C         | 15 GAL/AC    | 12.5 mL/mx             |           |       |       |       |

Sort Order: Treatment

### Trial Comments

ROUNDUP P-MAX 3 @ 32 OZ/A AT PLANTING

DIGGING DATE: 09/15/22 (142 DAYS)

HARVEST DATE: 09/19/22

HARVEST MOISTURE: 15.7%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

### SUMMARY:

1) PRE APPLICATIONS OF SONALAN AND PROWL WERE NOT EFFECT ON WILD RADISH.

2) PRE APPLICATIONS OF CAPAROL WERE LESS INJURIOUS THAN VALOR + STRONGARM STANDARD.

3) PRE APPLICATIONS OF SONALAN + CAPAROL WERE LESS EFFECTIVE ON WILD RADISH THAN SONALAN + VALOR + STRONGARM. BUT, WEED CONTROL WITH SONALAN + CAPAROL + STRONGARM WAS SIMILAR TO SONALAN + VALOR + STRONGARM.

4) AFTER ALL POST APPLICATIONS WERE MADE, WILD RADISH CONTROL WAS 100% WITH ALL TREATMENTS.

5) RATINGS OBTAINED ON AUGUST 8 (103 DAP), INDICATED THE FOLLOWING:

A) PALMER AMARANTH CONTROL EXCEEDED 92% WITH ALL TREATMENTS EXCEPT THE FOLLOWING:

SONALAN + CAPAROL (24 OZ/A) FB CADRE + 2,4-DB + DUAL MAGNUM = 80% CONTROL

SONALAN + CAPAROL (32 OZ/A) FB CADRE + 2,4-DB + DUAL MAGNUM = 85% CONTROL

SONALAN + CAPAROL (32 OZ/A) + BRAKE FB CADRE + 2,4-DB + DUAL MAGNUM = 81% CONTROL

B) ANNUAL GRASS CONTROL EXCEEDED 91% WITH ALL TREATMENTS.

6) ALL TREATMENTS RESULTED IN HIGHER YIELDS THAN THE NTC. NO DIFFERENCES IN YIELD BETWEEN SIMILAR SONALAN AND PROWL TREATMENTS. YIELDS FROM SONALAN + CAPAROL (24 OZ/A) FB CADRE + 2,4-DB + DUAL MAGNUM AND SONALAN + CAPAROL (24 OZ/A) + BRAKE FB CADRE + 2,4-DB + DUAL MAGNUM WERE LOWER THAN 3 OTHER TREATMENTS.

# University of Georgia

## WEED CONTROL IN PEANUTS WITH

PROWL/SONALAN/CAPAROL

Trial ID: PE-12-22 Study Dir.: S.TAYLOR/  
 Location: PONDER FARM Investigator: Eric P. Prostko

### GENERAL TRIAL INFORMATION

Study Director: S.TAYLOR/

Title: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Investigator: Eric P. Prostko

Title: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Postal Code: \_\_\_\_\_

### TRIAL LOCATION

City: \_\_\_\_\_

State/Prov.: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

E-Longitude of LL Corner °: \_\_\_\_\_

Altitude of LL Corner: \_\_\_\_\_ Unit: \_\_\_\_\_

Directions: \_\_\_\_\_

Trial Status: E

Trial Reliability: \_\_\_\_\_

Initiation Date: \_\_\_\_\_

Planned Completion Date: \_\_\_\_\_

N-Latitude of LL Corner °: \_\_\_\_\_

Angle y-axis to North °: \_\_\_\_\_

### COOPERATOR/LANDOWNER

Cooperator: \_\_\_\_\_

Org: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_

State/Prov.: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Phone No: \_\_\_\_\_

Fax No: \_\_\_\_\_

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

Guidelines: \_\_\_\_\_

Guideline Description: \_\_\_\_\_

Objective: \_\_\_\_\_

Conclusions: \_\_\_\_\_

### CROP AND WEED DESCRIPTION

| Weed | Code   | Common Name | Scientific Name     |
|------|--------|-------------|---------------------|
| 1.   | AMAPA  | PA          | LMER AMARANTH       |
| 2.   | AGRASS | TX          | PAN/GOOSE/CRAB/CROW |
| 3.   | RAPRA  | WI          | LD RADISH           |

Crop 1: ARAHY PEANUT

Variety: GA-16HO

Planting Date: Apr-27-22

Planting Method: \_\_\_\_\_

Rate: 3.1 SEED/T

Depth: 2 IN

Perennial Age: \_\_\_\_\_

Row Spacing: \_\_\_\_\_

Spacing Within Row: \_\_\_\_\_

Seed Bed: \_\_\_\_\_

Soil Temperature: \_\_\_\_\_

Soil Moisture: \_\_\_\_\_

Emergence Date: \_\_\_\_\_

### SITE AND DESIGN

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT Reps: 3

Site Type: \_\_\_\_\_

Tillage Type: CONVENTIONAL

Study Design: RACOB

Trial Initiation Comments: \_\_\_\_\_

|    | Previous Crops | Previous Pesticides | Year |
|----|----------------|---------------------|------|
| 1. | FIELD CORN     |                     | 2022 |

### MAINTENANCE

Field Prep./Maintenance: 1.5 TONS/A LIME - PREPLANT

300 LBS/A 5-15-30 - PREPLANT

RANCONA VPD SEED TRT

THIMET 20G INFR @ 5 LBS/A

36"-9" TWIN ROWS

1000 LBS/A GYPSUM

# University of Georgia

## WEED CONTROL IN PEANUTS WITH

PROWL/SONALAN/CAPAROL

Trial ID: PE-12-22

Study Dir.: S.TAYLOR/

Location: PONDER FARM Investigator: Eric P. Prostko

| No. | Date | Maintenance Treatment Name | Form Conc | Form Unit | Form Type | Rate | Rate Unit |
|-----|------|----------------------------|-----------|-----------|-----------|------|-----------|
| 1.  |      |                            |           |           |           |      |           |

### SOIL DESCRIPTION

% Sand: 94 % OM: 0.61 Texture: SAND  
 % Silt: 4 pH: 6.0 Soil Name: TIFTON  
 % Clay: 2 CEC: 2.6 Fert. Level: GOOD

### ADDITIONAL MEASURED ELEMENTS

| Element | Quantity | Unit |
|---------|----------|------|
|         |          |      |

### MOISTURE CONDITIONS

|     | Date      | Time | Amount | Unit | Type                     | Interval | Unit |
|-----|-----------|------|--------|------|--------------------------|----------|------|
| 1.  | Apr-28-22 |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 2.  | May-2-22  |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 3.  | May-3-22  |      | 0.3    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 4.  | May-6-22  |      | 0.45   | IN   | RAINFALL                 |          |      |
| 5.  | May-10-22 |      | 0.38   | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 6.  | May-17-22 |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 7.  | May-24-22 | 4 PM | 1.8    | IN   | RAINFALL                 |          |      |
| 8.  | Jun-1-22  |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 9.  | Jun-3-22  |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 10. | Jul-7-22  |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 11. |           |      |        |      |                          |          |      |

Overall Moisture Conditions:

Closest Weather Station: \_\_\_\_\_ Distance: \_\_\_\_\_ Unit: \_\_\_\_\_

### APPLICATION DESCRIPTION

|                      | A         | B         | C         | D         |
|----------------------|-----------|-----------|-----------|-----------|
| Application Date:    | Apr-28-22 | May-11-22 | May-24-22 | May-31-22 |
| Time of Day:         | 8:00 AM   | 6:30 AM   | 8:00 AM   | 6:36 AM   |
| Application Method:  | BROADCAST | BROADCAST | BROADCAST | BROADCAST |
| Application Timing:  | PRE       | EPOST     | POST      | LPOST     |
| Applic. Placement:   | SOIL      | FOLIAGE   | FOLIAGE   | FOLIAGE   |
| Air Temp., Unit:     | 60 F      | 58 F      | 71 F      | 69 F      |
| % Relative Humidity: | 88        | 71        | 94        | 95        |
| Wind Velocity, Unit: | 1 MPH     | 1 MPH     | 1 MPH     | 1 MPH     |
| Dew Presence (Y/N):  | N         | Y         | Y         | Y         |
| Water Hardness:      | --        | --        | --        | --        |
| Soil Temp., Unit:    | 68 F      | 60 F      | 70 F      | 76 F      |
| Soil Moisture:       | OPTIMUM   | OPTIMM    | OPTIMUM   | OPTIMUM   |
| % Cloud Cover:       | 0         | 0         | 75        | 100       |

### CROP STAGE AT EACH APPLICATION

|                     | A      | B      | C      | D      |
|---------------------|--------|--------|--------|--------|
| Crop 1 Code, Stage: | ARAHY, | ARAHY, | ARAHY, | ARAHY, |
| Stage Scale:        |        | V4     | V6-V7  | R1     |
| Height, Unit:       |        | 2, IN  | 4, IN  | 4, IN  |

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## WEED CONTROL IN PEANUTS WITH

### PROWL/SONALAN/CAPAROL

Trial ID: PE-12-22

Study Dir.: S.TAYLOR/

Location: PONDER FARM Investigator: Eric P. Prostko

#### WEED STAGE AT EACH APPLICATION

|                     | A      | B         | C      | D      |
|---------------------|--------|-----------|--------|--------|
| Weed 1 Code, Stage: | AMAPA, | AMAPA,    | AMAPA, | AMAPA, |
| Stage Scale:        |        |           | 1-6"   |        |
| Density, Unit:      |        |           |        |        |
| Weed 2 Code, Stage: | AGRAS, | AGRAS,    | AGRAS, | AGRAS, |
| Stage Scale:        |        | 1-2"; 2-3 | 1-3"   | 2-4"   |
| Density, Unit:      |        |           |        |        |
| Weed 3 Code, Stage: | RAPRA, | RAPRA,    | RAPRA, | RAPRA, |
| Stage Scale:        |        | 1"; C-1LF | 1-4"   | 1-3"   |
| Density, Unit:      |        |           |        |        |

#### APPLICATION EQUIPMENT

|                       | A        | B        | C        | D        |
|-----------------------|----------|----------|----------|----------|
| Appl. Equipment:      | BACKPACK | BACKPACK | BACKPACK | BACKPACK |
| Operating Pressure:   | 35       | SAME     | SAME     | SAME     |
| Nozzle Type:          | AIXR     |          |          |          |
| Nozzle Size:          | 11002    |          |          |          |
| Nozzle Spacing, Unit: | 20 IN    |          |          |          |
| Nozzles/Row:          |          |          |          |          |
| Band Width, Unit:     |          |          |          |          |
| Boom Length, Unit:    | 60 IN    |          |          |          |
| Boom Height, Unit:    | 20 IN    |          |          |          |
| Ground Speed, Unit:   | 3.5 MPH  |          |          |          |
| Incorporation Equip.: |          |          |          |          |
| Hours to Incorp.:     |          |          |          |          |
| Incorp. Depth, Unit:  |          |          |          |          |
| Carrier:              | WATER    |          |          |          |
| Spray Volume, Unit:   | 15 GPA   |          |          |          |
| Spray pH:             |          |          |          |          |
| Propellant:           | CO2      |          |          |          |
| Tank Mix (Y/N):       |          |          |          |          |

| Trt No | Treatment Application Comment |
|--------|-------------------------------|
|        |                               |

|  |  |
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|  |  |
|--|--|

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |                |           |                               |            |           |          |               |               |               |                |                                           |               |         |
|----------------------------------------------------------------------------------------|----------------|-----------|-------------------------------|------------|-----------|----------|---------------|---------------|---------------|----------------|-------------------------------------------|---------------|---------|
| Trial ID: PE-12-22                                                                     |                |           | Study Dir.: S.TAYLOR/         |            |           |          |               |               |               |                |                                           |               |         |
| Location: PONDER FARM                                                                  |                |           | Investigator: Eric P. Prostko |            |           |          |               |               |               |                |                                           |               |         |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |                |           |                               |            |           |          | ----<br>Arahy | Amapa<br>---- | Rapra<br>---- | Agrass<br>---- | ----<br>Arahy<br>Leaf, -<br>Necrosis<br>% | Amapa<br>---- |         |
|                                                                                        |                |           |                               |            |           |          | Stunting<br>% | Control<br>%  | Control<br>%  | Control<br>%   |                                           | Control<br>%  |         |
|                                                                                        |                |           |                               |            |           |          | May-10-22     | May-10-22     | May-10-22     | May-10-22      | May-20-22                                 | May-20-22     |         |
| Trt No.                                                                                | Treatment Name | Form Conc | Form Type                     | Rate       | Grow Unit | Appl Stg | Code          | 1             | 2             | 3              | 4                                         | 5             | 6       |
| 1                                                                                      | NTC            |           |                               |            |           |          |               | 0.0 c         | 0.0 c         | 0.0 d          | 0.0 e                                     | 0.0 b         | 0.0 e   |
| 2                                                                                      | SONALAN HFP    | 4 EC      |                               | 24.0 oz/a  | PRE       | A        |               | 16.7 a        | 99.0 a        | 99.0 a         | 97.7 ab                                   | 0.0 b         | 100.0 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
| 3                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |               | 13.3 a        | 99.0 a        | 99.0 a         | 99.0 a                                    | 0.0 b         | 100.0 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
| 4                                                                                      | PROWL H20      | 3.8 SC    |                               | 32.0 oz/a  | PRE       | A        |               | 13.3 a        | 99.0 a        | 99.0 a         | 96.3 abc                                  | 0.0 b         | 100.0 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
| 5                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |               | 1.7 bc        | 99.0 a        | 55.0 c         | 90.0 d                                    | 10.0 a        | 100.0 a |
|                                                                                        | GRAMOXONE      | 2 SL      |                               | 12.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | STORM          | 4 SL      |                               | 16.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | LPOST     | D        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | LPOST     | D        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | LPOST     | D        |               |               |               |                |                                           |               |         |
| 6                                                                                      | PROWL H20      | 3.8 SC    |                               | 32.0 oz/a  | PRE       | A        |               | 1.7 bc        | 99.0 a        | 55.0 c         | 94.7 bc                                   | 10.0 a        | 100.0 a |
|                                                                                        | GRAMOXONE      | 2 SL      |                               | 12.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | STORM          | 4 SL      |                               | 16.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | EPOST     | B        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | LPOST     | D        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | LPOST     | D        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | LPOST     | D        |               |               |               |                |                                           |               |         |
| 7                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |               | 0.0 c         | 97.7 b        | 93.0 ab        | 94.7 bc                                   | 0.0 b         | 93.3 cd |
|                                                                                        | CAPAROL        | 4 L       |                               | 24.0 oz/a  | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
| 8                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |               | 1.7 bc        | 99.0 a        | 89.7 b         | 95.0 bc                                   | 0.0 b         | 96.3 bc |
|                                                                                        | CAPAROL        | 4 L       |                               | 32.0 oz/a  | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
| 9                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |               | 3.3 bc        | 99.0 a        | 99.0 a         | 99.0 a                                    | 0.0 b         | 98.3 ab |
|                                                                                        | CAPAROL        | 4 L       |                               | 48.0 oz/a  | PRE       | A        |               |               |               |                |                                           |               |         |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |               |               |               |                |                                           |               |         |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                                     |                |           |           |            |          |           |               |               |               |                |                                      |               |
|-----------------------------------------------------------------------------------------------------------|----------------|-----------|-----------|------------|----------|-----------|---------------|---------------|---------------|----------------|--------------------------------------|---------------|
| Trial ID: PE-12-22      Study Dir.: S.TAYLOR/<br>Location: PONDER FARM      Investigator: Eric P. Prostko |                |           |           |            |          |           |               |               |               |                |                                      |               |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date                    |                |           |           |            |          |           | ----<br>Arahy | Amapa<br>---- | Rapra<br>---- | Agrass<br>---- | ----<br>Arahy<br>Leaf, -<br>Necrosis | Amapa<br>---- |
|                                                                                                           |                |           |           |            |          |           | Stunting<br>% | Control<br>%  | Control<br>%  | Control<br>%   | Necrosis<br>%                        | Control<br>%  |
|                                                                                                           |                |           |           |            |          |           | May-10-22     | May-10-22     | May-10-22     | May-10-22      | May-20-22                            | May-20-22     |
| Trt No.                                                                                                   | Treatment Name | Form Conc | Form Type | Rate       | Grow Stg | Appl Code | 1             | 2             | 3             | 4              | 5                                    | 6             |
| 10                                                                                                        | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE      | A         | 5.0 b         | 99.0 a        | 99.0 a        | 93.3 cd        | 0.0 b                                | 96.7 abc      |
|                                                                                                           | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | STRONGARM      | 84 WG     |           | 0.225 oz/a | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | CADRE          | 2 AS      |           | 4.0 oz/a   | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
| 11                                                                                                        | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE      | A         | 1.7 bc        | 99.0 a        | 97.7 a        | 96.3 abc       | 0.0 b                                | 90.0 d        |
|                                                                                                           | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | BRAKE          | 1.2 SL    |           | 12.0 oz/a  | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | CADRE          | 2 AS      |           | 4.0 oz/a   | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
| 12                                                                                                        | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE      | A         | 3.3 bc        | 99.0 a        | 99.0 a        | 99.0 a         | 0.0 b                                | 100.0 a       |
|                                                                                                           | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | VULCARUS       | 4.17 SC   |           | 1.0 oz/a   | PRE      | A         |               |               |               |                |                                      |               |
|                                                                                                           | CADRE          | 2 AS      |           | 4.0 oz/a   | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
|                                                                                                           | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST     | C         |               |               |               |                |                                      |               |
| LSD P=.10                                                                                                 |                |           |           |            |          |           | 3.43          | 0.93          | 6.81          | 3.71           | .                                    | 3.44          |
| Standard Deviation                                                                                        |                |           |           |            |          |           | 2.45          | 0.67          | 4.85          | 2.65           | 0.00                                 | 2.45          |
| CV                                                                                                        |                |           |           |            |          |           | 47.66         | 0.74          | 5.92          | 3.01           | 0.0                                  | 2.74          |
| Grand Mean                                                                                                |                |           |           |            |          |           | 5.14          | 90.64         | 82.03         | 87.92          | 1.67                                 | 89.56         |
| Bartlett's X2^                                                                                            |                |           |           |            |          |           | 9.101         | 40.623        | 29.337        | 12.33          | .                                    | 16.328        |
| P(Bartlett's X2)                                                                                          |                |           |           |            |          |           | 0.613         | 0.00*         | 0.002*        | 0.339          | .                                    | 0.129         |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).  
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.  
Missing data estimates are included in columns: Average=25,26,27  
Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.  
^Calculated from residual.

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| WEED CONTROL IN PEANUTS WITH PROWL/SONALAN/CAPAROL                                     |                |           |                               |            |           |          |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|----------------------------------------------------------------------------------------|----------------|-----------|-------------------------------|------------|-----------|----------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------|------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|-------|
| Trial ID: PE-12-22                                                                     |                |           | Study Dir.: S.TAYLOR/         |            |           |          |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| Location: PONDER FARM                                                                  |                |           | Investigator: Eric P. Prostko |            |           |          |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |                |           |                               |            |           |          | Rapra<br>-----<br><br>Control<br>%<br>May-20-22 | Agrass<br>-----<br><br>Control<br>%<br>May-20-22 | Amapa<br>-----<br><br>Control<br>%<br>May-31-22 | Rapra<br>----<br><br>Control<br>%<br>May-31-22 | Agrass<br>-----<br><br>Control<br>%<br>May-31-22 | -----<br>ARAHY<br>PLANT, -<br>STUNTING<br>%<br>Jun-6-22 |       |
| Trt No.                                                                                | Treatment Name | Form Conc | Form Type                     | Rate       | Grow Unit | Appl Stg | Code                                            | 7                                                | 8                                               | 9                                              | 10                                               | 11                                                      | 12    |
| 1                                                                                      | NTC            |           |                               |            |           |          |                                                 | 0.0 e                                            | 0.0 g                                           | 0.0 d                                          | 0.0 e                                            | 0.0 d                                                   | 0.0 b |
| 2                                                                                      | SONALAN HFP    | 4 EC      |                               | 24.0 oz/a  | PRE       | A        |                                                 | 100.0 a                                          | 80.0 de                                         | 99.0 a                                         | 99.0 a                                           | 88.3 abc                                                | 3.3 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 3                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |                                                 | 100.0 a                                          | 90.0 bc                                         | 99.0 a                                         | 99.0 a                                           | 91.7 ab                                                 | 5.0 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 4                                                                                      | PROWL H20      | 3.8 SC    |                               | 32.0 oz/a  | PRE       | A        |                                                 | 100.0 a                                          | 78.3 de                                         | 99.0 a                                         | 99.0 a                                           | 90.0 abc                                                | 5.0 a |
|                                                                                        | VALOR EZ       | 4 SC      |                               | 3.0 oz/a   | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 5                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |                                                 | 98.3 a                                           | 98.3 a                                          | 99.0 a                                         | 97.7 ab                                          | 90.0 abc                                                | 0.0 b |
|                                                                                        | GRAMOXONE      | 2 SL      |                               | 12.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | STORM          | 4 SL      |                               | 16.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 6                                                                                      | PROWL H20      | 3.8 SC    |                               | 32.0 oz/a  | PRE       | A        |                                                 | 100.0 a                                          | 95.0 ab                                         | 99.0 a                                         | 99.0 a                                           | 93.0 a                                                  | 0.0 b |
|                                                                                        | GRAMOXONE      | 2 SL      |                               | 12.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | STORM          | 4 SL      |                               | 16.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | EPOST     | B        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | LPOST     | D        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 7                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |                                                 | 30.0 d                                           | 83.3 cd                                         | 91.3 c                                         | 90.0 d                                           | 91.7 ab                                                 | 0.0 b |
|                                                                                        | CAPAROL        | 4 L       |                               | 24.0 oz/a  | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 8                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |                                                 | 36.7 cd                                          | 70.0 f                                          | 95.0 bc                                        | 94.7 bc                                          | 83.3 c                                                  | 0.0 b |
|                                                                                        | CAPAROL        | 4 L       |                               | 32.0 oz/a  | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
| 9                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A        |                                                 | 43.3 c                                           | 83.3 cd                                         | 99.0 a                                         | 93.0 cd                                          | 91.7 ab                                                 | 0.0 b |
|                                                                                        | CAPAROL        | 4 L       |                               | 48.0 oz/a  | PRE       | A        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C        |                                                 |                                                  |                                                 |                                                |                                                  |                                                         |       |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

# University of Georgia

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |             |         |                               |            |      |      |           |           |           |           |           |          |
|-------------------------------------------------------|-------------|---------|-------------------------------|------------|------|------|-----------|-----------|-----------|-----------|-----------|----------|
| Trial ID: PE-12-22                                    |             |         | Study Dir.: S.TAYLOR/         |            |      |      |           |           |           |           |           |          |
| Location: PONDER FARM                                 |             |         | Investigator: Eric P. Prostko |            |      |      |           |           |           |           |           |          |
| Weed Code                                             |             |         |                               |            |      |      | Rapra     | Agrass    | Amapa     | Rapra     | Agrass    | -----    |
| Crop Code                                             |             |         |                               |            |      |      | ----      | ----      | ----      | ---       | ----      | ARAHY    |
| Part Rated                                            |             |         |                               |            |      |      |           |           |           |           |           | PLANT, - |
| Rating Data Type                                      |             |         |                               |            |      |      | Control   | Control   | Control   | Control   | Control   | STUNTING |
| Rating Unit                                           |             |         |                               |            |      |      | %         | %         | %         | %         | %         | %        |
| Rating Date                                           |             |         |                               |            |      |      | May-20-22 | May-20-22 | May-31-22 | May-31-22 | May-31-22 | Jun-6-22 |
| Trt                                                   | Treatment   | Form    | Form                          | Rate       | Grow | Appl | 7         | 8         | 9         | 10        | 11        | 12       |
| No.                                                   | Name        | Conc    | Type                          | Unit       | Stg  | Code |           |           |           |           |           |          |
| 10                                                    | SONALAN HFP | 4 EC    |                               | 32.0 oz/a  | PRE  | A    | 100.0 a   | 76.7 def  | 97.7 ab   | 99.0 a    | 90.0 abc  | 0.0 b    |
|                                                       | CAPAROL     | 4 L     |                               | 24.0 oz/a  | PRE  | A    |           |           |           |           |           |          |
|                                                       | STRONGARM   | 84 WG   |                               | 0.225 oz/a | PRE  | A    |           |           |           |           |           |          |
|                                                       | CADRE       | 2 AS    |                               | 4.0 oz/a   | POST | C    |           |           |           |           |           |          |
|                                                       | 2,4-DB      | 2 SL    |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
|                                                       | DUAL MAGNUM | 7.62 EC |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
| 11                                                    | SONALAN HFP | 4 EC    |                               | 32.0 oz/a  | PRE  | A    | 90.0 b    | 80.0 de   | 93.0 c    | 94.7 bc   | 85.0 bc   | 0.0 b    |
|                                                       | CAPAROL     | 4 L     |                               | 24.0 oz/a  | PRE  | A    |           |           |           |           |           |          |
|                                                       | BRAKE       | 1.2 SL  |                               | 12.0 oz/a  | PRE  | A    |           |           |           |           |           |          |
|                                                       | CADRE       | 2 AS    |                               | 4.0 oz/a   | POST | C    |           |           |           |           |           |          |
|                                                       | 2,4-DB      | 2 SL    |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
|                                                       | DUAL MAGNUM | 7.62 EC |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
| 12                                                    | SONALAN HFP | 4 EC    |                               | 32.0 oz/a  | PRE  | A    | 95.0 ab   | 73.3 ef   | 99.0 a    | 99.0 a    | 88.3 abc  | 0.0 b    |
|                                                       | CAPAROL     | 4 L     |                               | 24.0 oz/a  | PRE  | A    |           |           |           |           |           |          |
|                                                       | VULCARUS    | 4.17 SC |                               | 1.0 oz/a   | PRE  | A    |           |           |           |           |           |          |
|                                                       | CADRE       | 2 AS    |                               | 4.0 oz/a   | POST | C    |           |           |           |           |           |          |
|                                                       | 2,4-DB      | 2 SL    |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
|                                                       | DUAL MAGNUM | 7.62 EC |                               | 16.0 oz/a  | POST | C    |           |           |           |           |           |          |
| LSD P=.10                                             |             |         |                               |            |      |      | 6.79      | 7.88      | 3.83      | 3.41      | 7.09      | 2.84     |
| Standard Deviation                                    |             |         |                               |            |      |      | 4.84      | 5.62      | 2.73      | 2.43      | 5.05      | 2.03     |
| CV                                                    |             |         |                               |            |      |      | 6.5       | 7.42      | 3.06      | 2.74      | 6.17      | 182.31   |
| Grand Mean                                            |             |         |                               |            |      |      | 74.44     | 75.69     | 89.17     | 88.67     | 81.92     | 1.11     |
| Bartlett's X2^                                        |             |         |                               |            |      |      | 20.655    | 10.399    | 70.004    | 21.728    | 8.545     | 13.864   |
| P(Bartlett's X2)                                      |             |         |                               |            |      |      | 0.037*    | 0.495     | 0.00*     | 0.027*    | 0.664     | 0.241    |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

# University of Georgia

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |                              |           |                                                                              |       |        |         |         |         |         |  |
|-------------------------------------------------------|------------------------------|-----------|------------------------------------------------------------------------------|-------|--------|---------|---------|---------|---------|--|
| Trial ID: PE-12-22                                    |                              |           | Study Dir.: S.TAYLOR/<br>Location: PONDER FARM Investigator: Eric P. Prostko |       |        |         |         |         |         |  |
| Weed Code                                             | -----                        |           | -----                                                                        |       | AMAPA  |         | AGRASS  |         | RAPRA   |  |
| Crop Code                                             | -----                        |           | -----                                                                        |       | -----  |         | -----   |         | -----   |  |
| Part Rated                                            | -----                        |           | -----                                                                        |       | -----  |         | -----   |         | -----   |  |
| Rating Data Type                                      | -----                        |           | -----                                                                        |       | -----  |         | -----   |         | -----   |  |
| Rating Unit                                           | -----                        |           | -----                                                                        |       | -----  |         | -----   |         | -----   |  |
| Rating Date                                           | -----                        |           | -----                                                                        |       | -----  |         | -----   |         | -----   |  |
| Trt Treatment                                         | Form Form                    | Rate Grow | Appl                                                                         | 13    | 14     | 15      | 16      | 17      | 18      |  |
| No. Name                                              | Conc Type Rate Unit Stg Code |           |                                                                              |       |        |         |         |         |         |  |
| 1 NTC                                                 |                              |           |                                                                              | 0.0 a | 0.0 b  | 0.0 d   | 0.0 d   | 0.0 b   | 0.0 e   |  |
| 2 SONALAN HFP                                         | 4 EC 24.0 oz/a PRE A         |           |                                                                              | 0.0 a | 0.0 b  | 100.0 a | 95.0 ab | 100.0 a | 100.0 a |  |
| VALOR EZ                                              | 4 SC 3.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| STRONGARM                                             | 84 WG 0.225 oz/a PRE A       |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |
| 3 SONALAN HFP                                         | 4 EC 32.0 oz/a PRE A         |           |                                                                              | 1.7 a | 0.0 b  | 100.0 a | 95.0 ab | 100.0 a | 100.0 a |  |
| VALOR EZ                                              | 4 SC 3.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| STRONGARM                                             | 84 WG 0.225 oz/a PRE A       |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |
| 4 PROWL H20                                           | 3.8 SC 32.0 oz/a PRE A       |           |                                                                              | 0.0 a | 0.0 b  | 100.0 a | 95.0 ab | 100.0 a | 100.0 a |  |
| VALOR EZ                                              | 4 SC 3.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| STRONGARM                                             | 84 WG 0.225 oz/a PRE A       |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |
| 5 SONALAN HFP                                         | 4 EC 32.0 oz/a PRE A         |           |                                                                              | 3.3 a | 20.0 a | 100.0 a | 93.3 b  | 100.0 a | 98.3 ab |  |
| GRAMOXONE                                             | 2 SL 12.0 oz/a EPOST B       |           |                                                                              |       |        |         |         |         |         |  |
| STORM                                                 | 4 SL 16.0 oz/a EPOST B       |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a EPOST B    |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a LPOST D        |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a LPOST D       |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a LPOST D    |           |                                                                              |       |        |         |         |         |         |  |
| 6 PROWL H20                                           | 3.8 SC 32.0 oz/a PRE A       |           |                                                                              | 0.0 a | 20.0 a | 100.0 a | 96.7 a  | 100.0 a | 100.0 a |  |
| GRAMOXONE                                             | 2 SL 12.0 oz/a EPOST B       |           |                                                                              |       |        |         |         |         |         |  |
| STORM                                                 | 4 SL 16.0 oz/a EPOST B       |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a EPOST B    |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a LPOST D        |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a LPOST D       |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a LPOST D    |           |                                                                              |       |        |         |         |         |         |  |
| 7 SONALAN HFP                                         | 4 EC 32.0 oz/a PRE A         |           |                                                                              | 0.0 a | 0.0 b  | 90.0 c  | 93.3 b  | 100.0 a | 90.0 d  |  |
| CAPAROL                                               | 4 L 24.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |
| 8 SONALAN HFP                                         | 4 EC 32.0 oz/a PRE A         |           |                                                                              | 0.0 a | 0.0 b  | 93.3 bc | 90.0 c  | 100.0 a | 93.3 cd |  |
| CAPAROL                                               | 4 L 32.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |
| 9 SONALAN HFP                                         | 4 EC 32.0 oz/a PRE A         |           |                                                                              | 0.0 a | 0.0 b  | 100.0 a | 96.7 a  | 100.0 a | 98.3 ab |  |
| CAPAROL                                               | 4 L 48.0 oz/a PRE A          |           |                                                                              |       |        |         |         |         |         |  |
| CADRE                                                 | 2 AS 4.0 oz/a POST C         |           |                                                                              |       |        |         |         |         |         |  |
| 2,4-DB                                                | 2 SL 16.0 oz/a POST C        |           |                                                                              |       |        |         |         |         |         |  |
| DUAL MAGNUM                                           | 7.62 EC 16.0 oz/a POST C     |           |                                                                              |       |        |         |         |         |         |  |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

# University of Georgia

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                                   |             |         |      |       |      |      |          |           |          |          |          |           |         |
|---------------------------------------------------------------------------------------------------------|-------------|---------|------|-------|------|------|----------|-----------|----------|----------|----------|-----------|---------|
| Trial ID: PE-12-22      Study Dir.: S.TAYLOR/<br>Location: PONDER FARM    Investigator: Eric P. Prostko |             |         |      |       |      |      |          |           |          |          |          |           |         |
| Weed Code                                                                                               |             |         |      |       |      |      | -----    | -----     | AMAPA    | AGRASS   | RAPRA    | Amapa     |         |
| Crop Code                                                                                               |             |         |      |       |      |      | ARAHY    | ARAHY     | -----    | -----    | -----    | ----      |         |
| Part Rated                                                                                              |             |         |      |       |      |      | LEAF, -  | LEAF, -   |          |          |          |           |         |
| Rating Data Type                                                                                        |             |         |      |       |      |      | NECROSIS | CHLOROSIS | CONTROL  | CONTROL  | CONTROL  | Control   |         |
| Rating Unit                                                                                             |             |         |      |       |      |      | %        | %         | %        | %        | %        | %         |         |
| Rating Date                                                                                             |             |         |      |       |      |      | Jun-6-22 | Jun-6-22  | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-21-22 |         |
| Trt                                                                                                     | Treatment   | Form    | Form | Rate  | Grow | Appl | 13       | 14        | 15       | 16       | 17       | 18        |         |
| No.                                                                                                     | Name        | Conc    | Type | Rate  | Unit | Stg  |          |           |          |          |          |           |         |
| 10                                                                                                      | SONALAN HFP | 4 EC    |      | 32.0  | oz/a | PRE  | A        | 1.7 a     | 0.0 b    | 98.3 a   | 93.3 b   | 100.0 a   | 98.3 ab |
|                                                                                                         | CAPAROL     | 4 L     |      | 24.0  | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0   | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
| 11                                                                                                      | SONALAN HFP | 4 EC    |      | 32.0  | oz/a | PRE  | A        | 0.0 a     | 0.0 b    | 96.7 ab  | 95.0 ab  | 100.0 a   | 95.0 bc |
|                                                                                                         | CAPAROL     | 4 L     |      | 24.0  | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | BRAKE       | 1.2 SL  |      | 12.0  | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0   | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
| 12                                                                                                      | SONALAN HFP | 4 EC    |      | 32.0  | oz/a | PRE  | A        | 1.7 a     | 0.0 b    | 100.0 a  | 93.3 b   | 100.0 a   | 100.0 a |
|                                                                                                         | CAPAROL     | 4 L     |      | 24.0  | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | VULCARUS    | 4.17 SC |      | 1.0   | oz/a | PRE  | A        |           |          |          |          |           |         |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0   | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0  | oz/a | POST | C        |           |          |          |          |           |         |
| LSD P=.10                                                                                               |             |         |      |       |      |      | 2.42     | .         | 4.12     | 2.56     | .        | 4.79      |         |
| Standard Deviation                                                                                      |             |         |      |       |      |      | 1.72     | 0.00      | 2.94     | 1.83     | 0.00     | 3.42      |         |
| CV                                                                                                      |             |         |      |       |      |      | 248.05   | 0.0       | 3.27     | 2.12     | 0.0      | 3.82      |         |
| Grand Mean                                                                                              |             |         |      |       |      |      | 0.69     | 3.33      | 89.86    | 86.39    | 91.67    | 89.44     |         |
| Bartlett's X2^                                                                                          |             |         |      |       |      |      | 44.851   | .         | 36.41    | 5.831    | .        | 31.002    |         |
| P(Bartlett's X2)                                                                                        |             |         |      |       |      |      | 0.00*    | .         | 0.00*    | 0.884    | .        | 0.001*    |         |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |             |         |      |                               |       |      |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|----------------------------------------------------------------------------------------|-------------|---------|------|-------------------------------|-------|------|--------------------------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------------------------------|----------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|-----------|
| Trial ID: PE-12-22                                                                     |             |         |      | Study Dir.: S.TAYLOR/         |       |      |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| Location: PONDER FARM                                                                  |             |         |      | Investigator: Eric P. Prostko |       |      |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |             |         |      |                               |       |      | Agrass<br>-----<br><br>Control<br>%<br>Jun-21-22 | Rapra<br>-----<br><br>Control<br>%<br>Jun-21-22 | Amapa<br>-----<br><br>Control<br>%<br>Jul-5-22 | Agrass<br>---<br><br>Control<br>%<br>Jul-5-22 | Amapa<br>---<br><br>Control<br>%<br>Aug-8-22 | Agrass<br>---<br><br>Control<br>%<br>Aug-8-22 | -----<br>ARAHY<br>YIELD, -<br>DIRTY<br>LBS/PLOT<br>Sep-19-22 |           |
| Trt                                                                                    | Treatment   | Form    | Form | Rate                          | Grow  | Appl | 19                                               | 20                                              | 21                                             | 22                                            | 23                                           | 24                                            | 25                                                           |           |
| No.                                                                                    | Name        | Conc    | Type | Rate                          | Unit  | Stg  | Code                                             |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 1                                                                                      | NTC         |         |      |                               |       |      |                                                  | 0.0 c                                           | 0.0 b                                          | 0.0 c                                         | 0.0 c                                        | 0.0 d                                         | 0.0 c                                                        | 0.00 e    |
| 2                                                                                      | SONALAN HFP | 4 EC    |      | 24.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 100.0 a                                       | 98.3 ab                                      | 99.0 a                                        | 94.3 ab                                                      | 21.67 a-d |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 3                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 100.0 a                                       | 100.0 a                                      | 99.0 a                                        | 97.7 a                                                       | 22.87 ab  |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 4                                                                                      | PROWL H20   | 3.8 SC  |      | 32.0 oz/a                     | PRE   | A    |                                                  | 98.3 b                                          | 100.0 a                                        | 100.0 a                                       | 98.3 ab                                      | 99.0 a                                        | 94.7 ab                                                      | 23.33 a   |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 5                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 98.3 a                                        | 100.0 a                                      | 97.7 a                                        | 97.7 a                                                       | 20.53 bcd |
|                                                                                        | GRAMOXONE   | 2 SL    |      | 12.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | STORM       | 4 SL    |      | 16.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 6                                                                                      | PROWL H20   | 3.8 SC  |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 100.0 a                                       | 100.0 a                                      | 99.0 a                                        | 97.7 a                                                       | 21.47 a-d |
|                                                                                        | GRAMOXONE   | 2 SL    |      | 12.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | STORM       | 4 SL    |      | 16.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | EPOST | B    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | LPOST | D    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 7                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 83.3 b                                        | 98.3 ab                                      | 80.0 c                                        | 96.0 ab                                                      | 19.83 d   |
|                                                                                        | CAPAROL     | 4 L     |      | 24.0 oz/a                     | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 8                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 85.0 b                                        | 93.3 b                                       | 85.0 bc                                       | 96.3 ab                                                      | 20.47 bcd |
|                                                                                        | CAPAROL     | 4 L     |      | 32.0 oz/a                     | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
| 9                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    |                                                  | 100.0 a                                         | 100.0 a                                        | 98.3 a                                        | 96.7 ab                                      | 97.7 a                                        | 91.7 b                                                       | 21.57 a-d |
|                                                                                        | CAPAROL     | 4 L     |      | 48.0 oz/a                     | PRE   | A    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                                  |                                                 |                                                |                                               |                                              |                                               |                                                              |           |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |             |         |      |                               |      |      |           |           |          |          |          |          |           |
|-------------------------------------------------------|-------------|---------|------|-------------------------------|------|------|-----------|-----------|----------|----------|----------|----------|-----------|
| Trial ID: PE-12-22                                    |             |         |      | Study Dir.: S.TAYLOR/         |      |      |           |           |          |          |          |          |           |
| Location: PONDER FARM                                 |             |         |      | Investigator: Eric P. Prostko |      |      |           |           |          |          |          |          |           |
| Weed Code                                             |             |         |      |                               |      |      | Agrass    | Rapra     | Amapa    | Agrass   | Amapa    | Agrass   | -----     |
| Crop Code                                             |             |         |      |                               |      |      | ----      | ----      | ----     | ---      | ---      | ---      | -----     |
| Part Rated                                            |             |         |      |                               |      |      |           |           |          |          |          |          | ARAHY     |
| Rating Data Type                                      |             |         |      |                               |      |      | Control   | Control   | Control  | Control  | Control  | Control  | DIRTY     |
| Rating Unit                                           |             |         |      |                               |      |      | %         | %         | %        | %        | %        | %        | LBS/PLOT  |
| Rating Date                                           |             |         |      |                               |      |      | Jun-21-22 | Jun-21-22 | Jul-5-22 | Jul-5-22 | Aug-8-22 | Aug-8-22 | Sep-19-22 |
| Trt                                                   | Treatment   | Form    | Form | Rate                          | Grow | Appl | 19        | 20        | 21       | 22       | 23       | 24       | 25        |
| No.                                                   | Name        | Conc    | Type | Unit                          | Stg  | Code |           |           |          |          |          |          |           |
| 10                                                    | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE  | A    | 100.0 a   | 100.0 a   | 95.0 a   | 100.0 a  | 92.7 ab  | 96.3 ab  | 20.00 cd  |
|                                                       | CAPAROL     | 4 L     |      | 24.0 oz/a                     | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST | C    |           |           |          |          |          |          |           |
|                                                       | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
|                                                       | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
| 11                                                    | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE  | A    | 100.0 a   | 100.0 a   | 85.0 b   | 96.7 ab  | 81.3 bc  | 93.3 ab  | 19.70 d   |
|                                                       | CAPAROL     | 4 L     |      | 24.0 oz/a                     | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | BRAKE       | 1.2 SL  |      | 12.0 oz/a                     | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST | C    |           |           |          |          |          |          |           |
|                                                       | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
|                                                       | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
| 12                                                    | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE  | A    | 100.0 a   | 100.0 a   | 98.3 a   | 96.7 ab  | 97.7 a   | 97.7 a   | 22.50 abc |
|                                                       | CAPAROL     | 4 L     |      | 24.0 oz/a                     | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | VULCARUS    | 4.17 SC |      | 1.0 oz/a                      | PRE  | A    |           |           |          |          |          |          |           |
|                                                       | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST | C    |           |           |          |          |          |          |           |
|                                                       | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
|                                                       | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST | C    |           |           |          |          |          |          |           |
| LSD P=.10                                             |             |         |      |                               |      |      | 1.17      | .         | 9.02     | 5.71     | 11.38    | 5.27     | 2.508     |
| Standard Deviation                                    |             |         |      |                               |      |      | 0.83      | 0.00      | 6.44     | 4.07     | 8.12     | 3.76     | 1.785     |
| CV                                                    |             |         |      |                               |      |      | 0.91      | 0.0       | 7.4      | 4.53     | 9.48     | 4.28     | 9.16      |
| Grand Mean                                            |             |         |      |                               |      |      | 91.53     | 91.67     | 86.94    | 89.86    | 85.67    | 87.78    | 19.494    |
| Bartlett's X2^                                        |             |         |      |                               |      |      | 40.623    | .         | 54.138   | 48.87    | 59.521   | 10.79    | .         |
| P(Bartlett's X2)                                      |             |         |      |                               |      |      | 0.00*     | .         | 0.00*    | 0.00*    | 0.00*    | 0.461    | .         |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

# University of Georgia

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |             |                               |      |            |       |      |           |            |  |
|-------------------------------------------------------|-------------|-------------------------------|------|------------|-------|------|-----------|------------|--|
| Trial ID: PE-12-22                                    |             | Study Dir.: S.TAYLOR/         |      |            |       |      |           |            |  |
| Location: PONDER FARM                                 |             | Investigator: Eric P. Prostko |      |            |       |      |           |            |  |
| Weed Code                                             |             |                               |      |            |       |      | -----     | -----      |  |
| Crop Code                                             |             |                               |      |            |       |      | ARAHY     | ARAHY      |  |
| Part Rated                                            |             |                               |      |            |       |      | YIELD, -  | YIELD, -   |  |
| Rating Data Type                                      |             |                               |      |            |       |      | CLEAN     | YIELD      |  |
| Rating Unit                                           |             |                               |      |            |       |      | LBS/PLOT  | LBS/A      |  |
| Rating Date                                           |             |                               |      |            |       |      | Sep-19-22 | Sep-19-22  |  |
| Trt                                                   | Treatment   | Form                          | Form | Rate       | Grow  | Appl | 26        | 27         |  |
| No.                                                   | Name        | Conc                          | Type | Rate       | Unit  | Stg  |           |            |  |
| 1                                                     | NTC         |                               |      |            |       |      | 0.0 e     | 0.0 e      |  |
| 2                                                     | SONALAN HFP | 4 EC                          |      | 24.0 oz/a  | PRE   | A    | 21.2 a-d  | 5775.6 a-d |  |
|                                                       | VALOR EZ    | 4 SC                          |      | 3.0 oz/a   | PRE   | A    |           |            |  |
|                                                       | STRONGARM   | 84 WG                         |      | 0.225 oz/a | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |
| 3                                                     | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE   | A    | 22.4 ab   | 6095.5 ab  |  |
|                                                       | VALOR EZ    | 4 SC                          |      | 3.0 oz/a   | PRE   | A    |           |            |  |
|                                                       | STRONGARM   | 84 WG                         |      | 0.225 oz/a | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |
| 4                                                     | PROWL H20   | 3.8 SC                        |      | 32.0 oz/a  | PRE   | A    | 22.9 a    | 6219.9 a   |  |
|                                                       | VALOR EZ    | 4 SC                          |      | 3.0 oz/a   | PRE   | A    |           |            |  |
|                                                       | STRONGARM   | 84 WG                         |      | 0.225 oz/a | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |
| 5                                                     | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE   | A    | 20.1 bcd  | 5473.5 bcd |  |
|                                                       | GRAMOXONE   | 2 SL                          |      | 12.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | STORM       | 4 SL                          |      | 16.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | LPOST | D    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | LPOST | D    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | LPOST | D    |           |            |  |
| 6                                                     | PROWL H20   | 3.8 SC                        |      | 32.0 oz/a  | PRE   | A    | 21.0 a-d  | 5722.3 a-d |  |
|                                                       | GRAMOXONE   | 2 SL                          |      | 12.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | STORM       | 4 SL                          |      | 16.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | EPOST | B    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | LPOST | D    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | LPOST | D    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | LPOST | D    |           |            |  |
| 7                                                     | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE   | A    | 19.4 d    | 5286.9 d   |  |
|                                                       | CAPAROL     | 4 L                           |      | 24.0 oz/a  | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |
| 8                                                     | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE   | A    | 20.1 bcd  | 5455.8 bcd |  |
|                                                       | CAPAROL     | 4 L                           |      | 32.0 oz/a  | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |
| 9                                                     | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE   | A    | 21.1 a-d  | 5749.0 a-d |  |
|                                                       | CAPAROL     | 4 L                           |      | 48.0 oz/a  | PRE   | A    |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST  | C    |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST  | C    |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST  | C    |           |            |  |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

# University of Georgia

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |             |                               |      |            |      |           |           |            |  |
|-------------------------------------------------------|-------------|-------------------------------|------|------------|------|-----------|-----------|------------|--|
| Trial ID: PE-12-22                                    |             | Study Dir.: S.TAYLOR/         |      |            |      |           |           |            |  |
| Location: PONDER FARM                                 |             | Investigator: Eric P. Prostko |      |            |      |           |           |            |  |
| Weed Code                                             |             |                               |      |            |      | -----     | -----     |            |  |
| Crop Code                                             |             |                               |      |            |      | ARAHY     | ARAHY     |            |  |
| Part Rated                                            |             |                               |      |            |      | YIELD, -  | YIELD, -  |            |  |
| Rating Data Type                                      |             |                               |      |            |      | CLEAN     | YIELD     |            |  |
| Rating Unit                                           |             |                               |      |            |      | LBS/PLOT  | LBS/A     |            |  |
| Rating Date                                           |             |                               |      |            |      | Sep-19-22 | Sep-19-22 |            |  |
| Trt                                                   | Treatment   | Form                          | Form | Rate       | Grow | Appl      | 26        | 27         |  |
| No.                                                   | Name        | Conc                          | Type | Rate       | Unit | Stg       |           |            |  |
| 10                                                    | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE  | A         | 19.6 cd   | 5331.4 cd  |  |
|                                                       | CAPAROL     | 4 L                           |      | 24.0 oz/a  | PRE  | A         |           |            |  |
|                                                       | STRONGARM   | 84 WG                         |      | 0.225 oz/a | PRE  | A         |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST | C         |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST | C         |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST | C         |           |            |  |
| 11                                                    | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE  | A         | 19.3 d    | 5251.4 d   |  |
|                                                       | CAPAROL     | 4 L                           |      | 24.0 oz/a  | PRE  | A         |           |            |  |
|                                                       | BRAKE       | 1.2 SL                        |      | 12.0 oz/a  | PRE  | A         |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST | C         |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST | C         |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST | C         |           |            |  |
| 12                                                    | SONALAN HFP | 4 EC                          |      | 32.0 oz/a  | PRE  | A         | 22.1 abc  | 5997.8 abc |  |
|                                                       | CAPAROL     | 4 L                           |      | 24.0 oz/a  | PRE  | A         |           |            |  |
|                                                       | VULCARUS    | 4.17 SC                       |      | 1.0 oz/a   | PRE  | A         |           |            |  |
|                                                       | CADRE       | 2 AS                          |      | 4.0 oz/a   | POST | C         |           |            |  |
|                                                       | 2,4-DB      | 2 SL                          |      | 16.0 oz/a  | POST | C         |           |            |  |
|                                                       | DUAL MAGNUM | 7.62 EC                       |      | 16.0 oz/a  | POST | C         |           |            |  |
| LSD P=.10                                             |             |                               |      |            |      |           | 2.46      | 668.52     |  |
| Standard Deviation                                    |             |                               |      |            |      |           | 1.75      | 475.83     |  |
| CV                                                    |             |                               |      |            |      |           | 9.16      | 9.16       |  |
| Grand Mean                                            |             |                               |      |            |      |           | 19.10     | 5196.59    |  |
| Bartlett's X2^                                        |             |                               |      |            |      |           | .         | .          |  |
| P(Bartlett's X2)                                      |             |                               |      |            |      |           | .         | .          |  |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=25,26,27

Could not calculate LSD (% mean diff) for columns 5,14,17,20 because error mean square = 0.

^Calculated from residual.

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|                                                                                              |    |                               |             |          |         |
|----------------------------------------------------------------------------------------------|----|-------------------------------|-------------|----------|---------|
| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                        |    |                               |             |          |         |
| Trial ID: PE-12-22                                                                           |    | Study Dir.: S.TAYLOR/         |             |          |         |
| Location: PONDER FARM                                                                        |    | Investigator: Eric P. Prostko |             |          |         |
| Randomized Complete Block (RCB) AOV For ---- Arahy Stunting % May-10-22 (Data Column 1)      |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 1324.305556                   |             |          |         |
| Replicate                                                                                    | 2  | 68.055556                     | 34.027778   | 5.674    | 0.0103  |
| Treatment                                                                                    | 11 | 1124.305556                   | 102.209596  | 17.042   | 0.0001  |
| Error                                                                                        | 22 | 131.944444                    | 5.997475    |          |         |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % May-10-22 (Data Column 2)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 26902.305556                  |             |          |         |
| Replicate                                                                                    | 2  | 0.888889                      | 0.444444    | 1.000    | 0.3840  |
| Treatment                                                                                    | 11 | 26891.638889                  | 2444.694444 | 5500.563 | 0.0001  |
| Error                                                                                        | 22 | 9.777778                      | 0.444444    |          |         |
| Randomized Complete Block (RCB) AOV For Rapra ---- Control % May-10-22 (Data Column 3)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 31568.972222                  |             |          |         |
| Replicate                                                                                    | 2  | 26.888889                     | 13.444444   | 0.571    | 0.5734  |
| Treatment                                                                                    | 11 | 31023.638889                  | 2820.330808 | 119.680  | 0.0001  |
| Error                                                                                        | 22 | 518.444444                    | 23.565657   |          |         |
| Randomized Complete Block (RCB) AOV For Agrass ---- Control % May-10-22 (Data Column 4)      |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 25708.750000                  |             |          |         |
| Replicate                                                                                    | 2  | 26.000000                     | 13.000000   | 1.857    | 0.1798  |
| Treatment                                                                                    | 11 | 25528.750000                  | 2320.795455 | 331.542  | 0.0001  |
| Error                                                                                        | 22 | 154.000000                    | 7.000000    |          |         |
| Randomized Complete Block (RCB) AOV For ---- Arahy Leaf Necrosis % May-20-22 (Data Column 5) |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 500.000000                    |             |          |         |
| Replicate                                                                                    | 2  | 0.000000                      | 0.000000    | 0.000    | 1.0000  |
| Treatment                                                                                    | 11 | 500.000000                    | 45.454545   | 0.000    | 1.0000  |
| Error                                                                                        | 22 | 0.000000                      | 0.000000    |          |         |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % May-20-22 (Data Column 6)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 26748.888889                  |             |          |         |
| Replicate                                                                                    | 2  | 28.388889                     | 14.194444   | 2.361    | 0.1178  |
| Treatment                                                                                    | 11 | 26588.222222                  | 2417.111111 | 402.006  | 0.0001  |
| Error                                                                                        | 22 | 132.277778                    | 6.012626    |          |         |
| Randomized Complete Block (RCB) AOV For Rapra ---- Control % May-20-22 (Data Column 7)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 43838.888889                  |             |          |         |
| Replicate                                                                                    | 2  | 84.722222                     | 42.361111   | 1.809    | 0.1874  |
| Treatment                                                                                    | 11 | 43238.888889                  | 3930.808081 | 167.828  | 0.0001  |
| Error                                                                                        | 22 | 515.277778                    | 23.421717   |          |         |
| Randomized Complete Block (RCB) AOV For Agrass ---- Control % May-20-22 (Data Column 8)      |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 21857.638889                  |             |          |         |
| Replicate                                                                                    | 2  | 105.555556                    | 52.777778   | 1.672    | 0.2109  |
| Treatment                                                                                    | 11 | 21057.638889                  | 1914.330808 | 60.646   | 0.0001  |
| Error                                                                                        | 22 | 694.444444                    | 31.565657   |          |         |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % May-31-22 (Data Column 9)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 26425.000000                  |             |          |         |
| Replicate                                                                                    | 2  | 1.166667                      | 0.583333    | 0.078    | 0.9251  |
| Treatment                                                                                    | 11 | 26259.666667                  | 2387.242424 | 319.915  | 0.0001  |
| Error                                                                                        | 22 | 164.166667                    | 7.462121    |          |         |
| Randomized Complete Block (RCB) AOV For Rapra --- Control % May-31-22 (Data Column 10)       |    |                               |             |          |         |
| Source                                                                                       | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                        | 35 | 26174.000000                  |             |          |         |
| Replicate                                                                                    | 2  | 16.166667                     | 8.083333    | 1.370    | 0.2750  |
| Treatment                                                                                    | 11 | 26028.000000                  | 2366.181818 | 400.945  | 0.0001  |
| Error                                                                                        | 22 | 129.833333                    | 5.901515    |          |         |

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|------------------------------------------------------------------------------------------------|----|-------------------------------|-------------|----------|---------|
| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                          |    |                               |             |          |         |
| Trial ID: PE-12-22                                                                             |    | Study Dir.: S.TAYLOR/         |             |          |         |
| Location: PONDER FARM                                                                          |    | Investigator: Eric P. Prostko |             |          |         |
| Randomized Complete Block (RCB) AOV For Agrass ---- Control % May-31-22 (Data Column 11)       |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 22828.750000                  |             |          |         |
| Replicate                                                                                      | 2  | 42.000000                     | 21.000000   | 0.822    | 0.4526  |
| Treatment                                                                                      | 11 | 22224.750000                  | 2020.431818 | 79.092   | 0.0001  |
| Error                                                                                          | 22 | 562.000000                    | 25.545455   |          |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY PLANT STUNTING % Jun-6-22 (Data Column 12) |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 255.555556                    |             |          |         |
| Replicate                                                                                      | 2  | 26.388889                     | 13.194444   | 3.215    | 0.0596  |
| Treatment                                                                                      | 11 | 138.888889                    | 12.626263   | 3.077    | 0.0119  |
| Error                                                                                          | 22 | 90.277778                     | 4.103535    |          |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY LEAF NECROSIS % Jun-6-22 (Data Column 13)  |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 107.638889                    |             |          |         |
| Replicate                                                                                      | 2  | 1.388889                      | 0.694444    | 0.234    | 0.7933  |
| Treatment                                                                                      | 11 | 40.972222                     | 3.724747    | 1.255    | 0.3113  |
| Error                                                                                          | 22 | 65.277778                     | 2.967172    |          |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY LEAF CHLOROSIS % Jun-6-22 (Data Column 14) |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 2000.000000                   |             |          |         |
| Replicate                                                                                      | 2  | 0.000000                      | 0.000000    | 0.000    | 1.0000  |
| Treatment                                                                                      | 11 | 2000.000000                   | 181.818182  | 0.000    | 1.0000  |
| Error                                                                                          | 22 | 0.000000                      | 0.000000    |          |         |
| Randomized Complete Block (RCB) AOV For AMAPA ----- CONTROL % Jun-6-22 (Data Column 15)        |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 26974.305556                  |             |          |         |
| Replicate                                                                                      | 2  | 9.722222                      | 4.861111    | 0.562    | 0.5780  |
| Treatment                                                                                      | 11 | 26774.305556                  | 2434.027778 | 281.423  | 0.0001  |
| Error                                                                                          | 22 | 190.277778                    | 8.648990    |          |         |
| Randomized Complete Block (RCB) AOV For AGRASS ----- CONTROL % Jun-6-22 (Data Column 16)       |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 24630.555556                  |             |          |         |
| Replicate                                                                                      | 2  | 26.388889                     | 13.194444   | 3.943    | 0.0344  |
| Treatment                                                                                      | 11 | 24530.555556                  | 2230.050505 | 666.491  | 0.0001  |
| Error                                                                                          | 22 | 73.611111                     | 3.345960    |          |         |
| Randomized Complete Block (RCB) AOV For RAPRA ----- CONTROL % Jun-6-22 (Data Column 17)        |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 27500.000000                  |             |          |         |
| Replicate                                                                                      | 2  | 0.000000                      | 0.000000    | 0.000    | 1.0000  |
| Treatment                                                                                      | 11 | 27500.000000                  | 2500.000000 | 0.000    | 1.0000  |
| Error                                                                                          | 22 | 0.000000                      | 0.000000    |          |         |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % Jun-21-22 (Data Column 18)        |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 26788.888889                  |             |          |         |
| Replicate                                                                                      | 2  | 9.722222                      | 4.861111    | 0.416    | 0.6646  |
| Treatment                                                                                      | 11 | 26522.222222                  | 2411.111111 | 206.443  | 0.0001  |
| Error                                                                                          | 22 | 256.944444                    | 11.679293   |          |         |
| Randomized Complete Block (RCB) AOV For Agrass ---- Control % Jun-21-22 (Data Column 19)       |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 27440.972222                  |             |          |         |
| Replicate                                                                                      | 2  | 1.388889                      | 0.694444    | 1.000    | 0.3840  |
| Treatment                                                                                      | 11 | 27424.305556                  | 2493.118687 | 3590.091 | 0.0001  |
| Error                                                                                          | 22 | 15.277778                     | 0.694444    |          |         |
| Randomized Complete Block (RCB) AOV For Rapra ---- Control % Jun-21-22 (Data Column 20)        |    |                               |             |          |         |
| Source                                                                                         | DF | Sum of Squares                | Mean Square | F        | Prob(F) |
| Total                                                                                          | 35 | 27500.000000                  |             |          |         |
| Replicate                                                                                      | 2  | 0.000000                      | 0.000000    | 0.000    | 1.0000  |
| Treatment                                                                                      | 11 | 27500.000000                  | 2500.000000 | 0.000    | 1.0000  |
| Error                                                                                          | 22 | 0.000000                      | 0.000000    |          |         |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------|----------------|---------|---------|
| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL<br>Trial ID: PE-12-22 Study Dir.: S.TAYLOR/<br>Location: PONDER FARM Investigator: Eric P. Prostko                                           |    |                 |                |         |         |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % Jul-5-22 (Data Column 21)                                                                                                             |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 35 | 27063.888889    |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 5.555556        | 2.777778       | 0.067   | 0.9353  |
| Treatment                                                                                                                                                                                          | 11 | 26147.222222    | 2377.020202    | 57.396  | 0.0001  |
| Error                                                                                                                                                                                              | 22 | 911.111111      | 41.414141      |         |         |
| Randomized Complete Block (RCB) AOV For Agrass --- Control % Jul-5-22 (Data Column 22)                                                                                                             |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 35 | 26924.305556    |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 1.388889        | 0.694444       | 0.042   | 0.9591  |
| Treatment                                                                                                                                                                                          | 11 | 26557.638889    | 2414.330808    | 145.411 | 0.0001  |
| Error                                                                                                                                                                                              | 22 | 365.277778      | 16.603535      |         |         |
| Randomized Complete Block (RCB) AOV For Amapa --- Control % Aug-8-22 (Data Column 23)                                                                                                              |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 35 | 27200.000000    |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 3.500000        | 1.750000       | 0.027   | 0.9738  |
| Treatment                                                                                                                                                                                          | 11 | 25746.666667    | 2340.606061    | 35.517  | 0.0001  |
| Error                                                                                                                                                                                              | 22 | 1449.833333     | 65.901515      |         |         |
| Randomized Complete Block (RCB) AOV For Agrass --- Control % Aug-8-22 (Data Column 24)                                                                                                             |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 35 | 25662.222222    |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 12.388889       | 6.194444       | 0.439   | 0.6501  |
| Treatment                                                                                                                                                                                          | 11 | 25339.555556    | 2303.595960    | 163.335 | 0.0001  |
| Error                                                                                                                                                                                              | 22 | 310.277778      | 14.103535      |         |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-19-22 (Data Column 25)                                                                                                |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 34 | 1375.938889     |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 17.482222       | 8.741111       | 2.743   | 0.0874  |
| Treatment                                                                                                                                                                                          | 11 | 1291.545556     | 117.413232     | 36.850  | 0.0001  |
| Error                                                                                                                                                                                              | 21 | 66.911111       | 3.186243       |         |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-19-22 (Data Column 26)                                                                                                |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 34 | 1321.451709     |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 16.789926       | 8.394963       | 2.743   | 0.0874  |
| Treatment                                                                                                                                                                                          | 11 | 1240.400352     | 112.763668     | 36.850  | 0.0001  |
| Error                                                                                                                                                                                              | 21 | 64.261431       | 3.060068       |         |         |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-19-22 (Data Column 27)                                                                                                   |    |                 |                |         |         |
| Source                                                                                                                                                                                             | DF | Sum of Squares  | Mean Square    | F       | Prob(F) |
| Total                                                                                                                                                                                              | 34 | 97772034.272845 |                |         |         |
| Replicate                                                                                                                                                                                          | 2  | 1242258.972458  | 621129.486229  | 2.743   | 0.0874  |
| Treatment                                                                                                                                                                                          | 11 | 91775177.911201 | 8343197.991927 | 36.850  | 0.0001  |
| Error                                                                                                                                                                                              | 21 | 4754597.389186  | 226409.399485  |         |         |
| <b>Part Rated</b><br>Leaf = LEAF / FOLIAGE<br>PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)<br>Rating Unit<br>% = PERCENT<br>ARM Action Codes<br>T1 = [25]*0.98<br>TY2 = 272.008*[26] |    |                 |                |         |         |

| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                                   |             |         |      |            |       |      |               |               |               |                |                                      |
|---------------------------------------------------------------------------------------------------------|-------------|---------|------|------------|-------|------|---------------|---------------|---------------|----------------|--------------------------------------|
| Trial ID: PE-12-22      Study Dir.: S.TAYLOR/<br>Location: PONDER FARM    Investigator: Eric P. Prostko |             |         |      |            |       |      |               |               |               |                |                                      |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date                  |             |         |      |            |       |      | ----<br>Arahy | Amapa<br>---- | Rapra<br>---- | Agrass<br>---- | ----<br>Arahy<br>Leaf, -<br>Necrosis |
|                                                                                                         |             |         |      |            |       |      | Stunting<br>% | Control<br>%  | Control<br>%  | Control<br>%   | Necrosis<br>%                        |
|                                                                                                         |             |         |      |            |       |      | May-10-22     | May-10-22     | May-10-22     | May-10-22      | May-20-22                            |
| Trt                                                                                                     | Treatment   | Form    | Form | Rate       | Grow  | Appl |               |               |               |                |                                      |
| No.                                                                                                     | Name        | Conc    | Type | Rate       | Unit  | Stg  | Code          | Plot          | 1             | 2              | 3                                    |
| 1                                                                                                       | NTC         |         |      |            |       |      | 101           |               | 0.0           | 0.0            | 0.0                                  |
|                                                                                                         |             |         |      |            |       |      | 210           |               | 0.0           | 0.0            | 0.0                                  |
|                                                                                                         |             |         |      |            |       |      | 305           |               | 0.0           | 0.0            | 0.0                                  |
|                                                                                                         |             |         |      |            |       |      | Mean =        |               | 0.0           | 0.0            | 0.0                                  |
| 2                                                                                                       | SONALAN HFP | 4 EC    |      | 24.0 oz/a  | PRE   | A    | 102           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 211           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 308           |               | 20.0          | 99.0           | 99.0                                 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         |             |         |      |            |       |      | Mean =        |               | 16.7          | 99.0           | 99.0                                 |
| 3                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 103           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 201           |               | 10.0          | 99.0           | 99.0                                 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 312           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         |             |         |      |            |       |      | Mean =        |               | 13.3          | 99.0           | 99.0                                 |
| 4                                                                                                       | PROWL H2O   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 104           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 207           |               | 15.0          | 99.0           | 99.0                                 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 309           |               | 10.0          | 99.0           | 99.0                                 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |               |               |               |                |                                      |
|                                                                                                         |             |         |      |            |       |      | Mean =        |               | 13.3          | 99.0           | 99.0                                 |
| 5                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 105           |               | 0.0           | 99.0           | 50.0                                 |
|                                                                                                         | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 209           |               | 0.0           | 99.0           | 50.0                                 |
|                                                                                                         | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 310           |               | 5.0           | 99.0           | 65.0                                 |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |               |               |               |                |                                      |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |               |               |               |                |                                      |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST | D    |               |               |               |                |                                      |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | LPOST | D    |               |               |               |                |                                      |
|                                                                                                         |             |         |      |            |       |      | Mean =        |               | 1.7           | 99.0           | 55.0                                 |
| 6                                                                                                       | PROWL H2O   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 106           |               | 0.0           | 99.0           | 50.0                                 |
|                                                                                                         | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 205           |               | 0.0           | 99.0           | 50.0                                 |
|                                                                                                         | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 307           |               | 5.0           | 99.0           | 65.0                                 |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |               |               |               |                |                                      |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |               |               |               |                |                                      |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST |      |               |               |               |                |                                      |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |                |           |                               |            |           |     |                                                 |                                                |                                                |                                                 |                                                        |     |
|----------------------------------------------------------------------------------------|----------------|-----------|-------------------------------|------------|-----------|-----|-------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----|
| Trial ID: PE-12-22                                                                     |                |           | Study Dir.: S.TAYLOR/         |            |           |     |                                                 |                                                |                                                |                                                 |                                                        |     |
| Location: PONDER FARM                                                                  |                |           | Investigator: Eric P. Prostko |            |           |     |                                                 |                                                |                                                |                                                 |                                                        |     |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |                |           |                               |            |           |     | ----<br>Arahy<br><br>Stunting<br>%<br>May-10-22 | Amapa<br>----<br><br>Control<br>%<br>May-10-22 | Rapra<br>----<br><br>Control<br>%<br>May-10-22 | Agrass<br>----<br><br>Control<br>%<br>May-10-22 | ----<br>Arahy<br>Leaf, -<br>Necrosis<br>%<br>May-20-22 |     |
| Trt No.                                                                                | Treatment Name | Form Conc | Form Type                     | Rate       | Grow Unit | Stg | Appl Code Plot                                  | 1                                              | 2                                              | 3                                               | 4                                                      | 5   |
| 9                                                                                      | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A   | 109                                             | 0.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | CAPAROL        | 4 L       |                               | 48.0 oz/a  | PRE       | A   | 206                                             | 5.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C   | 303                                             | 5.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | Mean =         |           |                               |            |           |     |                                                 | 3.3                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
| 10                                                                                     | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A   | 110                                             | 5.0                                            | 99.0                                           | 99.0                                            | 95.0                                                   | 0.0 |
|                                                                                        | CAPAROL        | 4 L       |                               | 24.0 oz/a  | PRE       | A   | 204                                             | 0.0                                            | 99.0                                           | 99.0                                            | 95.0                                                   | 0.0 |
|                                                                                        | STRONGARM      | 84 WG     |                               | 0.225 oz/a | PRE       | A   | 311                                             | 10.0                                           | 99.0                                           | 99.0                                            | 90.0                                                   | 0.0 |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | Mean =         |           |                               |            |           |     |                                                 | 5.0                                            | 99.0                                           | 99.0                                            | 93.3                                                   | 0.0 |
| 11                                                                                     | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A   | 111                                             | 0.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | CAPAROL        | 4 L       |                               | 24.0 oz/a  | PRE       | A   | 202                                             | 0.0                                            | 99.0                                           | 99.0                                            | 95.0                                                   | 0.0 |
|                                                                                        | BRAKE          | 1.2 SL    |                               | 12.0 oz/a  | PRE       | A   | 306                                             | 5.0                                            | 99.0                                           | 95.0                                            | 95.0                                                   | 0.0 |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | Mean =         |           |                               |            |           |     |                                                 | 1.7                                            | 99.0                                           | 97.7                                            | 96.3                                                   | 0.0 |
| 12                                                                                     | SONALAN HFP    | 4 EC      |                               | 32.0 oz/a  | PRE       | A   | 112                                             | 0.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | CAPAROL        | 4 L       |                               | 24.0 oz/a  | PRE       | A   | 208                                             | 5.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | VULCARUS       | 4.17 SC   |                               | 1.0 oz/a   | PRE       | A   | 304                                             | 5.0                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |
|                                                                                        | CADRE          | 2 AS      |                               | 4.0 oz/a   | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | 2,4-DB         | 2 SL      |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |                               | 16.0 oz/a  | POST      | C   |                                                 |                                                |                                                |                                                 |                                                        |     |
|                                                                                        | Mean =         |           |                               |            |           |     |                                                 | 3.3                                            | 99.0                                           | 99.0                                            | 99.0                                                   | 0.0 |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |             |                                                                              |      |            |       |      |           |           |           |           |           |      |      |
|-------------------------------------------------------|-------------|------------------------------------------------------------------------------|------|------------|-------|------|-----------|-----------|-----------|-----------|-----------|------|------|
| Trial ID: PE-12-22                                    |             | Study Dir.: S.TAYLOR/<br>Location: PONDER FARM Investigator: Eric P. Prostko |      |            |       |      |           |           |           |           |           |      |      |
| Weed Code                                             |             |                                                                              |      |            |       |      | Amapa     | Rapra     | Agrass    | Amapa     | Rapra     |      |      |
| Crop Code                                             |             |                                                                              |      |            |       |      | ----      | ----      | ----      | ----      | ----      |      |      |
| Part Rated                                            |             |                                                                              |      |            |       |      |           |           |           |           |           |      |      |
| Rating Data Type                                      |             |                                                                              |      |            |       |      | Control   | Control   | Control   | Control   | Control   |      |      |
| Rating Unit                                           |             |                                                                              |      |            |       |      | %         | %         | %         | %         | %         |      |      |
| Rating Date                                           |             |                                                                              |      |            |       |      | May-20-22 | May-20-22 | May-20-22 | May-31-22 | May-31-22 |      |      |
| Trt                                                   | Treatment   | Form                                                                         | Form | Rate       | Grow  | Appl |           |           |           |           |           |      |      |
| No.                                                   | Name        | Conc                                                                         | Type | Rate       | Unit  | Stg  | Code      | Plot      | 6         | 7         | 8         | 9    | 10   |
| 1                                                     | NTC         |                                                                              |      |            |       |      | 101       |           | 0.0       | 0.0       | 0.0       | 0.0  | 0.0  |
|                                                       |             |                                                                              |      |            |       |      | 210       |           | 0.0       | 0.0       | 0.0       | 0.0  | 0.0  |
|                                                       |             |                                                                              |      |            |       |      | 305       |           | 0.0       | 0.0       | 0.0       | 0.0  | 0.0  |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 0.0       | 0.0       | 0.0       | 0.0  | 0.0  |
| 2                                                     | SONALAN HFP | 4 EC                                                                         |      | 24.0 oz/a  | PRE   | A    | 102       |           | 100.0     | 100.0     | 75.0      | 99.0 | 99.0 |
|                                                       | VALOR EZ    | 4 SC                                                                         |      | 3.0 oz/a   | PRE   | A    | 211       |           | 100.0     | 100.0     | 75.0      | 99.0 | 99.0 |
|                                                       | STRONGARM   | 84 WG                                                                        |      | 0.225 oz/a | PRE   | A    | 308       |           | 100.0     | 100.0     | 90.0      | 99.0 | 99.0 |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | POST  | C    |           |           |           |           |           |      |      |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 100.0     | 100.0     | 80.0      | 99.0 | 99.0 |
| 3                                                     | SONALAN HFP | 4 EC                                                                         |      | 32.0 oz/a  | PRE   | A    | 103       |           | 100.0     | 100.0     | 80.0      | 99.0 | 99.0 |
|                                                       | VALOR EZ    | 4 SC                                                                         |      | 3.0 oz/a   | PRE   | A    | 201       |           | 100.0     | 100.0     | 95.0      | 99.0 | 99.0 |
|                                                       | STRONGARM   | 84 WG                                                                        |      | 0.225 oz/a | PRE   | A    | 312       |           | 100.0     | 100.0     | 95.0      | 99.0 | 99.0 |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | POST  | C    |           |           |           |           |           |      |      |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 100.0     | 100.0     | 90.0      | 99.0 | 99.0 |
| 4                                                     | PROWL H20   | 3.8 SC                                                                       |      | 32.0 oz/a  | PRE   | A    | 104       |           | 100.0     | 100.0     | 75.0      | 99.0 | 99.0 |
|                                                       | VALOR EZ    | 4 SC                                                                         |      | 3.0 oz/a   | PRE   | A    | 207       |           | 100.0     | 100.0     | 80.0      | 99.0 | 99.0 |
|                                                       | STRONGARM   | 84 WG                                                                        |      | 0.225 oz/a | PRE   | A    | 309       |           | 100.0     | 100.0     | 80.0      | 99.0 | 99.0 |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | POST  | C    |           |           |           |           |           |      |      |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 100.0     | 100.0     | 78.3      | 99.0 | 99.0 |
| 5                                                     | SONALAN HFP | 4 EC                                                                         |      | 32.0 oz/a  | PRE   | A    | 105       |           | 100.0     | 100.0     | 95.0      | 99.0 | 99.0 |
|                                                       | GRAMOXONE   | 2 SL                                                                         |      | 12.0 oz/a  | EPOST | B    | 209       |           | 100.0     | 100.0     | 100.0     | 99.0 | 99.0 |
|                                                       | STORM       | 4 SL                                                                         |      | 16.0 oz/a  | EPOST | B    | 310       |           | 100.0     | 95.0      | 100.0     | 99.0 | 95.0 |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | EPOST | B    |           |           |           |           |           |      |      |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | LPOST | D    |           |           |           |           |           |      |      |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | LPOST | D    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | LPOST | D    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 100.0     | 98.3      | 98.3      | 99.0 | 97.7 |
| 6                                                     | PROWL H20   | 3.8 SC                                                                       |      | 32.0 oz/a  | PRE   | A    | 106       |           | 100.0     | 100.0     | 95.0      | 99.0 | 99.0 |
|                                                       | GRAMOXONE   | 2 SL                                                                         |      | 12.0 oz/a  | EPOST | B    | 205       |           | 100.0     | 100.0     | 100.0     | 99.0 | 99.0 |
|                                                       | STORM       | 4 SL                                                                         |      | 16.0 oz/a  | EPOST | B    | 307       |           | 100.0     | 100.0     | 90.0      | 99.0 | 99.0 |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | EPOST | B    |           |           |           |           |           |      |      |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | LPOST | D    |           |           |           |           |           |      |      |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | LPOST | D    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | LPOST | D    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 100.0     | 100.0     | 95.0      | 99.0 | 99.0 |
| 7                                                     | SONALAN HFP | 4 EC                                                                         |      | 32.0 oz/a  | PRE   | A    | 107       |           | 100.0     | 30.0      | 85.0      | 99.0 | 90.0 |
|                                                       | CAPAROL     | 4 L                                                                          |      | 24.0 oz/a  | PRE   | A    | 212       |           | 90.0      | 30.0      | 80.0      | 90.0 | 90.0 |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | POST  | C    | 301       |           | 90.0      | 30.0      | 85.0      | 85.0 | 90.0 |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 93.3      | 30.0      | 83.3      | 91.3 | 90.0 |
| 8                                                     | SONALAN HFP | 4 EC                                                                         |      | 32.0 oz/a  | PRE   | A    | 108       |           | 100.0     | 30.0      | 75.0      | 95.0 | 90.0 |
|                                                       | CAPAROL     | 4 L                                                                          |      | 32.0 oz/a  | PRE   | A    | 203       |           | 99.0      | 30.0      | 65.0      | 95.0 | 99.0 |
|                                                       | CADRE       | 2 AS                                                                         |      | 4.0 oz/a   | POST  | C    | 302       |           | 90.0      | 50.0      | 70.0      | 95.0 | 95.0 |
|                                                       | 2,4-DB      | 2 SL                                                                         |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       | DUAL MAGNUM | 7.62 EC                                                                      |      | 16.0 oz/a  | POST  | C    |           |           |           |           |           |      |      |
|                                                       |             |                                                                              |      |            |       |      | Mean =    |           | 96.3      | 36.7      | 70.0      | 95.0 | 94.7 |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL |                |                               |           |            |           |     |           |           |           |           |
|-------------------------------------------------------|----------------|-------------------------------|-----------|------------|-----------|-----|-----------|-----------|-----------|-----------|
| Trial ID: PE-12-22                                    |                | Study Dir.: S.TAYLOR/         |           |            |           |     |           |           |           |           |
| Location: PONDER FARM                                 |                | Investigator: Eric P. Prostko |           |            |           |     |           |           |           |           |
| Weed Code                                             |                |                               |           |            |           |     | Amapa     | Rapra     | Agrass    | Amapa     |
| Crop Code                                             |                |                               |           |            |           |     | ----      | ----      | ----      | ----      |
| Part Rated                                            |                |                               |           |            |           |     |           |           |           |           |
| Rating Data Type                                      |                |                               |           |            |           |     | Control   | Control   | Control   | Control   |
| Rating Unit                                           |                |                               |           |            |           |     | %         | %         | %         | %         |
| Rating Date                                           |                |                               |           |            |           |     | May-20-22 | May-20-22 | May-20-22 | May-31-22 |
| Trt No.                                               | Treatment Name | Form Conc                     | Form Type | Rate       | Grow Unit | Stg | Appl Code | Plot      |           |           |
|                                                       |                |                               |           |            |           |     |           |           | 6         | 7         |
|                                                       |                |                               |           |            |           |     |           |           | 8         | 9         |
|                                                       |                |                               |           |            |           |     |           |           | 10        |           |
| 9                                                     | SONALAN HFP    | 4 EC                          |           | 32.0 oz/a  | PRE       | A   | 109       |           | 100.0     | 30.0      |
|                                                       | CAPAROL        | 4 L                           |           | 48.0 oz/a  | PRE       | A   | 206       |           | 100.0     | 50.0      |
|                                                       | CADRE          | 2 AS                          |           | 4.0 oz/a   | POST      | C   | 303       |           | 95.0      | 50.0      |
|                                                       | 2,4-DB         | 2 SL                          |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       | DUAL MAGNUM    | 7.62 EC                       |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       |                |                               |           |            |           |     | Mean =    |           | 98.3      | 43.3      |
| 10                                                    | SONALAN HFP    | 4 EC                          |           | 32.0 oz/a  | PRE       | A   | 110       |           | 95.0      | 100.0     |
|                                                       | CAPAROL        | 4 L                           |           | 24.0 oz/a  | PRE       | A   | 204       |           | 100.0     | 100.0     |
|                                                       | STRONGARM      | 84 WG                         |           | 0.225 oz/a | PRE       | A   | 311       |           | 95.0      | 100.0     |
|                                                       | CADRE          | 2 AS                          |           | 4.0 oz/a   | POST      | C   |           |           |           |           |
|                                                       | 2,4-DB         | 2 SL                          |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       | DUAL MAGNUM    | 7.62 EC                       |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       |                |                               |           |            |           |     | Mean =    |           | 96.7      | 100.0     |
| 11                                                    | SONALAN HFP    | 4 EC                          |           | 32.0 oz/a  | PRE       | A   | 111       |           | 90.0      | 85.0      |
|                                                       | CAPAROL        | 4 L                           |           | 24.0 oz/a  | PRE       | A   | 202       |           | 90.0      | 90.0      |
|                                                       | BRAKE          | 1.2 SL                        |           | 12.0 oz/a  | PRE       | A   | 306       |           | 90.0      | 95.0      |
|                                                       | CADRE          | 2 AS                          |           | 4.0 oz/a   | POST      | C   |           |           |           |           |
|                                                       | 2,4-DB         | 2 SL                          |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       | DUAL MAGNUM    | 7.62 EC                       |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       |                |                               |           |            |           |     | Mean =    |           | 90.0      | 90.0      |
| 12                                                    | SONALAN HFP    | 4 EC                          |           | 32.0 oz/a  | PRE       | A   | 112       |           | 100.0     | 95.0      |
|                                                       | CAPAROL        | 4 L                           |           | 24.0 oz/a  | PRE       | A   | 208       |           | 100.0     | 95.0      |
|                                                       | VULCARUS       | 4.17 SC                       |           | 1.0 oz/a   | PRE       | A   | 304       |           | 100.0     | 95.0      |
|                                                       | CADRE          | 2 AS                          |           | 4.0 oz/a   | POST      | C   |           |           |           |           |
|                                                       | 2,4-DB         | 2 SL                          |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       | DUAL MAGNUM    | 7.62 EC                       |           | 16.0 oz/a  | POST      | C   |           |           |           |           |
|                                                       |                |                               |           |            |           |     | Mean =    |           | 100.0     | 95.0      |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |             |         |      |                               |       |      |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|----------------------------------------------------------------------------------------|-------------|---------|------|-------------------------------|-------|------|----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------|------|-------|
| Trial ID: PE-12-22                                                                     |             |         |      | Study Dir.: S.TAYLOR/         |       |      |                                              |                                                         |                                                        |                                                         |                                            |      |       |
| Location: PONDER FARM                                                                  |             |         |      | Investigator: Eric P. Prostko |       |      |                                              |                                                         |                                                        |                                                         |                                            |      |       |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |             |         |      |                               |       |      | Agrass<br>-----<br>Control<br>%<br>May-31-22 | -----<br>ARAHY<br>PLANT, -<br>STUNTING<br>%<br>Jun-6-22 | -----<br>ARAHY<br>LEAF, -<br>NECROSIS<br>%<br>Jun-6-22 | -----<br>ARAHY<br>LEAF, -<br>CHLOROSIS<br>%<br>Jun-6-22 | AMAPA<br>-----<br>CONTROL<br>%<br>Jun-6-22 |      |       |
| Trt                                                                                    | Treatment   | Form    | Form | Rate                          | Grow  | Appl |                                              |                                                         |                                                        |                                                         |                                            |      |       |
| No.                                                                                    | Name        | Conc    | Type | Rate                          | Unit  | Stg  | Code                                         | Plot                                                    | 11                                                     | 12                                                      | 13                                         | 14   | 15    |
| 1                                                                                      | NTC         |         |      |                               |       |      | 101                                          |                                                         | 0.0                                                    | 0.0                                                     | 0.0                                        | 0.0  | 0.0   |
|                                                                                        |             |         |      |                               |       |      | 210                                          |                                                         | 0.0                                                    | 0.0                                                     | 0.0                                        | 0.0  | 0.0   |
|                                                                                        |             |         |      |                               |       |      | 305                                          |                                                         | 0.0                                                    | 0.0                                                     | 0.0                                        | 0.0  | 0.0   |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 0.0                                                    | 0.0                                                     | 0.0                                        | 0.0  | 0.0   |
| 2                                                                                      | SONALAN HFP | 4 EC    |      | 24.0 oz/a                     | PRE   | A    | 102                                          |                                                         | 85.0                                                   | 5.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    | 211                                          |                                                         | 90.0                                                   | 5.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    | 308                                          |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 88.3                                                   | 3.3                                                     | 0.0                                        | 0.0  | 100.0 |
| 3                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    | 103                                          |                                                         | 85.0                                                   | 10.0                                                    | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    | 201                                          |                                                         | 95.0                                                   | 5.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    | 312                                          |                                                         | 95.0                                                   | 0.0                                                     | 5.0                                        | 0.0  | 100.0 |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 91.7                                                   | 5.0                                                     | 1.7                                        | 0.0  | 100.0 |
| 4                                                                                      | PROWL H20   | 3.8 SC  |      | 32.0 oz/a                     | PRE   | A    | 104                                          |                                                         | 85.0                                                   | 10.0                                                    | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | VALOR EZ    | 4 SC    |      | 3.0 oz/a                      | PRE   | A    | 207                                          |                                                         | 95.0                                                   | 5.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | STRONGARM   | 84 WG   |      | 0.225 oz/a                    | PRE   | A    | 309                                          |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 100.0 |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 90.0                                                   | 5.0                                                     | 0.0                                        | 0.0  | 100.0 |
| 5                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    | 105                                          |                                                         | 85.0                                                   | 0.0                                                     | 5.0                                        | 20.0 | 100.0 |
|                                                                                        | GRAMOXONE   | 2 SL    |      | 12.0 oz/a                     | EPOST | B    | 209                                          |                                                         | 90.0                                                   | 0.0                                                     | 5.0                                        | 20.0 | 100.0 |
|                                                                                        | STORM       | 4 SL    |      | 16.0 oz/a                     | EPOST | B    | 310                                          |                                                         | 95.0                                                   | 0.0                                                     | 0.0                                        | 20.0 | 100.0 |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | EPOST | B    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 90.0                                                   | 0.0                                                     | 3.3                                        | 20.0 | 100.0 |
| 6                                                                                      | PROWL H20   | 3.8 SC  |      | 32.0 oz/a                     | PRE   | A    | 106                                          |                                                         | 95.0                                                   | 0.0                                                     | 0.0                                        | 20.0 | 100.0 |
|                                                                                        | GRAMOXONE   | 2 SL    |      | 12.0 oz/a                     | EPOST | B    | 205                                          |                                                         | 99.0                                                   | 0.0                                                     | 0.0                                        | 20.0 | 100.0 |
|                                                                                        | STORM       | 4 SL    |      | 16.0 oz/a                     | EPOST | B    | 307                                          |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 20.0 | 100.0 |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | EPOST | B    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | LPOST | D    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 93.0                                                   | 0.0                                                     | 0.0                                        | 20.0 | 100.0 |
| 7                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    | 107                                          |                                                         | 95.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 95.0  |
|                                                                                        | CAPAROL     | 4 L     |      | 24.0 oz/a                     | PRE   | A    | 212                                          |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 95.0  |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    | 301                                          |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 80.0  |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 91.7                                                   | 0.0                                                     | 0.0                                        | 0.0  | 90.0  |
| 8                                                                                      | SONALAN HFP | 4 EC    |      | 32.0 oz/a                     | PRE   | A    | 108                                          |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 95.0  |
|                                                                                        | CAPAROL     | 4 L     |      | 32.0 oz/a                     | PRE   | A    | 203                                          |                                                         | 75.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 95.0  |
|                                                                                        | CADRE       | 2 AS    |      | 4.0 oz/a                      | POST  | C    | 302                                          |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0  | 90.0  |
|                                                                                        | 2,4-DB      | 2 SL    |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a                     | POST  | C    |                                              |                                                         |                                                        |                                                         |                                            |      |       |
|                                                                                        |             |         |      |                               |       |      | Mean =                                       |                                                         | 83.3                                                   | 0.0                                                     | 0.0                                        | 0.0  | 93.3  |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |                |           |           |                               |           |     |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|----------------------------------------------------------------------------------------|----------------|-----------|-----------|-------------------------------|-----------|-----|---------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------|-----|-------|
| Trial ID: PE-12-22                                                                     |                |           |           | Study Dir.: S.TAYLOR/         |           |     |                                             |                                                         |                                                        |                                                         |                                            |     |       |
| Location: PONDER FARM                                                                  |                |           |           | Investigator: Eric P. Prostko |           |     |                                             |                                                         |                                                        |                                                         |                                            |     |       |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |                |           |           |                               |           |     | Agrass<br>----<br>Control<br>%<br>May-31-22 | -----<br>ARAHY<br>PLANT, -<br>STUNTING<br>%<br>Jun-6-22 | -----<br>ARAHY<br>LEAF, -<br>NECROSIS<br>%<br>Jun-6-22 | -----<br>ARAHY<br>LEAF, -<br>CHLOROSIS<br>%<br>Jun-6-22 | AMAPA<br>-----<br>CONTROL<br>%<br>Jun-6-22 |     |       |
| Trt No.                                                                                | Treatment Name | Form Conc | Form Type | Rate                          | Grow Unit | Stg | Appl Code                                   | Plot                                                    | 11                                                     | 12                                                      | 13                                         | 14  | 15    |
| 9                                                                                      | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 109                                         |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | CAPAROL        | 4 L       |           | 48.0 oz/a                     | PRE       | A   | 206                                         |                                                         | 95.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   | 303                                         |                                                         | 95.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | Mean =         |           |           |                               |           |     |                                             |                                                         | 91.7                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
| 10                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 110                                         |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 95.0  |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 204                                         |                                                         | 95.0                                                   | 0.0                                                     | 5.0                                        | 0.0 | 100.0 |
|                                                                                        | STRONGARM      | 84 WG     |           | 0.225 oz/a                    | PRE       | A   | 311                                         |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | Mean =         |           |           |                               |           |     |                                             |                                                         | 90.0                                                   | 0.0                                                     | 1.7                                        | 0.0 | 98.3  |
| 11                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 111                                         |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 95.0  |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 202                                         |                                                         | 80.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 95.0  |
|                                                                                        | BRAKE          | 1.2 SL    |           | 12.0 oz/a                     | PRE       | A   | 306                                         |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | Mean =         |           |           |                               |           |     |                                             |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 96.7  |
| 12                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 112                                         |                                                         | 90.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 208                                         |                                                         | 85.0                                                   | 0.0                                                     | 0.0                                        | 0.0 | 100.0 |
|                                                                                        | VULCARUS       | 4.17 SC   |           | 1.0 oz/a                      | PRE       | A   | 304                                         |                                                         | 90.0                                                   | 0.0                                                     | 5.0                                        | 0.0 | 100.0 |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                                             |                                                         |                                                        |                                                         |                                            |     |       |
|                                                                                        | Mean =         |           |           |                               |           |     |                                             |                                                         | 88.3                                                   | 0.0                                                     | 1.7                                        | 0.0 | 100.0 |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                                   |             |         |      |            |       |      |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|---------------------------------------------------------------------------------------------------------|-------------|---------|------|------------|-------|------|---------------------------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|---------------------------------------------|--------------------------------------------|-------|-------|
| Trial ID: PE-12-22      Study Dir.: S.TAYLOR/<br>Location: PONDER FARM    Investigator: Eric P. Prostko |             |         |      |            |       |      |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date                  |             |         |      |            |       |      | AGRASS<br>-----<br>CONTROL<br>%<br>Jun-6-22 | RAPRA<br>-----<br>CONTROL<br>%<br>Jun-6-22 | Amapa<br>-----<br>Control<br>%<br>Jun-21-22 | Agrass<br>-----<br>Control<br>%<br>Jun-21-22 | Rapra<br>-----<br>Control<br>%<br>Jun-21-22 | Amapa<br>-----<br>Control<br>%<br>Jul-5-22 |       |       |
| Trt                                                                                                     | Treatment   | Form    | Form | Rate       | Grow  | Appl |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
| No.                                                                                                     | Name        | Conc    | Type | Rate       | Unit  | Stg  | Code                                        | Plot                                       | 16                                          | 17                                           | 18                                          | 19                                         | 20    | 21    |
| 1                                                                                                       | NTC         |         |      |            |       |      | 101                                         |                                            | 0.0                                         | 0.0                                          | 0.0                                         | 0.0                                        | 0.0   | 0.0   |
|                                                                                                         |             |         |      |            |       |      | 210                                         |                                            | 0.0                                         | 0.0                                          | 0.0                                         | 0.0                                        | 0.0   | 0.0   |
|                                                                                                         |             |         |      |            |       |      | 305                                         |                                            | 0.0                                         | 0.0                                          | 0.0                                         | 0.0                                        | 0.0   | 0.0   |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 0.0                                         | 0.0                                          | 0.0                                         | 0.0                                        | 0.0   | 0.0   |
| 2                                                                                                       | SONALAN HFP | 4 EC    |      | 24.0 oz/a  | PRE   | A    | 102                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 211                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 308                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
| 3                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 103                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 201                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 312                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
| 4                                                                                                       | PROWL H20   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 104                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 207                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 309                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 95.0                                       | 100.0 | 100.0 |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 98.3                                       | 100.0 | 100.0 |
| 5                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 105                                         |                                            | 90.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 209                                         |                                            | 95.0                                        | 100.0                                        | 95.0                                        | 100.0                                      | 100.0 | 95.0  |
|                                                                                                         | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 310                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 93.3                                        | 100.0                                        | 98.3                                        | 100.0                                      | 100.0 | 98.3  |
| 6                                                                                                       | PROWL H20   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 106                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 205                                         |                                            | 100.0                                       | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 307                                         |                                            | 95.0                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | LPOST | D    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 96.7                                        | 100.0                                        | 100.0                                       | 100.0                                      | 100.0 | 100.0 |
| 7                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 107                                         |                                            | 95.0                                        | 100.0                                        | 95.0                                        | 100.0                                      | 100.0 | 95.0  |
|                                                                                                         | CAPAROL     | 4 L     |      | 24.0 oz/a  | PRE   | A    | 212                                         |                                            | 95.0                                        | 100.0                                        | 95.0                                        | 100.0                                      | 100.0 | 90.0  |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    | 301                                         |                                            | 90.0                                        | 100.0                                        | 80.0                                        | 100.0                                      | 100.0 | 65.0  |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 93.3                                        | 100.0                                        | 90.0                                        | 100.0                                      | 100.0 | 83.3  |
| 8                                                                                                       | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 108                                         |                                            | 90.0                                        | 100.0                                        | 95.0                                        | 100.0                                      | 100.0 | 85.0  |
|                                                                                                         | CAPAROL     | 4 L     |      | 32.0 oz/a  | PRE   | A    | 203                                         |                                            | 90.0                                        | 100.0                                        | 95.0                                        | 100.0                                      | 100.0 | 85.0  |
|                                                                                                         | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    | 302                                         |                                            | 90.0                                        | 100.0                                        | 90.0                                        | 100.0                                      | 100.0 | 85.0  |
|                                                                                                         | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                                             |                                            |                                             |                                              |                                             |                                            |       |       |
|                                                                                                         |             |         |      |            |       |      | Mean =                                      |                                            | 90.0                                        | 100.0                                        | 93.3                                        | 100.0                                      | 100.0 | 85.0  |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                  |                |           |           |                               |           |     |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|----------------------------------------------------------------------------------------|----------------|-----------|-----------|-------------------------------|-----------|-----|----------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Trial ID: PE-12-22                                                                     |                |           |           | Study Dir.: S.TAYLOR/         |           |     |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
| Location: PONDER FARM                                                                  |                |           |           | Investigator: Eric P. Prostko |           |     |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date |                |           |           |                               |           |     |                | AGRASS<br>-----<br><br>CONTROL<br>%<br>Jun-6-22 | RAPRA<br>-----<br><br>CONTROL<br>%<br>Jun-6-22 | Amapa<br>-----<br><br>Control<br>%<br>Jun-21-22 | Agrass<br>-----<br><br>Control<br>%<br>Jun-21-22 | Rapra<br>-----<br><br>Control<br>%<br>Jun-21-22 | Amapa<br>-----<br><br>Control<br>%<br>Jul-5-22 |
| Trt No.                                                                                | Treatment Name | Form Conc | Form Type | Rate                          | Grow Unit | Stg | Appl Code Plot | 16                                              | 17                                             | 18                                              | 19                                               | 20                                              | 21                                             |
| 9                                                                                      | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 109            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | CAPAROL        | 4 L       |           | 48.0 oz/a                     | PRE       | A   | 206            | 100.0                                           | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   | 303            | 95.0                                            | 100.0                                          | 95.0                                            | 100.0                                            | 100.0                                           | 95.0                                           |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | Mean =         |           |           |                               |           |     |                | 96.7                                            | 100.0                                          | 98.3                                            | 100.0                                            | 100.0                                           | 98.3                                           |
| 10                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 110            | 90.0                                            | 100.0                                          | 95.0                                            | 100.0                                            | 100.0                                           | 85.0                                           |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 204            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | STRONGARM      | 84 WG     |           | 0.225 oz/a                    | PRE       | A   | 311            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
| Mean =                                                                                 |                |           |           |                               |           |     | 93.3           | 100.0                                           | 98.3                                           | 100.0                                           | 100.0                                            | 95.0                                            |                                                |
| 11                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 111            | 95.0                                            | 100.0                                          | 95.0                                            | 100.0                                            | 100.0                                           | 85.0                                           |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 202            | 95.0                                            | 100.0                                          | 90.0                                            | 100.0                                            | 100.0                                           | 75.0                                           |
|                                                                                        | BRAKE          | 1.2 SL    |           | 12.0 oz/a                     | PRE       | A   | 306            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 95.0                                           |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
| Mean =                                                                                 |                |           |           |                               |           |     | 95.0           | 100.0                                           | 95.0                                           | 100.0                                           | 100.0                                            | 85.0                                            |                                                |
| 12                                                                                     | SONALAN HFP    | 4 EC      |           | 32.0 oz/a                     | PRE       | A   | 112            | 90.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | CAPAROL        | 4 L       |           | 24.0 oz/a                     | PRE       | A   | 208            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 95.0                                           |
|                                                                                        | VULCARUS       | 4.17 SC   |           | 1.0 oz/a                      | PRE       | A   | 304            | 95.0                                            | 100.0                                          | 100.0                                           | 100.0                                            | 100.0                                           | 100.0                                          |
|                                                                                        | CADRE          | 2 AS      |           | 4.0 oz/a                      | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | 2,4-DB         | 2 SL      |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
|                                                                                        | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a                     | POST      | C   |                |                                                 |                                                |                                                 |                                                  |                                                 |                                                |
| Mean =                                                                                 |                |           |           |                               |           |     | 93.3           | 100.0                                           | 100.0                                          | 100.0                                           | 100.0                                            | 98.3                                            |                                                |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                                     |             |         |      |            |       |      |                          |                          |                          |                                     |                                     |                                     |      |        |
|-----------------------------------------------------------------------------------------------------------|-------------|---------|------|------------|-------|------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------|--------|
| Trial ID: PE-12-22      Study Dir.: S.TAYLOR/<br>Location: PONDER FARM      Investigator: Eric P. Prostko |             |         |      |            |       |      |                          |                          |                          |                                     |                                     |                                     |      |        |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date                    |             |         |      |            |       |      | Agrass<br>---            | Amapa<br>---             | Agrass<br>---            | -----<br>ARAHY<br>YIELD, -<br>DIRTY | -----<br>ARAHY<br>YIELD, -<br>CLEAN | -----<br>ARAHY<br>YIELD, -<br>YIELD |      |        |
|                                                                                                           |             |         |      |            |       |      | Control<br>%<br>Jul-5-22 | Control<br>%<br>Aug-8-22 | Control<br>%<br>Aug-8-22 | LBS/PLOT<br>Sep-19-22               | LBS/PLOT<br>Sep-19-22               | LBS/A<br>Sep-19-22                  |      |        |
| Trt                                                                                                       | Treatment   | Form    | Form | Rate       | Grow  | Appl |                          |                          |                          |                                     |                                     |                                     |      |        |
| No.                                                                                                       | Name        | Conc    | Type | Rate       | Unit  | Stg  | Code                     | Plot                     | 22                       | 23                                  | 24                                  | 25                                  | 26   | 27     |
| 1                                                                                                         | NTC         |         |      |            |       |      | 101                      |                          | 0.0                      | 0.0                                 | 0.0                                 | 0.00                                | 0.0  | 0.0    |
|                                                                                                           |             |         |      |            |       |      | 210                      |                          | 0.0                      | 0.0                                 | 0.0                                 | 0.00                                | 0.0  | 0.0    |
|                                                                                                           |             |         |      |            |       |      | 305                      |                          | 0.0                      | 0.0                                 | 0.0                                 | 0.00                                | 0.0  | 0.0    |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 0.0                      | 0.0                                 | 0.0                                 | 0.00                                | 0.0  | 0.0    |
| 2                                                                                                         | SONALAN HFP | 4 EC    |      | 24.0 oz/a  | PRE   | A    | 102                      |                          | 100.0                    | 99.0                                | 99.0                                | 21.80                               | 21.4 | 5811.2 |
|                                                                                                           | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 211                      |                          | 100.0                    | 99.0                                | 99.0                                | 19.30                               | 18.9 | 5144.8 |
|                                                                                                           | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 308                      |                          | 95.0                     | 99.0                                |                                     | 23.90                               | 23.4 | 6371.0 |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 98.3                     | 99.0                                | 94.3                                | 21.67                               | 21.2 | 5775.6 |
| 3                                                                                                         | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 103                      |                          | 100.0                    | 99.0                                | 95.0                                | 23.30                               | 22.8 | 6211.0 |
|                                                                                                           | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 201                      |                          | 100.0                    | 99.0                                | 99.0                                | 20.00                               | 19.6 | 5331.4 |
|                                                                                                           | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 312                      |                          | 100.0                    | 99.0                                | 99.0                                | 25.30                               | 24.8 | 6744.2 |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 100.0                    | 99.0                                | 97.7                                | 22.87                               | 22.4 | 6095.5 |
| 4                                                                                                         | PROWL H2O   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 104                      |                          | 100.0                    | 99.0                                | 95.0                                | 22.40                               | 22.0 | 5971.1 |
|                                                                                                           | VALOR EZ    | 4 SC    |      | 3.0 oz/a   | PRE   | A    | 207                      |                          | 100.0                    | 99.0                                | 99.0                                | 21.80                               | 21.4 | 5811.2 |
|                                                                                                           | STRONGARM   | 84 WG   |      | 0.225 oz/a | PRE   | A    | 309                      |                          | 95.0                     | 99.0                                | 90.0                                | 25.80                               | 25.3 | 6877.5 |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 98.3                     | 99.0                                | 94.7                                | 23.33                               | 22.9 | 6219.9 |
| 5                                                                                                         | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 105                      |                          | 100.0                    | 99.0                                | 99.0                                | 23.30                               | 22.8 | 6211.0 |
|                                                                                                           | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 209                      |                          | 100.0                    | 95.0                                | 99.0                                | 17.90                               | 17.5 | 4771.6 |
|                                                                                                           | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 310                      |                          | 100.0                    | 99.0                                | 95.0                                | 20.40                               | 20.0 | 5438.0 |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 100.0                    | 97.7                                | 97.7                                | 20.53                               | 20.1 | 5473.5 |
| 6                                                                                                         | PROWL H2O   | 3.8 SC  |      | 32.0 oz/a  | PRE   | A    | 106                      |                          | 100.0                    | 99.0                                | 95.0                                | 21.10                               | 20.7 | 5624.6 |
|                                                                                                           | GRAMOXONE   | 2 SL    |      | 12.0 oz/a  | EPOST | B    | 205                      |                          | 100.0                    | 99.0                                | 99.0                                | 20.50                               | 20.1 | 5464.6 |
|                                                                                                           | STORM       | 4 SL    |      | 16.0 oz/a  | EPOST | B    | 307                      |                          | 100.0                    | 99.0                                | 99.0                                | 22.80                               | 22.3 | 6077.7 |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | EPOST | B    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | LPOST | D    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 100.0                    | 99.0                                | 97.7                                | 21.47                               | 21.0 | 5722.3 |
| 7                                                                                                         | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 107                      |                          | 100.0                    | 95.0                                | 99.0                                | 19.70                               | 19.3 | 5251.4 |
|                                                                                                           | CAPAROL     | 4 L     |      | 24.0 oz/a  | PRE   | A    | 212                      |                          | 95.0                     | 85.0                                | 90.0                                | 20.40                               | 20.0 | 5438.0 |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    | 301                      |                          | 100.0                    | 60.0                                | 99.0                                | 19.40                               | 19.0 | 5171.4 |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 98.3                     | 80.0                                | 96.0                                | 19.83                               | 19.4 | 5286.9 |
| 8                                                                                                         | SONALAN HFP | 4 EC    |      | 32.0 oz/a  | PRE   | A    | 108                      |                          | 80.0                     | 90.0                                | 95.0                                | 18.80                               | 18.4 | 5011.5 |
|                                                                                                           | CAPAROL     | 4 L     |      | 32.0 oz/a  | PRE   | A    | 203                      |                          | 100.0                    | 85.0                                | 95.0                                | 19.20                               | 18.8 | 5118.1 |
|                                                                                                           | CADRE       | 2 AS    |      | 4.0 oz/a   | POST  | C    | 302                      |                          | 100.0                    | 80.0                                | 99.0                                | 23.40                               | 22.9 | 6237.7 |
|                                                                                                           | 2,4-DB      | 2 SL    |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           | DUAL MAGNUM | 7.62 EC |      | 16.0 oz/a  | POST  | C    |                          |                          |                          |                                     |                                     |                                     |      |        |
|                                                                                                           |             |         |      |            |       |      | Mean =                   |                          | 93.3                     | 85.0                                | 96.3                                | 20.47                               | 20.1 | 5455.8 |

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| WEED CONTROL IN PEANUTS WITH<br>PROWL/SONALAN/CAPAROL                                           |                |           |           |            |           |     |                |                          |                          |                          |                                     |                                     |
|-------------------------------------------------------------------------------------------------|----------------|-----------|-----------|------------|-----------|-----|----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| Trial ID: PE-12-22 Study Dir.: S.TAYLOR/<br>Location: PONDER FARM Investigator: Eric P. Prostko |                |           |           |            |           |     |                |                          |                          |                          |                                     |                                     |
| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date          |                |           |           |            |           |     |                | Agrass<br>---            | Amapa<br>---             | Agrass<br>---            | -----<br>ARAHY<br>YIELD, -<br>DIRTY | -----<br>ARAHY<br>YIELD, -<br>CLEAN |
|                                                                                                 |                |           |           |            |           |     |                | Control<br>%<br>Jul-5-22 | Control<br>%<br>Aug-8-22 | Control<br>%<br>Aug-8-22 | LBS/PLOT<br>Sep-19-22               | LBS/PLOT<br>Sep-19-22               |
|                                                                                                 |                |           |           |            |           |     |                | 22                       | 23                       | 24                       | 25                                  | 26                                  |
| Trt No.                                                                                         | Treatment Name | Form Conc | Form Type | Rate       | Grow Unit | Stg | Appl Code Plot |                          |                          |                          |                                     |                                     |
| 9                                                                                               | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE       | A   | 109            | 100.0                    | 99.0                     | 95.0                     | 22.40                               | 22.0                                |
|                                                                                                 | CAPAROL        | 4 L       |           | 48.0 oz/a  | PRE       | A   | 206            | 95.0                     | 99.0                     | 90.0                     | 22.90                               | 22.4                                |
|                                                                                                 | CADRE          | 2 AS      |           | 4.0 oz/a   | POST      | C   | 303            | 95.0                     | 95.0                     | 90.0                     | 19.40                               | 19.0                                |
|                                                                                                 | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | Mean =         |           |           |            |           |     |                | 96.7                     | 97.7                     | 91.7                     | 21.57                               | 21.1                                |
| 10                                                                                              | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE       | A   | 110            | 100.0                    | 80.0                     | 95.0                     | 21.60                               | 21.2                                |
|                                                                                                 | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE       | A   | 204            | 100.0                    | 99.0                     | 95.0                     | 19.50                               | 19.1                                |
|                                                                                                 | STRONGARM      | 84 WG     |           | 0.225 oz/a | PRE       | A   | 311            | 100.0                    | 99.0                     | 99.0                     | 18.90                               | 18.5                                |
|                                                                                                 | CADRE          | 2 AS      |           | 4.0 oz/a   | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | Mean =         |           |           |            |           |     |                | 100.0                    | 92.7                     | 96.3                     | 20.00                               | 19.6                                |
| 11                                                                                              | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE       | A   | 111            | 100.0                    | 75.0                     | 95.0                     | 19.80                               | 19.4                                |
|                                                                                                 | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE       | A   | 202            | 95.0                     | 70.0                     | 95.0                     | .                                   | .                                   |
|                                                                                                 | BRAKE          | 1.2 SL    |           | 12.0 oz/a  | PRE       | A   | 306            | 95.0                     | 99.0                     | 90.0                     | 19.60                               | 19.2                                |
|                                                                                                 | CADRE          | 2 AS      |           | 4.0 oz/a   | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | Mean =         |           |           |            |           |     |                | 96.7                     | 81.3                     | 93.3                     | 19.70                               | 19.3                                |
| 12                                                                                              | SONALAN HFP    | 4 EC      |           | 32.0 oz/a  | PRE       | A   | 112            | 95.0                     | 99.0                     | 99.0                     | 20.80                               | 20.4                                |
|                                                                                                 | CAPAROL        | 4 L       |           | 24.0 oz/a  | PRE       | A   | 208            | 95.0                     | 95.0                     | 95.0                     | 22.00                               | 21.6                                |
|                                                                                                 | VULCARUS       | 4.17 SC   |           | 1.0 oz/a   | PRE       | A   | 304            | 100.0                    | 99.0                     | 99.0                     | 24.70                               | 24.2                                |
|                                                                                                 | CADRE          | 2 AS      |           | 4.0 oz/a   | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | 2,4-DB         | 2 SL      |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | DUAL MAGNUM    | 7.62 EC   |           | 16.0 oz/a  | POST      | C   |                |                          |                          |                          |                                     |                                     |
|                                                                                                 | Mean =         |           |           |            |           |     |                | 96.7                     | 97.7                     | 97.7                     | 22.50                               | 22.1                                |
|                                                                                                 |                |           |           |            |           |     |                |                          |                          |                          |                                     | 5997.8                              |

# University of Georgia

WEED CONTROL IN PEANUTS WITH

PROWL/SONALAN/CAPAROL

Trial ID: PE-12-22

Study Dir.: S.TAYLOR/

Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

Leaf = LEAF / FOLIAGE

PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

Rating Unit

% = PERCENT

ARM Action Codes

T1 = [25]\*0.98

TY2 = 272.008\*[26]