

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet  
Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

| Trt No. | Treatment Name     | Form Conc | Form Type | Rate Rate Unit | Amt Product to Measure | Diluent | Rep 1 | 2   | 3   | 4   |
|---------|--------------------|-----------|-----------|----------------|------------------------|---------|-------|-----|-----|-----|
| 1       | NO HERBICIDE 1 DAP |           |           |                |                        | -       | 101   | 208 | 312 | 406 |
| 2       | NO HERBICIDE 3 DAP |           |           |                |                        | -       | 102   | 201 | 306 | 407 |
| 3       | NO HERBICIDE 5 DAP |           |           |                |                        | -       | 103   | 210 | 311 | 402 |
| 4       | NO HERBICIDE 7 DAP |           |           |                |                        | -       | 104   | 209 | 301 | 410 |
| 5       | BRAKE 1 DAP        | 1.2 SL    |           | 12.0 oz/a      | 9.375 mL/mx            | -       | 105   | 211 | 307 | 403 |
| 6       | BRAKE 3 DAP        | 1.2 SL    |           | 12.0 oz/a      | 9.375 mL/mx            | -       | 106   | 207 | 310 | 401 |
| 7       | BRAKE 5 DAP        | 1.2 SL    |           | 12.0 oz/a      | 9.375 mL/mx            | -       | 107   | 212 | 308 | 405 |
| 8       | BRAKE 7 DAP        | 1.2 SL    |           | 12.0 oz/a      | 9.375 mL/mx            | -       | 108   | 202 | 304 | 408 |
| 9       | VULCARUS 1 DAP     | 4.17 SC   |           | 1.0 oz/a       | 0.7812 mL/mx           | -       | 109   | 203 | 302 | 412 |
| 10      | VULCARUS 3 DAP     | 4.17 SC   |           | 1.0 oz/a       | 0.7812 mL/mx           | -       | 110   | 206 | 303 | 409 |
| 11      | VULCARUS 5 DAP     | 4.17 SC   |           | 1.0 oz/a       | 0.7812 mL/mx           | -       | 111   | 204 | 305 | 411 |
| 12      | VULCARUS 7 DAP     | 4.17 SC   |           | 1.0 oz/a       | 0.7812 mL/mx           | -       | 112   | 205 | 309 | 404 |

Sort Order: Treatment

### Trial Comments

MAINTAINED WEED-FREE

ROUNDUP P-MAX3 @ 22 OZ/A + PROWL H2O @ 32 OZ/A + STRONGARM @ 0.45 OZ/A - PRE

ULTRA BLAZER @ 24 OZ/A + DUAL MAGNUM @ 16 OZ/A - MAY 18

SELECT MAX @ 16 OZ/A + DUAL AMGNUM @ 16 OZ/A - JUNE 2

### **PEANUT GROWTH STAGES AT APPLICATION**

1 DAP: SEED SLIGHTLY SWOLLEN; NO RADICLE; NO SOIL CRACKING

3 DAP: RADICAL = 0.25-1" LONG; NO SOIL CRACKING

5 DAP: GROUND CRACKING; NO EMERGENCE OR GREEN TISSUE SHOWING; COTYLEDONS WERE SPLIT; 1 TETRAFOLIOLATE LEAF; ROOT=1.5-2"; HYPOCOTYL=1"; ALL BELOW GROUND

7 DAP: GROUND CRACKING; SOME GREEN PLANT TISSUE EXPOSED (20-25%); 1" GREEN ABOVE SOIL SURFACE; ROOT=2"; HYPOCOTYL=1.25"; EPICOTYL=0.5"

DIGGING DATE: 09/16/22 (137 DAP)

HARVEST DATE: 09/20/22

HARVEST MOISTURE: 16.5%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

### **SUMMARY:**

1) PEANUT STAND ON MAY 16 (13 DAP) WAS NOT INFLUENCED BY EITHER HERBICIDE OR TIMING (P>0.30).

2) PEANUT STUNTING ON MAY 16 (13 DAP) WAS INFLUENCED BY HERBICIDE AND TIMING. WHEN AVERAGED OVER TIMING, VULCARUS WAS MORE INJURIOUS THAN BRAKE. WHEN AVERAGED OVER HERBICIDE, APPLICATIONS MADE AT

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7 DAP WERE MORE INJURIOUS THAN 1 DAP OR 3 DAP BUT NOT 5 DAP.

3) BRAKE APPLIED 5 DAP (13%) AND 7 DAP (24%) CAUSED THE MOST BLEACHING ON MAY 16 (13 DAP). BY JUNE 2 (30 DAP), BLEACHING WAS LESS THAN 4%.

4) ON MAY 16 (13 DAP), VULCARUS APPLIED AT 3 DAP CAUSED 4% LEAF NECROSIS. NECROSIS WAS UNDETECTABLE BY JUNE 2 (30 DAP)

5) PEANUT PLANT HEIGHTS ON JUNE 6 (34 DAP) WERE NOT INFLUENCED BY EITHER HERBICIDE OR TIMING ( $P>0.12$ ).

6) PEANUT PLANT WIDTHS ON JUNE 6 (34 DAP) WERE SIGNIFICANTLY REDUCED (8-11%) BY BOTH BRAKE AND VULCARUS (AVERAGED OVER ALL TIMINGS). TIMING HAD NO EFFECT ON PEANUT WIDTH.

7) PEANUT PLANT HEIGHTS ON JULY 21 (79 DAP) WERE NOT INFLUENCED BY HERBICIDE ( $P>0.75$ ). BUT, HEIGHTS WERE REDUCED, WHEN AVERAGED OVER HERBICIDE, WITH APPLICATIONS MADE AT 1,3, OR 5 DAP.

8) PEANUT YIELDS WERE NOT REDUCED BY EITHER HERBICIDE OR TIMING ( $P>0.14$ ).

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## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

### GENERAL TRIAL INFORMATION

**Study Director:** N. SHAY **Title:** \_\_\_\_\_  
**Affiliation:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_

**Investigator:** Eric P. Prostko **Title:** \_\_\_\_\_  
**Affiliation:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_

### TRIAL LOCATION

**City:** \_\_\_\_\_ **Trial Status:** E  
**State/Prov.:** \_\_\_\_\_ **Trial Reliability:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_ **Initiation Date:** \_\_\_\_\_  
**Country:** \_\_\_\_\_ **Planned Completion Date:** \_\_\_\_\_  
**E-Longitude of LL Corner °:** \_\_\_\_\_ **N-Latitude of LL Corner °:** \_\_\_\_\_  
**Altitude of LL Corner:** \_\_\_\_\_ **Unit:** \_\_\_\_\_ **Angle y-axis to North °:** \_\_\_\_\_  
**Directions:** \_\_\_\_\_

### COOPERATOR/LANDOWNER

**Cooperator:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Org:** \_\_\_\_\_ **Phone No:** \_\_\_\_\_  
**Address 1:** \_\_\_\_\_ **Fax No:** \_\_\_\_\_  
**Address 2:** \_\_\_\_\_  
**City:** \_\_\_\_\_  
**State/Prov:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_

**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.   |      |             |                 |

**Crop 1:** ARAHY PEANUT **Variety:** GA-06G  
**Planting Date:** May-3-22 **Planting Method:** MONOSEM TWIN ROW  
**Rate:** 3.1 SEED/RW FT **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:** 4  
**Site Type:** \_\_\_\_\_  
**Tillage Type:** CONVENTIONAL **Study Design:** FACTOR

**Trial Initiation Comments:**

|    | Previous Crops | Previous Pesticides | Year |
|----|----------------|---------------------|------|
| 1. | SORGHUM        |                     | 2021 |

### MAINTENANCE

**Field Prep./Maintenance:** 36"9" TWIN ROWS  
THIMET INFR @ 5 LBS/A  
300 LBS/A 5-15-30 PREPLANT  
1.5 TONS/A LIME PREPLANT  
RANCONA VPD SEED TREATMENT  
GYPSUM @ 1 TON/A ON JUNE 6

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| 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: 2 pH: 6.0 Soil Name: TIFTON  
 % Clay: 4 CEC: 2.2 Fert. Level: GOOD

### ADDITIONAL MEASURED ELEMENTS

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

### MOISTURE CONDITIONS

|     | Date      | Time | Amount | Unit | Type                     | Interval | Unit |
|-----|-----------|------|--------|------|--------------------------|----------|------|
| 1.  | May-3-22  |      | 0.3    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 2.  | May-5-22  |      | 0.2    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 3.  | May-6-22  |      | 0.45   | IN   | RAINFALL                 |          |      |
| 4.  | May-10-22 |      | 0.38   | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 5.  | May-17-22 |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 6.  | May-24-22 |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 7.  | May-24-22 |      | 1.8    | IN   | RAINFALL                 |          |      |
| 8.  | Jun-1-22  |      | 0.6    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 9.  | Jun-7-22  |      | 0.5    | IN   | SPRINKLER - LATERAL MOVE |          |      |
| 10. |           |      |        |      |                          |          |      |
| 11. |           |      |        |      |                          |          |      |

Overall Moisture Conditions: \_\_\_\_\_

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

### APPLICATION DESCRIPTION

|                      | A         | B         | C         | D         |
|----------------------|-----------|-----------|-----------|-----------|
| Application Date:    | May-4-22  | May-6-22  | May-8-22  | May-10-22 |
| Time of Day:         | 6:40 AM   | 6:30 AM   | 12:15 PM  | 7:00 AM   |
| Application Method:  | BROADCAST | BROADCAST | BROADCAST | BROADCAST |
| Application Timing:  | 1 DAP     | 3 DAP     | 5 DAP     | 7 DAP     |
| Applic. Placement:   | SOIL      | SOIL      | SOIL      | FOLIAGE   |
| Air Temp., Unit:     | 68 F      | 69 F      | 73 F      | 53 F      |
| % Relative Humidity: | 96        | 94        | 52        | 91        |
| Wind Velocity, Unit: | 1 MPH     | 5 MPH     | 3 MPH     | 0 MPH     |
| Dew Presence (Y/N):  | N         | N         | N         | Y         |
| Water Hardness:      | --        | --        | --        | --        |
| Soil Temp., Unit:    | 72 F      | 73 F      | 78 F      | 60 F      |
| Soil Moisture:       | DRY       | OPTIMUM   | OPTIMUM   | OPTIMUM   |
| % Cloud Cover:       | 100       | 100       | 5         | 0         |

### CROP STAGE AT EACH APPLICATION

|                     | A      | B      | C      | D      |
|---------------------|--------|--------|--------|--------|
| Crop 1 Code, Stage: | ARAHY, | ARAHY, | ARAHY, | ARAHY, |
| Stage Scale:        |        |        |        |        |
| Height, Unit:       |        |        |        |        |

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### WEED STAGE AT EACH APPLICATION

|                     | A | B | C | D |
|---------------------|---|---|---|---|
| Weed 1 Code, Stage: |   |   |   |   |
| Stage Scale:        |   |   |   |   |
| Density, Unit:      |   |   |   |   |

### APPLICATION EQUIPMENT

|                       | A        | B    | C    | D    |
|-----------------------|----------|------|------|------|
| Appl. Equipment:      | BACKPACK | SAME | SAME | SAME |
| Operating Pressure:   | 37       |      |      |      |
| 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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| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date | Arahy<br>Plant, -<br>Stand<br>#/5ft<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>Jun-2-22 |
|----------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------|----------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------------|
| Trt Treatment<br>No. Name<br>Form Form<br>Conc Type Rate<br>Rate Unit                  | 1                                                | 2                                            | 3                                            | 4                                              | 5                                           | 6                                           | 7                                             |
| TABLE OF R MEANS                                                                       |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| Replicate 1                                                                            | 26.4                                             | 8.3                                          | 4.2                                          | 0.0                                            | 0.0                                         | 0.8                                         | 0.0                                           |
| Replicate 2                                                                            | 25.8                                             | 9.6                                          | 2.9                                          | 0.0                                            | 0.0                                         | 0.8                                         | 0.0                                           |
| Replicate 3                                                                            | 25.9                                             | 8.3                                          | 2.9                                          | 1.7                                            | 0.8                                         | 0.8                                         | 0.0                                           |
| Replicate 4                                                                            | 26.0                                             | 5.8                                          | 2.9                                          | 0.4                                            | 0.0                                         | 0.4                                         | 0.0                                           |
| TABLE OF A (HERBICIDE) MEANS                                                           |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 NO HERBICIDE                                                                         | 26.9 a                                           | 0.0 c                                        | 0.0 b                                        | 0.0 a                                          | 0.0 a                                       | 0.0 a                                       | 0.0 a                                         |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 25.3 a                                           | 8.1 b                                        | 9.7 a                                        | 0.0 a                                          | 0.0 a                                       | 1.3 a                                       | 0.0 a                                         |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 25.9 a                                           | 15.9 a                                       | 0.0 b                                        | 1.6 a                                          | 0.6 a                                       | 0.9 a                                       | 0.0 a                                         |
| LSD P=.10                                                                              | 1.85                                             | 2.58                                         | 1.49                                         | 1.88                                           | 0.99                                        | 1.49                                        | .                                             |
| Standard Deviation                                                                     | 2.69                                             | 3.75                                         | 2.17                                         | 2.73                                           | 1.44                                        | 2.17                                        | 0.00                                          |
| CV                                                                                     | 10.35                                            | 46.75                                        | 67.05                                        | 524.60                                         | 692.82                                      | 296.92                                      | 0.00                                          |
| TABLE OF B (TIMING) MEANS                                                              |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 1 DAP                                                                                | 25.3 a                                           | 6.7 b                                        | 0.0 c                                        | 0.4 a                                          | 0.0 a                                       | 0.0 a                                       | 0.0 a                                         |
| 2 3 DAP                                                                                | 26.5 a                                           | 5.4 b                                        | 0.8 c                                        | 1.3 a                                          | 0.0 a                                       | 0.8 a                                       | 0.0 a                                         |
| 3 5 DAP                                                                                | 26.8 a                                           | 8.8 ab                                       | 4.2 b                                        | 0.4 a                                          | 0.0 a                                       | 0.8 a                                       | 0.0 a                                         |
| 4 7 DAP                                                                                | 25.5 a                                           | 11.3 a                                       | 7.9 a                                        | 0.0 a                                          | 0.8 a                                       | 1.3 a                                       | 0.0 a                                         |
| LSD P=.10                                                                              | 1.84                                             | 3.78                                         | 1.62                                         | 0.90                                           | 1.08                                        | 1.15                                        | .                                             |
| Standard Deviation                                                                     | 2.46                                             | 5.05                                         | 2.17                                         | 1.20                                           | 1.44                                        | 1.54                                        | 0.00                                          |
| CV                                                                                     | 9.44                                             | 62.98                                        | 67.05                                        | 230.94                                         | 692.82                                      | 211.25                                      | 0.00                                          |
| TABLE OF A (HERBICIDE) B (TIMING) MEANS                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 NO HERBICIDE                                                                         | 26.3 a                                           | 0.0 a                                        | 0.0 c                                        | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 1 1 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 25.8 a                                           | 7.5 a                                        | 0.0 c                                        | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 1 1 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 23.8 a                                           | 12.5 a                                       | 0.0 c                                        | 1.3 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 1 1 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 NO HERBICIDE                                                                         | 27.0 a                                           | 0.0 a                                        | 0.0 c                                        | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 2 3 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 24.8 a                                           | 2.5 a                                        | 2.5 c                                        | 0.0 b                                          | 0.0 a                                       | 1.3 bc                                      | 0.0 a                                         |
| 2 3 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 27.8 a                                           | 13.8 a                                       | 0.0 c                                        | 3.8 a                                          | 0.0 a                                       | 1.3 bc                                      | 0.0 a                                         |
| 2 3 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 NO HERBICIDE                                                                         | 29.0 a                                           | 0.0 a                                        | 0.0 c                                        | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 3 5 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 25.3 a                                           | 11.3 a                                       | 12.5 b                                       | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 3 5 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 26.3 a                                           | 15.0 a                                       | 0.0 c                                        | 1.3 b                                          | 0.0 a                                       | 2.5 ab                                      | 0.0 a                                         |
| 3 5 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 1 NO HERBICIDE                                                                         | 25.3 a                                           | 0.0 a                                        | 0.0 c                                        | 0.0 b                                          | 0.0 a                                       | 0.0 c                                       | 0.0 a                                         |
| 4 7 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 25.3 a                                           | 11.3 a                                       | 23.8 a                                       | 0.0 b                                          | 0.0 a                                       | 3.8 a                                       | 0.0 a                                         |
| 4 7 DAP                                                                                |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |

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.

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|                    |  |  |  |  |      |      |      |      |      |   |      |
|--------------------|--|--|--|--|------|------|------|------|------|---|------|
| Weed Code          |  |  |  |  |      |      |      |      |      |   |      |
| Crop Code          |  |  |  |  |      |      |      |      |      |   |      |
| Part Rated         |  |  |  |  |      |      |      |      |      |   |      |
| Rating Data Type   |  |  |  |  |      |      |      |      |      |   |      |
| Rating Unit        |  |  |  |  |      |      |      |      |      |   |      |
| Rating Date        |  |  |  |  |      |      |      |      |      |   |      |
|                    |  |  |  |  |      |      |      |      |      |   |      |
| Trt Treatment      |  |  |  |  | Form | Form | Rate |      |      |   |      |
| No. Name           |  |  |  |  | Conc | Type | Rate | Unit |      |   |      |
|                    |  |  |  |  | 1    |      | 2    |      | 3    |   | 4    |
| 3 VULCARUS         |  |  |  |  | 4.17 | SC   | 1.0  | oz/a | 26.0 | a | 22.5 |
| 4 7 DAP            |  |  |  |  |      |      |      |      | 0.0  | c | 0.0  |
|                    |  |  |  |  |      |      |      |      | b    |   | 2.5  |
| LSD P=.10          |  |  |  |  |      |      |      |      | a    |   | 0.0  |
| Standard Deviation |  |  |  |  |      |      |      |      | c    |   | 0.0  |
| CV                 |  |  |  |  |      |      |      |      | a    |   | 0.0  |

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.

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| Weed Code<br>Crop Code<br>Part Rated<br>Rating Data Type<br>Rating Unit<br>Rating Date | Arahy<br>Plant, -<br>Ht1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht2<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-HGT<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt2<br>In<br>Jun-6-22 |
|----------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Trt Treatment<br>No. Name<br>Form Form<br>Conc Type Rate<br>Rate Unit                  | 8                                          | 9                                          | 10                                         | 11                                         | 12                                         | 13                                             | 14                                         | 15                                         |
| TABLE OF R MEANS                                                                       |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Replicate 1                                                                            | 4.83                                       | 5.29                                       | 5.13                                       | 4.88                                       | 5.25                                       | 5.1                                            | 7.67                                       | 7.54                                       |
| Replicate 2                                                                            | 5.67                                       | 5.33                                       | 4.92                                       | 4.92                                       | 5.29                                       | 5.2                                            | 9.42                                       | 9.08                                       |
| Replicate 3                                                                            | 5.25                                       | 5.46                                       | 4.96                                       | 5.04                                       | 5.17                                       | 5.2                                            | 9.29                                       | 8.96                                       |
| Replicate 4                                                                            | 5.25                                       | 5.42                                       | 5.29                                       | 5.38                                       | 5.50                                       | 5.4                                            | 9.54                                       | 8.96                                       |
| TABLE OF A (HERBICIDE) MEANS                                                           |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 NO HERBICIDE                                                                         | 5.34 a                                     | 5.31 a                                     | 5.19 a                                     | 5.31 a                                     | 5.50 a                                     | 5.3 a                                          | 9.50 a                                     | 9.28 a                                     |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 5.19 a                                     | 5.50 a                                     | 5.00 a                                     | 4.94 b                                     | 5.38 a                                     | 5.2 a                                          | 9.16 a                                     | 8.28 b                                     |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 5.22 a                                     | 5.31 a                                     | 5.03 a                                     | 4.91 b                                     | 5.03 a                                     | 5.1 a                                          | 8.28 a                                     | 8.34 b                                     |
| LSD P=.10                                                                              | 0.431                                      | 0.348                                      | 0.231                                      | 0.291                                      | 0.726                                      | 0.18                                           | 1.041                                      | 0.735                                      |
| Standard Deviation                                                                     | 0.628                                      | 0.507                                      | 0.336                                      | 0.423                                      | 1.057                                      | 0.26                                           | 1.516                                      | 1.070                                      |
| CV                                                                                     | 11.958                                     | 9.431                                      | 6.622                                      | 8.370                                      | 19.927                                     | 5.09                                           | 16.878                                     | 12.396                                     |
| TABLE OF B (TIMING) MEANS                                                              |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 1 DAP                                                                                | 5.25 a                                     | 5.04 a                                     | 5.04 a                                     | 4.96 a                                     | 5.46 a                                     | 5.2 a                                          | 8.96 a                                     | 9.17 a                                     |
| 2 3 DAP                                                                                | 5.08 a                                     | 5.46 a                                     | 5.29 a                                     | 5.13 a                                     | 5.33 a                                     | 5.3 a                                          | 9.42 a                                     | 8.79 a                                     |
| 3 5 DAP                                                                                | 5.46 a                                     | 5.38 a                                     | 5.00 a                                     | 5.25 a                                     | 5.46 a                                     | 5.3 a                                          | 8.92 a                                     | 8.79 a                                     |
| 4 7 DAP                                                                                | 5.21 a                                     | 5.63 a                                     | 4.96 a                                     | 4.88 a                                     | 4.96 a                                     | 5.1 a                                          | 8.63 a                                     | 7.79 b                                     |
| LSD P=.10                                                                              | 0.546                                      | 0.398                                      | 0.453                                      | 0.361                                      | 0.546                                      | 0.26                                           | 0.977                                      | 0.831                                      |
| Standard Deviation                                                                     | 0.730                                      | 0.531                                      | 0.605                                      | 0.482                                      | 0.730                                      | 0.34                                           | 1.306                                      | 1.110                                      |
| CV                                                                                     | 13.898                                     | 9.887                                      | 11.931                                     | 9.535                                      | 13.769                                     | 6.59                                           | 14.546                                     | 12.854                                     |
| TABLE OF A (HERBICIDE) B (TIMING) MEANS                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 NO HERBICIDE                                                                         | 5.13 a                                     | 4.75 a                                     | 5.25 a                                     | 5.50 a                                     | 5.88 a                                     | 5.3 a                                          | 9.88 a                                     | 9.50 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 5.13 a                                     | 5.25 a                                     | 4.88 a                                     | 4.50 a                                     | 5.25 a                                     | 5.0 a                                          | 9.50 a                                     | 9.50 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 5.50 a                                     | 5.13 a                                     | 5.00 a                                     | 4.88 a                                     | 5.25 a                                     | 5.2 a                                          | 7.50 a                                     | 8.50 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 NO HERBICIDE                                                                         | 5.38 a                                     | 5.50 a                                     | 5.88 a                                     | 5.38 a                                     | 5.13 a                                     | 5.5 a                                          | 10.50 a                                    | 10.38 a                                    |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 5.00 a                                     | 5.63 a                                     | 5.25 a                                     | 5.13 a                                     | 5.88 a                                     | 5.4 a                                          | 9.00 a                                     | 8.50 a                                     |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 4.88 a                                     | 5.25 a                                     | 4.75 a                                     | 4.88 a                                     | 5.00 a                                     | 5.0 a                                          | 8.75 a                                     | 7.50 a                                     |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 NO HERBICIDE                                                                         | 5.25 a                                     | 5.50 a                                     | 4.75 a                                     | 5.13 a                                     | 5.75 a                                     | 5.3 a                                          | 8.88 a                                     | 9.25 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 5.13 a                                     | 5.13 a                                     | 5.00 a                                     | 5.50 a                                     | 5.63 a                                     | 5.3 a                                          | 9.38 a                                     | 8.38 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 6.00 a                                     | 5.50 a                                     | 5.25 a                                     | 5.13 a                                     | 5.00 a                                     | 5.4 a                                          | 8.50 a                                     | 8.75 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 1 NO HERBICIDE                                                                         | 5.63 a                                     | 5.50 a                                     | 4.88 a                                     | 5.25 a                                     | 5.25 a                                     | 5.3 a                                          | 8.75 a                                     | 8.00 a                                     |
| 4 7 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 5.50 a                                     | 6.00 a                                     | 4.88 a                                     | 4.63 a                                     | 4.75 a                                     | 5.2 a                                          | 8.75 a                                     | 6.75 a                                     |
| 4 7 DAP                                                                                |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

| Weed Code          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
|--------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Crop Code          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Part Rated         |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Rating Data Type   |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Rating Unit        |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Rating Date        |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
|                    | Arahy<br>Plant, -<br>Ht1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht2<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-HGT<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt2<br>In<br>Jun-6-22 |
| Trt Treatment      |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| No. Name           |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Form Form          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Conc Type          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Rate Rate          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| Unit Unit          |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| 3 VULCARUS         | 8                                          | 9                                          | 10                                         | 11                                         | 12                                         | 13                                             | 14                                         | 15                                         |
| 4 7 DAP            |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| LSD P=.10          | 4.50 a                                     | 5.38 a                                     | 5.13 a                                     | 4.75 a                                     | 4.88 a                                     | 4.9 a                                          | 8.38 a                                     | 8.63 a                                     |
| Standard Deviation |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
| CV                 |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |
|                    | 1.176                                      | 0.749                                      | 0.717                                      | 0.950                                      | 0.957                                      | 0.47                                           | 1.683                                      | 1.559                                      |
|                    | 0.959                                      | 0.610                                      | 0.585                                      | 0.775                                      | 0.781                                      | 0.38                                           | 1.373                                      | 1.271                                      |
|                    | 18.265                                     | 11.358                                     | 11.528                                     | 15.334                                     | 14.723                                     | 7.39                                           | 15.290                                     | 14.720                                     |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
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 | Arahy<br>Plant, -<br>Wt3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-WDTH<br>In<br>Jun-6-22 | Arahy<br>Stunting<br>%<br>Jun-27-22 | Arahy<br>Plant, -<br>Stunting<br>%<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht1<br>In<br>Jul-21-22 |
|----------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------------------|
| Trt Treatment Form Form Rate<br>No. Name Conc Type Rate Unit                           | 16                                         | 17                                         | 18                                         | 19                                              | 20                                  | 21                                              | 22                                          |
| TABLE OF R MEANS                                                                       |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Replicate 1                                                                            | 7.83                                       | 7.08                                       | 7.88                                       | 7.6                                             | 0.0                                 | 1.3                                             | 15.00                                       |
| Replicate 2                                                                            | 8.21                                       | 8.75                                       | 8.42                                       | 8.8                                             | 0.0                                 | 0.8                                             | 14.50                                       |
| Replicate 3                                                                            | 8.54                                       | 8.75                                       | 9.04                                       | 8.9                                             | 0.8                                 | 0.8                                             | 15.58                                       |
| Replicate 4                                                                            | 9.54                                       | 9.46                                       | 9.04                                       | 9.3                                             | 0.0                                 | 0.4                                             | 16.33                                       |
| TABLE OF A (HERBICIDE) MEANS                                                           |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 NO HERBICIDE                                                                         | 8.72 a                                     | 9.00 a                                     | 9.53 a                                     | 9.2 a                                           | 0.0 a                               | 0.0 a                                           | 15.31 a                                     |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 8.13 a                                     | 8.28 a                                     | 8.66 b                                     | 8.5 b                                           | 0.0 a                               | 0.9 a                                           | 14.91 a                                     |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 8.75 a                                     | 8.25 a                                     | 7.59 c                                     | 8.2 b                                           | 0.6 a                               | 1.6 a                                           | 15.84 a                                     |
| LSD P=.10                                                                              | 1.004                                      | 0.845                                      | 0.701                                      | 0.66                                            | 0.99                                | 1.83                                            | 1.182                                       |
| Standard Deviation                                                                     | 1.462                                      | 1.230                                      | 1.021                                      | 0.96                                            | 1.44                                | 2.67                                            | 1.720                                       |
| CV                                                                                     | 17.136                                     | 14.449                                     | 11.876                                     | 11.09                                           | 692.82                              | 320.16                                          | 11.205                                      |
| TABLE OF B (TIMING) MEANS                                                              |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 1 DAP                                                                                | 8.42 a                                     | 8.58 a                                     | 8.88 a                                     | 8.8 a                                           | 0.0 a                               | 1.3 a                                           | 15.54 a                                     |
| 2 3 DAP                                                                                | 9.13 a                                     | 8.54 a                                     | 8.67 a                                     | 8.9 a                                           | 0.0 a                               | 1.3 a                                           | 15.21 a                                     |
| 3 5 DAP                                                                                | 8.25 a                                     | 8.42 a                                     | 8.25 a                                     | 8.5 a                                           | 0.0 a                               | 0.8 a                                           | 15.04 a                                     |
| 4 7 DAP                                                                                | 8.33 a                                     | 8.50 a                                     | 8.58 a                                     | 8.4 a                                           | 0.8 a                               | 0.0 a                                           | 15.63 a                                     |
| LSD P=.10                                                                              | 0.700                                      | 0.740                                      | 0.950                                      | 0.44                                            | 1.08                                | 1.02                                            | 0.940                                       |
| Standard Deviation                                                                     | 0.936                                      | 0.989                                      | 1.270                                      | 0.59                                            | 1.44                                | 1.36                                            | 1.256                                       |
| CV                                                                                     | 10.968                                     | 11.617                                     | 14.773                                     | 6.86                                            | 692.82                              | 163.30                                          | 8.177                                       |
| TABLE OF A (HERBICIDE) B (TIMING) MEANS                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 NO HERBICIDE                                                                         | 8.25 a                                     | 9.25 a                                     | 10.00 a                                    | 9.4 a                                           | 0.0 a                               | 0.0 c                                           | 15.38 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 8.75 a                                     | 8.25 a                                     | 8.25 a                                     | 8.9 a                                           | 0.0 a                               | 2.5 ab                                          | 15.38 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 8.25 a                                     | 8.25 a                                     | 8.38 a                                     | 8.2 a                                           | 0.0 a                               | 1.3 bc                                          | 15.88 a                                     |
| 1 1 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 NO HERBICIDE                                                                         | 10.00 a                                    | 9.63 a                                     | 10.00 a                                    | 10.1 a                                          | 0.0 a                               | 0.0 c                                           | 15.75 a                                     |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 8.13 a                                     | 8.50 a                                     | 8.75 a                                     | 8.6 a                                           | 0.0 a                               | 0.0 c                                           | 15.25 a                                     |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 9.25 a                                     | 7.50 a                                     | 7.25 a                                     | 8.1 a                                           | 0.0 a                               | 3.8 a                                           | 14.63 a                                     |
| 2 3 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 NO HERBICIDE                                                                         | 8.25 a                                     | 8.75 a                                     | 8.63 a                                     | 8.8 a                                           | 0.0 a                               | 0.0 c                                           | 14.75 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 7.75 a                                     | 8.25 a                                     | 8.50 a                                     | 8.5 a                                           | 0.0 a                               | 1.3 bc                                          | 14.50 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 8.75 a                                     | 8.25 a                                     | 7.63 a                                     | 8.4 a                                           | 0.0 a                               | 1.3 bc                                          | 15.88 a                                     |
| 3 5 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 1 NO HERBICIDE                                                                         | 8.38 a                                     | 8.38 a                                     | 9.50 a                                     | 8.6 a                                           | 0.0 a                               | 0.0 c                                           | 15.38 a                                     |
| 4 7 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 7.88 a                                     | 8.13 a                                     | 9.13 a                                     | 8.1 a                                           | 0.0 a                               | 0.0 c                                           | 14.50 a                                     |
| 4 7 DAP                                                                                |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

| Weed Code          |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
|--------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------------------|
| Crop Code          |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Part Rated         |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Rating Data Type   |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Rating Unit        |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Rating Date        |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
|                    | Arahy<br>Plant, -<br>Wt3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-WDTH<br>In<br>Jun-6-22 | Arahy<br>Stunting<br>%<br>Jun-27-22 | Arahy<br>Plant, -<br>Stunting<br>%<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht1<br>In<br>Jul-21-22 |
| Trt Treatment      |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| No. Name           |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Form Form          |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Conc Type Rate     |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| Unit               |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| 3 VULCARUS         | 16                                         | 17                                         | 18                                         | 19                                              | 20                                  | 21                                              | 22                                          |
| 4 7 DAP            |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
|                    | 8.75 a                                     | 9.00 a                                     | 7.13 a                                     | 8.4 a                                           | 2.5 a                               | 0.0 c                                           | 17.00 a                                     |
| LSD P=.10          | 1.758                                      | 1.585                                      | 2.134                                      | 1.05                                            | 1.77                                | 1.75                                            | 1.544                                       |
| Standard Deviation | 1.434                                      | 1.293                                      | 1.741                                      | 0.86                                            | 1.44                                | 1.42                                            | 1.259                                       |
| CV                 | 16.808                                     | 15.193                                     | 20.256                                     | 9.91                                            | 692.82                              | 170.78                                          | 8.200                                       |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
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 | Arahy<br>Plant, -<br>HT 2<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>HGT-AVG<br>In<br>Jul-21-22 | -----<br>ARAHY<br>YIELD, -<br>DIRTY<br>LBS/PLOT<br>Sep-20-22 | -----<br>ARAHY<br>YIELD, -<br>CLEAN<br>LBS/PLOT<br>Sep-20-22 |
|----------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Trt Treatment<br>No. Name<br>Form Form<br>Conc Type Rate<br>Rate Unit                  | 23                                           | 24                                          | 25                                          | 26                                          | 27                                              | 28                                                           | 29                                                           |
| TABLE OF R MEANS                                                                       |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| Replicate 1                                                                            | 15.38                                        | 15.88                                       | 16.08                                       | 15.38                                       | 15.5                                            | 17.0                                                         | 16.6                                                         |
| Replicate 2                                                                            | 15.04                                        | 13.83                                       | 14.04                                       | 15.21                                       | 14.5                                            | 16.6                                                         | 16.2                                                         |
| Replicate 3                                                                            | 15.00                                        | 15.25                                       | 14.92                                       | 14.96                                       | 15.1                                            | 15.8                                                         | 15.5                                                         |
| Replicate 4                                                                            | 16.38                                        | 16.21                                       | 15.96                                       | 15.58                                       | 16.1                                            | 17.0                                                         | 16.7                                                         |
| TABLE OF A (HERBICIDE) MEANS                                                           |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 NO HERBICIDE                                                                         | 15.72 a                                      | 15.38 a                                     | 15.25 a                                     | 15.41 a                                     | 15.4 a                                          | 16.5 a                                                       | 16.1 a                                                       |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 15.06 a                                      | 15.19 a                                     | 15.34 a                                     | 15.44 a                                     | 15.2 a                                          | 16.8 a                                                       | 16.4 a                                                       |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 15.56 a                                      | 15.31 a                                     | 15.16 a                                     | 15.00 a                                     | 15.4 a                                          | 16.5 a                                                       | 16.2 a                                                       |
| LSD P=.10                                                                              | 1.199                                        | 0.425                                       | 0.865                                       | 0.985                                       | 0.61                                            | 1.38                                                         | 1.35                                                         |
| Standard Deviation                                                                     | 1.746                                        | 0.618                                       | 1.259                                       | 1.434                                       | 0.88                                            | 2.00                                                         | 1.96                                                         |
| CV                                                                                     | 11.299                                       | 4.042                                       | 8.256                                       | 9.386                                       | 5.76                                            | 12.07                                                        | 12.07                                                        |
| TABLE OF B (TIMING) MEANS                                                              |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 1 DAP                                                                                | 15.79 a                                      | 15.17 a                                     | 14.75 b                                     | 14.79 a                                     | 15.2 b                                          | 16.4 a                                                       | 16.1 a                                                       |
| 2 3 DAP                                                                                | 14.71 a                                      | 15.08 a                                     | 15.33 a                                     | 15.00 a                                     | 15.1 b                                          | 16.0 a                                                       | 15.7 a                                                       |
| 3 5 DAP                                                                                | 15.21 a                                      | 15.46 a                                     | 15.25 ab                                    | 15.67 a                                     | 15.3 b                                          | 16.5 a                                                       | 16.2 a                                                       |
| 4 7 DAP                                                                                | 16.08 a                                      | 15.46 a                                     | 15.67 a                                     | 15.67 a                                     | 15.7 a                                          | 17.4 a                                                       | 17.1 a                                                       |
| LSD P=.10                                                                              | 1.111                                        | 0.602                                       | 0.574                                       | 1.344                                       | 0.30                                            | 1.03                                                         | 1.01                                                         |
| Standard Deviation                                                                     | 1.485                                        | 0.805                                       | 0.767                                       | 1.797                                       | 0.40                                            | 1.38                                                         | 1.35                                                         |
| CV                                                                                     | 9.611                                        | 5.265                                       | 5.028                                       | 11.756                                      | 2.63                                            | 8.31                                                         | 8.31                                                         |
| TABLE OF A (HERBICIDE) B (TIMING) MEANS                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 NO HERBICIDE                                                                         | 16.38 a                                      | 14.75 c                                     | 14.38 a                                     | 14.88 a                                     | 15.2 a                                          | 17.1 a                                                       | 16.7 a                                                       |
| 1 1 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 15.13 a                                      | 15.38 bc                                    | 15.63 a                                     | 15.38 a                                     | 15.4 a                                          | 16.5 a                                                       | 16.1 a                                                       |
| 1 1 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 15.88 a                                      | 15.38 bc                                    | 14.25 a                                     | 14.13 a                                     | 15.1 a                                          | 15.8 a                                                       | 15.5 a                                                       |
| 1 1 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 NO HERBICIDE                                                                         | 14.88 a                                      | 14.75 c                                     | 14.75 a                                     | 15.13 a                                     | 15.1 a                                          | 15.7 a                                                       | 15.3 a                                                       |
| 2 3 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 14.88 a                                      | 16.00 ab                                    | 15.38 a                                     | 15.00 a                                     | 15.3 a                                          | 16.5 a                                                       | 16.2 a                                                       |
| 2 3 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 14.38 a                                      | 14.50 c                                     | 15.88 a                                     | 14.88 a                                     | 14.9 a                                          | 15.8 a                                                       | 15.5 a                                                       |
| 2 3 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 NO HERBICIDE                                                                         | 15.63 a                                      | 16.63 a                                     | 15.63 a                                     | 15.75 a                                     | 15.7 a                                          | 15.8 a                                                       | 15.5 a                                                       |
| 3 5 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 14.88 a                                      | 14.38 c                                     | 15.13 a                                     | 16.00 a                                     | 15.0 a                                          | 16.6 a                                                       | 16.2 a                                                       |
| 3 5 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 3 VULCARUS 4.17 SC 1.0 oz/a                                                            | 15.13 a                                      | 15.38 bc                                    | 15.00 a                                     | 15.25 a                                     | 15.3 a                                          | 17.2 a                                                       | 16.8 a                                                       |
| 3 5 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 1 NO HERBICIDE                                                                         | 16.00 a                                      | 15.38 bc                                    | 16.25 a                                     | 15.88 a                                     | 15.8 a                                          | 17.3 a                                                       | 16.9 a                                                       |
| 4 7 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |
| 2 BRAKE 1.2 SL 12.0 oz/a                                                               | 15.38 a                                      | 15.00 bc                                    | 15.25 a                                     | 15.38 a                                     | 15.1 a                                          | 17.6 a                                                       | 17.2 a                                                       |
| 4 7 DAP                                                                                |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

| Weed Code                 |                                 |                                |                                |                                |                                    |                                                              |                                                              |
|---------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Crop Code                 |                                 |                                |                                |                                |                                    |                                                              |                                                              |
| Part Rated                |                                 |                                |                                |                                |                                    |                                                              |                                                              |
| Rating Data Type          |                                 |                                |                                |                                |                                    |                                                              |                                                              |
| Rating Unit               |                                 |                                |                                |                                |                                    |                                                              |                                                              |
| Rating Date               |                                 |                                |                                |                                |                                    |                                                              |                                                              |
|                           | Arahy<br>Plant, -<br>HT 2<br>In | Arahy<br>Plant, -<br>Ht3<br>In | Arahy<br>Plant, -<br>Ht4<br>In | Arahy<br>Plant, -<br>Ht5<br>In | Arahy<br>Plant, -<br>HGT-AVG<br>In | -----<br>ARAHY<br>YIELD, -<br>DIRTY<br>LBS/PLOT<br>Sep-20-22 | -----<br>ARAHY<br>YIELD, -<br>CLEAN<br>LBS/PLOT<br>Sep-20-22 |
| Trt Treatment<br>No. Name | Form<br>Conc                    | Form<br>Type                   | Rate<br>Rate                   | Unit<br>Unit                   |                                    |                                                              |                                                              |
| 3 VULCARUS                | 4.17                            | SC                             | 1.0 oz/a                       |                                | 23                                 | 24                                                           | 25                                                           |
| 4 7 DAP                   |                                 |                                |                                |                                | 26                                 | 27                                                           | 28                                                           |
|                           |                                 |                                |                                |                                | 29                                 |                                                              |                                                              |
| LSD P=.10                 | 16.88 a                         | 16.00 ab                       | 15.50 a                        | 15.75 a                        | 16.2 a                             | 17.4 a                                                       | 17.1 a                                                       |
| Standard Deviation        | 1.627                           | 1.219                          | 1.312                          | 1.144                          | 0.81                               | 2.19                                                         | 2.15                                                         |
| CV                        | 1.327                           | 0.994                          | 1.070                          | 0.933                          | 0.66                               | 1.79                                                         | 1.75                                                         |
|                           | 8.587                           | 6.502                          | 7.017                          | 6.103                          | 4.31                               | 10.78                                                        | 10.78                                                        |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Weed Code                               | -----                              |
| Crop Code                               | ARAHY                              |
| Part Rated                              | YIELD, -                           |
| Rating Data Type                        | YIELD                              |
| Rating Unit                             | LBS/A                              |
| Rating Date                             | Sep-20-22                          |
| Trt Treatment No. Name                  | Form Form Conc Type Rate Rate Unit |
|                                         | 30                                 |
| TABLE OF R MEANS                        |                                    |
| Replicate 1                             | 4482.0                             |
| Replicate 2                             | 4372.0                             |
| Replicate 3                             | 4169.6                             |
| Replicate 4                             | 4499.7                             |
| TABLE OF A (HERBICIDE) MEANS            |                                    |
| 1 NO HERBICIDE                          | 4345.1 a                           |
| 2 BRAKE 1.2 SL 12.0 oz/a                | 4429.2 a                           |
| 3 VULCARUS 4.17 SC 1.0 oz/a             | 4368.2 a                           |
| LSD P=.10                               | 363.34                             |
| Standard Deviation                      | 528.87                             |
| CV                                      | 12.07                              |
| TABLE OF B (TIMING) MEANS               |                                    |
| 1 1 DAP                                 | 4341.2 a                           |
| 2 3 DAP                                 | 4220.2 a                           |
| 3 5 DAP                                 | 4361.0 a                           |
| 4 7 DAP                                 | 4600.9 a                           |
| LSD P=.10                               | 272.51                             |
| Standard Deviation                      | 364.15                             |
| CV                                      | 8.31                               |
| TABLE OF A (HERBICIDE) B (TIMING) MEANS |                                    |
| 1 NO HERBICIDE                          | 4508.5 a                           |
| 1 1 DAP                                 |                                    |
| 2 BRAKE 1.2 SL 12.0 oz/a                | 4350.0 a                           |
| 1 1 DAP                                 |                                    |
| 3 VULCARUS 4.17 SC 1.0 oz/a             | 4165.2 a                           |
| 1 1 DAP                                 |                                    |
| 1 NO HERBICIDE                          | 4132.2 a                           |
| 2 3 DAP                                 |                                    |
| 2 BRAKE 1.2 SL 12.0 oz/a                | 4356.6 a                           |
| 2 3 DAP                                 |                                    |
| 3 VULCARUS 4.17 SC 1.0 oz/a             | 4171.8 a                           |
| 2 3 DAP                                 |                                    |
| 1 NO HERBICIDE                          | 4178.4 a                           |
| 3 5 DAP                                 |                                    |
| 2 BRAKE 1.2 SL 12.0 oz/a                | 4369.8 a                           |
| 3 5 DAP                                 |                                    |
| 3 VULCARUS 4.17 SC 1.0 oz/a             | 4534.9 a                           |
| 3 5 DAP                                 |                                    |
| 1 NO HERBICIDE                          | 4561.3 a                           |
| 4 7 DAP                                 |                                    |
| 2 BRAKE 1.2 SL 12.0 oz/a                | 4640.5 a                           |
| 4 7 DAP                                 |                                    |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22      Study Dir.: N. SHAY  
 Location: PONDER FARM      Investigator: Eric P. Prostko

|                    |                       |
|--------------------|-----------------------|
| Weed Code          | -----                 |
| Crop Code          | ARAHY                 |
| Part Rated         | YIELD, -              |
| Rating Data Type   | YIELD                 |
| Rating Unit        | LBS/A                 |
| Rating Date        | Sep-20-22             |
| Trt Treatment      | Form Form      Rate   |
| No. Name           | Conc Type Rate Unit   |
| 3 VULCARUS         | 4.17 SC      1.0 oz/a |
| 4 7 DAP            |                       |
| LSD P=.10          | 578.96                |
| Standard Deviation | 472.17                |
| CV                 | 10.78                 |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

## COMPLETE FACTORIAL AOV For Arahy Plant Stand #/5ft May-16-22 (Data Column 1)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 296.979167     |             |       |         |           |
| R      | 3  | 2.895833       | 0.965278    | 0.158 | 0.9231  |           |
| A      | 2  | 21.291667      | 10.645833   | 1.467 | 0.3029  | 1.9       |
| RA     | 6  | 43.541667      | 7.256944    |       |         |           |
| B      | 3  | 21.062500      | 7.020833    | 1.163 | 0.3765  | 1.8       |
| RB     | 9  | 54.354167      | 6.039352    |       |         |           |
| AB     | 6  | 43.875000      | 7.312500    | 1.197 | 0.3520  | 3.0       |
| RAB    | 18 | 109.958333     | 6.108796    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Stunt % May-16-22 (Data Column 2)

| Source | DF | Sum of Squares | Mean Square | F      | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|--------|---------|-----------|
| Total  | 47 | 3236.979167    |             |        |         |           |
| R      | 3  | 89.062500      | 29.687500   | 1.513  | 0.2451  |           |
| A      | 2  | 2032.291667    | 1016.145833 | 72.259 | 0.0001  | 2.6       |
| RA     | 6  | 84.375000      | 14.062500   |        |         |           |
| B      | 3  | 234.895833     | 78.298611   | 3.068  | 0.0837  | 3.8       |
| RB     | 9  | 229.687500     | 25.520833   |        |         |           |
| AB     | 6  | 213.541667     | 35.590278   | 1.814  | 0.1528  | 5.4       |
| RAB    | 18 | 353.125000     | 19.618056   |        |         |           |

## COMPLETE FACTORIAL AOV For Arahy Leaf Bleach % May-16-22 (Data Column 3)

| Source | DF | Sum of Squares | Mean Square | F       | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|---------|---------|-----------|
| Total  | 47 | 2574.479167    |             |         |         |           |
| R      | 3  | 14.062500      | 4.687500    | 1.000   | 0.4155  |           |
| A      | 2  | 1001.041667    | 500.520833  | 106.778 | 0.0001  | 1.5       |
| RA     | 6  | 28.125000      | 4.687500    |         |         |           |
| B      | 3  | 468.229167     | 156.076389  | 33.296  | 0.0001  | 1.6       |
| RB     | 9  | 42.187500      | 4.687500    |         |         |           |
| AB     | 6  | 936.458333     | 156.076389  | 33.296  | 0.0001  | 2.7       |
| RAB    | 18 | 84.375000      | 4.687500    |         |         |           |

## COMPLETE FACTORIAL AOV For Arahy Leaf Necrosis % May-16-22 (Data Column 4)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 161.979167     |             |       |         |           |
| R      | 3  | 22.395833      | 7.465278    | 5.160 | 0.0095  |           |
| A      | 2  | 26.041667      | 13.020833   | 1.744 | 0.2529  | 1.9       |
| RA     | 6  | 44.791667      | 7.465278    |       |         |           |
| B      | 3  | 9.895833       | 3.298611    | 2.280 | 0.1482  | 0.9       |
| RB     | 9  | 13.020833      | 1.446759    |       |         |           |
| AB     | 6  | 19.791667      | 3.298611    | 2.280 | 0.0819  | 1.5       |
| RAB    | 18 | 26.041667      | 1.446759    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Stunt % Jun-2-22 (Data Column 5)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 97.916667      |             |       |         |           |
| R      | 3  | 6.250000       | 2.083333    | 1.000 | 0.4155  |           |
| A      | 2  | 4.166667       | 2.083333    | 1.000 | 0.4219  | 1.0       |
| RA     | 6  | 12.500000      | 2.083333    |       |         |           |
| B      | 3  | 6.250000       | 2.083333    | 1.000 | 0.4363  | 1.1       |
| RB     | 9  | 18.750000      | 2.083333    |       |         |           |
| AB     | 6  | 12.500000      | 2.083333    | 1.000 | 0.4552  | 1.8       |
| RAB    | 18 | 37.500000      | 2.083333    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Leaf Bleach % Jun-2-22 (Data Column 6)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 149.479167     |             |       |         |           |
| R      | 3  | 1.562500       | 0.520833    | 0.310 | 0.8176  |           |
| A      | 2  | 13.541667      | 6.770833    | 1.444 | 0.3075  | 1.5       |
| RA     | 6  | 28.125000      | 4.687500    |       |         |           |
| B      | 3  | 9.895833       | 3.298611    | 1.390 | 0.3076  | 1.2       |
| RB     | 9  | 21.354167      | 2.372685    |       |         |           |
| AB     | 6  | 44.791667      | 7.465278    | 4.448 | 0.0063  | 1.6       |
| RAB    | 18 | 30.208333      | 1.678241    |       |         |           |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

## COMPLETE FACTORIAL AOV For Arahy Leaf Necrosis % Jun-2-22 (Data Column 7)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 0.000000       |             |       |         |           |
| R      | 3  | 0.000000       | 0.000000    | 0.000 | 1.0000  |           |
| A      | 2  | 0.000000       | 0.000000    | 0.000 | 1.0000  |           |
| RA     | 6  | 0.000000       | 0.000000    |       |         |           |
| B      | 3  | 0.000000       | 0.000000    | 0.000 | 1.0000  |           |
| RB     | 9  | 0.000000       | 0.000000    |       |         |           |
| AB     | 6  | 0.000000       | 0.000000    | 0.000 | 1.0000  |           |
| RAB    | 18 | 0.000000       | 0.000000    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht1 In Jun-6-22 (Data Column 8)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 34.500000      |             |       |         |           |
| R      | 3  | 4.166667       | 1.388889    | 1.510 | 0.2458  |           |
| A      | 2  | 0.218750       | 0.109375    | 0.278 | 0.7669  | 0.43      |
| RA     | 6  | 2.364583       | 0.394097    |       |         |           |
| B      | 3  | 0.875000       | 0.291667    | 0.548 | 0.6620  | 0.55      |
| RB     | 9  | 4.791667       | 0.532407    |       |         |           |
| AB     | 6  | 5.531250       | 0.921875    | 1.003 | 0.4537  | 1.18      |
| RAB    | 18 | 16.552083      | 0.919560    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht2 In Jun-6-22 (Data Column 9)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 15.250000      |             |       |         |           |
| R      | 3  | 0.208333       | 0.069444    | 0.186 | 0.9043  |           |
| A      | 2  | 0.375000       | 0.187500    | 0.730 | 0.5204  | 0.35      |
| RA     | 6  | 1.541667       | 0.256944    |       |         |           |
| B      | 3  | 2.166667       | 0.722222    | 2.557 | 0.1203  | 0.40      |
| RB     | 9  | 2.541667       | 0.282407    |       |         |           |
| AB     | 6  | 1.708333       | 0.284722    | 0.764 | 0.6075  | 0.75      |
| RAB    | 18 | 6.708333       | 0.372685    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht3 In Jun-6-22 (Data Column 10)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 15.494792      |             |       |         |           |
| R      | 3  | 1.057292       | 0.352431    | 1.030 | 0.4027  |           |
| A      | 2  | 0.322917       | 0.161458    | 1.431 | 0.3104  | 0.23      |
| RA     | 6  | 0.677083       | 0.112847    |       |         |           |
| B      | 3  | 0.807292       | 0.269097    | 0.735 | 0.5572  | 0.45      |
| RB     | 9  | 3.296875       | 0.366319    |       |         |           |
| AB     | 6  | 3.177083       | 0.529514    | 1.548 | 0.2193  | 0.72      |
| RAB    | 18 | 6.156250       | 0.342014    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht4 In Jun-6-22 (Data Column 11)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 20.619792      |             |       |         |           |
| R      | 3  | 1.848958       | 0.616319    | 1.027 | 0.4041  |           |
| A      | 2  | 1.635417       | 0.817708    | 4.573 | 0.0622  | 0.29      |
| RA     | 6  | 1.072917       | 0.178819    |       |         |           |
| B      | 3  | 1.015625       | 0.338542    | 1.459 | 0.2898  | 0.36      |
| RB     | 9  | 2.088542       | 0.232060    |       |         |           |
| AB     | 6  | 2.156250       | 0.359375    | 0.599 | 0.7276  | 0.95      |
| RAB    | 18 | 10.802083      | 0.600116    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht5 In Jun-6-22 (Data Column 12)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 29.869792      |             |       |         |           |
| R      | 3  | 0.723958       | 0.241319    | 0.396 | 0.7574  |           |
| A      | 2  | 1.885417       | 0.942708    | 0.844 | 0.4752  | 0.73      |
| RA     | 6  | 6.697917       | 1.116319    |       |         |           |
| B      | 3  | 2.015625       | 0.671875    | 1.261 | 0.3449  | 0.55      |
| RB     | 9  | 4.796875       | 0.532986    |       |         |           |
| AB     | 6  | 2.781250       | 0.463542    | 0.761 | 0.6099  | 0.96      |
| RAB    | 18 | 10.968750      | 0.609375    |       |         |           |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

## COMPLETE FACTORIAL AOV For Arahy Plant AVG-HGT In Jun-6-22 (Data Column 13)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 6.024792       |             |       |         |           |
| R      | 3  | 0.530625       | 0.176875    | 1.194 | 0.3400  |           |
| A      | 2  | 0.430417       | 0.215208    | 3.065 | 0.1210  | 0.2       |
| RA     | 6  | 0.421250       | 0.070208    |       |         |           |
| B      | 3  | 0.273958       | 0.091319    | 0.775 | 0.5366  | 0.3       |
| RB     | 9  | 1.060208       | 0.117801    |       |         |           |
| AB     | 6  | 0.642917       | 0.107153    | 0.724 | 0.6362  | 0.5       |
| RAB    | 18 | 2.665417       | 0.148079    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Wt1 In Jun-6-22 (Data Column 14)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 116.979167     |             |       |         |           |
| R      | 3  | 27.937500      | 9.312500    | 4.941 | 0.0112  |           |
| A      | 2  | 12.635417      | 6.317708    | 2.751 | 0.1420  | 1.04      |
| RA     | 6  | 13.781250      | 2.296875    |       |         |           |
| B      | 3  | 3.854167       | 1.284722    | 0.753 | 0.5478  | 0.98      |
| RB     | 9  | 15.354167      | 1.706019    |       |         |           |
| AB     | 6  | 9.489583       | 1.581597    | 0.839 | 0.5559  | 1.68      |
| RAB    | 18 | 33.927083      | 1.884838    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Wt2 In Jun-6-22 (Data Column 15)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 107.369792     |             |       |         |           |
| R      | 3  | 19.265625      | 6.421875    | 3.975 | 0.0246  |           |
| A      | 2  | 10.041667      | 5.020833    | 4.382 | 0.0671  | 0.74      |
| RA     | 6  | 6.875000       | 1.145833    |       |         |           |
| B      | 3  | 12.515625      | 4.171875    | 3.386 | 0.0676  | 0.83      |
| RB     | 9  | 11.088542      | 1.232060    |       |         |           |
| AB     | 6  | 18.500000      | 3.083333    | 1.908 | 0.1345  | 1.56      |
| RAB    | 18 | 29.083333      | 1.615741    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Wt3 In Jun-6-22 (Data Column 16)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 94.203125      |             |       |         |           |
| R      | 3  | 19.348958      | 6.449653    | 3.137 | 0.0511  |           |
| A      | 2  | 3.968750       | 1.984375    | 0.929 | 0.4453  | 1.00      |
| RA     | 6  | 12.822917      | 2.137153    |       |         |           |
| B      | 3  | 5.807292       | 1.935764    | 2.211 | 0.1563  | 0.70      |
| RB     | 9  | 7.880208       | 0.875579    |       |         |           |
| AB     | 6  | 7.364583       | 1.227431    | 0.597 | 0.7290  | 1.76      |
| RAB    | 18 | 37.010417      | 2.056134    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Wt4 In Jun-6-22 (Data Column 17)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 98.744792      |             |       |         |           |
| R      | 3  | 36.598958      | 12.199653   | 7.297 | 0.0021  |           |
| A      | 2  | 5.760417       | 2.880208    | 1.905 | 0.2288  | 0.84      |
| RA     | 6  | 9.072917       | 1.512153    |       |         |           |
| B      | 3  | 0.182292       | 0.060764    | 0.062 | 0.9785  | 0.74      |
| RB     | 9  | 8.796875       | 0.977431    |       |         |           |
| AB     | 6  | 8.239583       | 1.373264    | 0.821 | 0.5679  | 1.59      |
| RAB    | 18 | 30.093750      | 1.671875    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Wt5 In Jun-6-22 (Data Column 18)

| Source | DF | Sum of Squares | Mean Square | F      | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|--------|---------|-----------|
| Total  | 47 | 127.328125     |             |        |         |           |
| R      | 3  | 11.390625      | 3.796875    | 1.253  | 0.3201  |           |
| A      | 2  | 30.125000      | 15.062500   | 14.460 | 0.0051  | 0.70      |
| RA     | 6  | 6.250000       | 1.041667    |        |         |           |
| B      | 3  | 2.432292       | 0.810764    | 0.503  | 0.6896  | 0.95      |
| RB     | 9  | 14.505208      | 1.611690    |        |         |           |
| AB     | 6  | 8.083333       | 1.347222    | 0.445  | 0.8393  | 2.13      |
| RAB    | 18 | 54.541667      | 3.030093    |        |         |           |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

## COMPLETE FACTORIAL AOV For Arahy Plant AVG-WIDTH In Jun-6-22 (Data Column 19)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 56.340000      |             |       |         |           |
| R      | 3  | 19.471667      | 6.490556    | 8.831 | 0.0008  |           |
| A      | 2  | 7.951250       | 3.975625    | 4.324 | 0.0687  | 0.7       |
| RA     | 6  | 5.517083       | 0.919514    |       |         |           |
| B      | 3  | 2.221667       | 0.740556    | 2.105 | 0.1699  | 0.4       |
| RB     | 9  | 3.166667       | 0.351852    |       |         |           |
| AB     | 6  | 4.782083       | 0.797014    | 1.084 | 0.4083  | 1.1       |
| RAB    | 18 | 13.229583      | 0.734977    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Stunting % Jun-27-22 (Data Column 20)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 97.916667      |             |       |         |           |
| R      | 3  | 6.250000       | 2.083333    | 1.000 | 0.4155  |           |
| A      | 2  | 4.166667       | 2.083333    | 1.000 | 0.4219  | 1.0       |
| RA     | 6  | 12.500000      | 2.083333    |       |         |           |
| B      | 3  | 6.250000       | 2.083333    | 1.000 | 0.4363  | 1.1       |
| RB     | 9  | 18.750000      | 2.083333    |       |         |           |
| AB     | 6  | 12.500000      | 2.083333    | 1.000 | 0.4552  | 1.8       |
| RAB    | 18 | 37.500000      | 2.083333    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Stunting % Jul-21-22 (Data Column 21)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 166.666667     |             |       |         |           |
| R      | 3  | 4.166667       | 1.388889    | 0.686 | 0.5724  |           |
| A      | 2  | 19.791667      | 9.895833    | 1.390 | 0.3191  | 1.8       |
| RA     | 6  | 42.708333      | 7.118056    |       |         |           |
| B      | 3  | 12.500000      | 4.166667    | 2.250 | 0.1517  | 1.0       |
| RB     | 9  | 16.666667      | 1.851852    |       |         |           |
| AB     | 6  | 34.375000      | 5.729167    | 2.829 | 0.0405  | 1.7       |
| RAB    | 18 | 36.458333      | 2.025463    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht1 In Jul-21-22 (Data Column 22)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 105.979167     |             |       |         |           |
| R      | 3  | 22.395833      | 7.465278    | 4.710 | 0.0135  |           |
| A      | 2  | 7.072917       | 3.536458    | 1.195 | 0.3658  | 1.18      |
| RA     | 6  | 17.760417      | 2.960069    |       |         |           |
| B      | 3  | 2.729167       | 0.909722    | 0.577 | 0.6445  | 0.94      |
| RB     | 9  | 14.187500      | 1.576389    |       |         |           |
| AB     | 6  | 13.302083      | 2.217014    | 1.399 | 0.2686  | 1.54      |
| RAB    | 18 | 28.531250      | 1.585069    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant HT 2 In Jul-21-22 (Data Column 23)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 107.619792     |             |       |         |           |
| R      | 3  | 14.765625      | 4.921875    | 2.797 | 0.0698  |           |
| A      | 2  | 3.760417       | 1.880208    | 0.617 | 0.5705  | 1.20      |
| RA     | 6  | 18.281250      | 3.046875    |       |         |           |
| B      | 3  | 13.515625      | 4.505208    | 2.044 | 0.1783  | 1.11      |
| RB     | 9  | 19.838542      | 2.204282    |       |         |           |
| AB     | 6  | 5.781250       | 0.963542    | 0.548 | 0.7655  | 1.63      |
| RAB    | 18 | 31.677083      | 1.759838    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht3 In Jul-21-22 (Data Column 24)

| Source | DF | Sum of Squares | Mean Square | F      | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|--------|---------|-----------|
| Total  | 47 | 85.416667      |             |        |         |           |
| R      | 3  | 39.708333      | 13.236111   | 13.391 | 0.0001  |           |
| A      | 2  | 0.291667       | 0.145833    | 0.382  | 0.6981  | 0.42      |
| RA     | 6  | 2.291667       | 0.381944    |        |         |           |
| B      | 3  | 1.375000       | 0.458333    | 0.707  | 0.5715  | 0.60      |
| RB     | 9  | 5.833333       | 0.648148    |        |         |           |
| AB     | 6  | 18.125000      | 3.020833    | 3.056  | 0.0305  | 1.22      |
| RAB    | 18 | 17.791667      | 0.988426    |        |         |           |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
Location: PONDER FARM Investigator: Eric P. Prostko

## COMPLETE FACTORIAL AOV For Arahy Plant Ht4 In Jul-21-22 (Data Column 25)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 84.000000      |             |       |         |           |
| R      | 3  | 33.208333      | 11.069444   | 9.665 | 0.0005  |           |
| A      | 2  | 0.281250       | 0.140625    | 0.089 | 0.9163  | 0.86      |
| RA     | 6  | 9.510417       | 1.585069    |       |         |           |
| B      | 3  | 5.166667       | 1.722222    | 2.929 | 0.0921  | 0.57      |
| RB     | 9  | 5.291667       | 0.587963    |       |         |           |
| AB     | 6  | 9.927083       | 1.654514    | 1.445 | 0.2524  | 1.31      |
| RAB    | 18 | 20.614583      | 1.145255    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant Ht5 In Jul-21-22 (Data Column 26)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 71.953125      |             |       |         |           |
| R      | 3  | 2.515625       | 0.838542    | 0.964 | 0.4311  |           |
| A      | 2  | 1.906250       | 0.953125    | 0.463 | 0.6500  | 0.99      |
| RA     | 6  | 12.343750      | 2.057292    |       |         |           |
| B      | 3  | 7.390625       | 2.463542    | 0.763 | 0.5426  | 1.34      |
| RB     | 9  | 29.046875      | 3.227431    |       |         |           |
| AB     | 6  | 3.093750       | 0.515625    | 0.593 | 0.7321  | 1.14      |
| RAB    | 18 | 15.656250      | 0.869792    |       |         |           |

## COMPLETE FACTORIAL AOV For Arahy Plant HGT-AVG In Jul-21-22 (Data Column 27)

| Source | DF | Sum of Squares | Mean Square | F      | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|--------|---------|-----------|
| Total  | 47 | 36.470000      |             |        |         |           |
| R      | 3  | 15.700000      | 5.233333    | 11.975 | 0.0002  |           |
| A      | 2  | 0.465000       | 0.232500    | 0.299  | 0.7522  | 0.6       |
| RA     | 6  | 4.670000       | 0.778333    |        |         |           |
| B      | 3  | 2.651667       | 0.883889    | 5.455  | 0.0206  | 0.3       |
| RB     | 9  | 1.458333       | 0.162037    |        |         |           |
| AB     | 6  | 3.658333       | 0.609722    | 1.395  | 0.2699  | 0.8       |
| RAB    | 18 | 7.866667       | 0.437037    |        |         |           |

## COMPLETE FACTORIAL AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-20-22 (Data Column 28)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 132.616667     |             |       |         |           |
| R      | 3  | 11.886667      | 3.962222    | 1.239 | 0.3248  |           |
| A      | 2  | 0.867917       | 0.433958    | 0.108 | 0.8992  | 1.4       |
| RA     | 6  | 24.072083      | 4.012014    |       |         |           |
| B      | 3  | 13.111667      | 4.370556    | 2.298 | 0.1462  | 1.0       |
| RB     | 9  | 17.118333      | 1.902037    |       |         |           |
| AB     | 6  | 7.997083       | 1.332847    | 0.417 | 0.8582  | 2.2       |
| RAB    | 18 | 57.562917      | 3.197940    |       |         |           |

## COMPLETE FACTORIAL AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-20-22 (Data Column 29)

| Source | DF | Sum of Squares | Mean Square | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|-------------|-------|---------|-----------|
| Total  | 47 | 127.365047     |             |       |         |           |
| R      | 3  | 11.415955      | 3.805318    | 1.239 | 0.3248  |           |
| A      | 2  | 0.833547       | 0.416774    | 0.108 | 0.8992  | 1.3       |
| RA     | 6  | 23.118829      | 3.853138    |       |         |           |
| B      | 3  | 12.592445      | 4.197482    | 2.298 | 0.1462  | 1.0       |
| RB     | 9  | 16.440447      | 1.826716    |       |         |           |
| AB     | 6  | 7.680399       | 1.280066    | 0.417 | 0.8582  | 2.1       |
| RAB    | 18 | 55.283425      | 3.071301    |       |         |           |

## COMPLETE FACTORIAL AOV For ----- ARAHY YIELD YIELD LBS/A Sep-20-22 (Data Column 30)

| Source | DF | Sum of Squares | Mean Square   | F     | Prob(F) | LSD (.10) |
|--------|----|----------------|---------------|-------|---------|-----------|
| Total  | 47 | 9245521.550087 |               |       |         |           |
| R      | 3  | 828692.468207  | 276230.822736 | 1.239 | 0.3248  |           |
| A      | 2  | 60507.796245   | 30253.898122  | 0.108 | 0.8992  | 363.3     |
| RA     | 6  | 1678212.632001 | 279702.105333 |       |         |           |
| B      | 3  | 914094.734630  | 304698.244877 | 2.298 | 0.1462  | 272.5     |
| RB     | 9  | 1193424.052293 | 132602.672477 |       |         |           |
| AB     | 6  | 557525.748117  | 92920.958020  | 0.417 | 0.8582  | 579.0     |
| RAB    | 18 | 4013064.118594 | 222948.006589 |       |         |           |

## Part Rated

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

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.

University of Georgia

|                                        |                               |
|----------------------------------------|-------------------------------|
| BRAKE AND VULCARUS TIMINGS FOR PEANUT  |                               |
| Trial ID: PE-16B-22                    | Study Dir.: N. SHAY           |
| Location: PONDER FARM                  | Investigator: Eric P. Prostko |
| Leaf = LEAF / FOLIAGE                  |                               |
| Rating Unit                            |                               |
| % = PERCENT                            |                               |
| In = INCH                              |                               |
| ARM Action Codes                       |                               |
| T1 = ([C8]+[C9]+[C10]+[C11]+[C12])/5   |                               |
| T2 = ([C14]+[C15]+[C16]+[C17]+[C18])/5 |                               |
| T4 = ([C22]+[C23]+[C24]+[C25]+[C26])/5 |                               |
| T3 = [C28]*0.98                        |                               |
| TY5 = 269.42666667*[29]                |                               |

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.

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |                       |           |           |                     | Arahy<br>Plant, -<br>Stand<br>#/5ft<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>Jun-2-22 |
|----------------------------------------------------------------------------------------|-----------------------|-----------|-----------|---------------------|--------------------------------------------------|----------------------------------------------|----------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------------|
| Trt No.                                                                                | Treatment Name        | Form Conc | Form Type | Rate Rate Unit Plot | 1                                                | 2                                            | 3                                            | 4                                              | 5                                           | 6                                           | 7                                             |
| 1                                                                                      | NO HERBICIDE<br>1 DAP |           |           | 101                 | 29.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 208                 | 24.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 312                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 406                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 26.3                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 2                                                                                      | NO HERBICIDE<br>3 DAP |           |           | 102                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 201                 | 27.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 306                 | 29.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 407                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 27.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 3                                                                                      | NO HERBICIDE<br>5 DAP |           |           | 103                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 210                 | 32.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 311                 | 27.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 402                 | 31.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 29.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 4                                                                                      | NO HERBICIDE<br>7 DAP |           |           | 104                 | 22.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 209                 | 26.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 301                 | 24.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 410                 | 29.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 25.3                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 5                                                                                      | BRAKE<br>1 DAP        | 1.2 SL    | 12.0 oz/a | 105                 | 27.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 211                 | 24.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 307                 | 29.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 403                 | 23.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 25.8                                             | 7.5                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 6                                                                                      | BRAKE<br>3 DAP        | 1.2 SL    | 12.0 oz/a | 106                 | 28.0                                             | 0.0                                          | 5.0                                          | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 207                 | 25.0                                             | 10.0                                         | 5.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 310                 | 24.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 401                 | 22.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 24.8                                             | 2.5                                          | 2.5                                          | 0.0                                            | 0.0                                         | 1.3                                         | 0.0                                           |
| 7                                                                                      | BRAKE<br>5 DAP        | 1.2 SL    | 12.0 oz/a | 107                 | 26.0                                             | 10.0                                         | 15.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 212                 | 21.0                                             | 10.0                                         | 15.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 308                 | 26.0                                             | 10.0                                         | 10.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 405                 | 28.0                                             | 15.0                                         | 10.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 25.3                                             | 11.3                                         | 12.5                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 8                                                                                      | BRAKE<br>7 DAP        | 1.2 SL    | 12.0 oz/a | 108                 | 25.0                                             | 10.0                                         | 30.0                                         | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 202                 | 26.0                                             | 15.0                                         | 15.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 304                 | 27.0                                             | 10.0                                         | 25.0                                         | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 408                 | 23.0                                             | 10.0                                         | 25.0                                         | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 25.3                                             | 11.3                                         | 23.8                                         | 0.0                                            | 0.0                                         | 3.8                                         | 0.0                                           |
| 9                                                                                      | VULCARUS<br>1 DAP     | 4.17 SC   | 1.0 oz/a  | 109                 | 27.0                                             | 20.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 203                 | 20.0                                             | 20.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 302                 | 23.0                                             | 10.0                                         | 0.0                                          | 5.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 412                 | 25.0                                             | 0.0                                          | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 23.8                                             | 12.5                                         | 0.0                                          | 1.3                                            | 0.0                                         | 0.0                                         | 0.0                                           |
| 10                                                                                     | VULCARUS<br>3 DAP     | 4.17 SC   | 1.0 oz/a  | 110                 | 27.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 206                 | 28.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 303                 | 27.0                                             | 15.0                                         | 0.0                                          | 10.0                                           | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 409                 | 29.0                                             | 20.0                                         | 0.0                                          | 5.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 27.8                                             | 13.8                                         | 0.0                                          | 3.8                                            | 0.0                                         | 1.3                                         | 0.0                                           |
| 11                                                                                     | VULCARUS<br>5 DAP     | 4.17 SC   | 1.0 oz/a  | 111                 | 25.0                                             | 20.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 204                 | 30.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 305                 | 25.0                                             | 20.0                                         | 0.0                                          | 5.0                                            | 0.0                                         | 5.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | 411                 | 25.0                                             | 10.0                                         | 0.0                                          | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |                       |           |           | Mean =              | 26.3                                             | 15.0                                         | 0.0                                          | 1.3                                            | 0.0                                         | 2.5                                         | 0.0                                           |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |           |      |      |                | Arahy<br>Plant, -<br>Stand<br>#/5ft<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>May-16-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>May-16-22 | Arahy<br>Plant, -<br>Stunt<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Bleach<br>%<br>Jun-2-22 | Arahy<br>Leaf, -<br>Necrosis<br>%<br>Jun-2-22 |
|----------------------------------------------------------------------------------------|-----------|------|------|----------------|--------------------------------------------------|----------------------------------------------|----------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------------|
| Trt                                                                                    | Treatment | Form | Form | Rate           | 1                                                | 2                                            | 3                                            | 4                                              | 5                                           | 6                                           | 7                                             |
| No.                                                                                    | Name      | Conc | Type | Rate Unit Plot |                                                  |                                              |                                              |                                                |                                             |                                             |                                               |
| 12                                                                                     | VULCARUS  | 4.17 | SC   | 1.0 oz/a       | 112                                              | 29.0                                         | 20.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        | 7 DAP     |      |      |                | 205                                              | 26.0                                         | 30.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |           |      |      |                | 309                                              | 24.0                                         | 25.0                                         | 0.0                                            | 10.0                                        | 0.0                                         | 0.0                                           |
|                                                                                        |           |      |      |                | 404                                              | 25.0                                         | 15.0                                         | 0.0                                            | 0.0                                         | 0.0                                         | 0.0                                           |
|                                                                                        |           |      |      | Mean =         |                                                  | 26.0                                         | 22.5                                         | 0.0                                            | 2.5                                         | 0.0                                         | 0.0                                           |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |                       |         |           |           | Arahy<br>Plant, -<br>Ht1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht2<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-HGT<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt1<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt2<br>In<br>Jun-6-22 |       |
|----------------------------------------------------------------------------------------|-----------------------|---------|-----------|-----------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|--------------------------------------------|-------|
| Trt                                                                                    | Treatment             | Form    | Form      | Rate      |                                            |                                            |                                            |                                            |                                            |                                                |                                            |                                            |       |
| No.                                                                                    | Name                  | Conc    | Type      | Rate Unit | Plot                                       | 8                                          | 9                                          | 10                                         | 11                                         | 12                                             | 13                                         | 14                                         | 15    |
| 1                                                                                      | NO HERBICIDE<br>1 DAP |         |           |           | 101                                        | 4.00                                       | 5.00                                       | 5.50                                       | 5.50                                       | 7.00                                           | 5.4                                        | 10.00                                      | 10.00 |
|                                                                                        |                       |         |           |           | 208                                        | 5.50                                       | 4.50                                       | 4.50                                       | 5.00                                       | 6.00                                           | 5.1                                        | 10.00                                      | 9.00  |
|                                                                                        |                       |         |           |           | 312                                        | 5.00                                       | 4.50                                       | 5.00                                       | 6.00                                       | 5.00                                           | 5.1                                        | 9.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 406                                        | 6.00                                       | 5.00                                       | 6.00                                       | 5.50                                       | 5.50                                           | 5.6                                        | 10.50                                      | 11.00 |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.13                                       | 4.75                                       | 5.25                                       | 5.50                                       | 5.88                                           | 5.3                                        | 9.88                                       | 9.50  |
| 2                                                                                      | NO HERBICIDE<br>3 DAP |         |           |           | 102                                        | 4.00                                       | 6.00                                       | 6.00                                       | 5.00                                       | 4.00                                           | 5.0                                        | 8.00                                       | 10.00 |
|                                                                                        |                       |         |           |           | 201                                        | 7.50                                       | 5.00                                       | 6.00                                       | 5.00                                       | 6.00                                           | 5.9                                        | 11.00                                      | 11.00 |
|                                                                                        |                       |         |           |           | 306                                        | 4.50                                       | 5.00                                       | 5.50                                       | 6.00                                       | 4.00                                           | 5.0                                        | 11.00                                      | 9.00  |
|                                                                                        |                       |         |           |           | 407                                        | 5.50                                       | 6.00                                       | 6.00                                       | 5.50                                       | 6.50                                           | 5.9                                        | 12.00                                      | 11.50 |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.38                                       | 5.50                                       | 5.88                                       | 5.38                                       | 5.13                                           | 5.5                                        | 10.50                                      | 10.38 |
| 3                                                                                      | NO HERBICIDE<br>5 DAP |         |           |           | 103                                        | 5.00                                       | 5.00                                       | 4.00                                       | 5.00                                       | 6.00                                           | 5.0                                        | 7.00                                       | 7.00  |
|                                                                                        |                       |         |           |           | 210                                        | 5.00                                       | 7.00                                       | 5.00                                       | 5.00                                       | 6.00                                           | 5.6                                        | 8.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | 311                                        | 6.00                                       | 5.50                                       | 5.00                                       | 5.00                                       | 5.50                                           | 5.4                                        | 10.00                                      | 12.00 |
|                                                                                        |                       |         |           |           | 402                                        | 5.00                                       | 4.50                                       | 5.00                                       | 5.50                                       | 5.50                                           | 5.1                                        | 10.50                                      | 9.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.25                                       | 5.50                                       | 4.75                                       | 5.13                                       | 5.75                                           | 5.3                                        | 8.88                                       | 9.25  |
| 4                                                                                      | NO HERBICIDE<br>7 DAP |         |           |           | 104                                        | 6.00                                       | 4.50                                       | 6.00                                       | 5.00                                       | 4.00                                           | 5.1                                        | 8.00                                       | 7.00  |
|                                                                                        |                       |         |           |           | 209                                        | 5.50                                       | 5.50                                       | 4.50                                       | 5.00                                       | 5.50                                           | 5.2                                        | 8.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | 301                                        | 5.00                                       | 6.00                                       | 5.00                                       | 5.50                                       | 5.50                                           | 5.4                                        | 8.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 410                                        | 6.00                                       | 6.00                                       | 4.00                                       | 5.50                                       | 6.00                                           | 5.5                                        | 11.00                                      | 8.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.63                                       | 5.50                                       | 4.88                                       | 5.25                                       | 5.25                                           | 5.3                                        | 8.75                                       | 8.00  |
| 5                                                                                      | BRAKE<br>1 DAP        | 1.2 SL  | 12.0 oz/a |           | 105                                        | 5.00                                       | 5.00                                       | 4.50                                       | 4.00                                       | 5.00                                           | 4.7                                        | 8.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 211                                        | 5.50                                       | 6.00                                       | 5.00                                       | 5.00                                       | 5.00                                           | 5.3                                        | 11.00                                      | 10.00 |
|                                                                                        |                       |         |           |           | 307                                        | 6.00                                       | 5.50                                       | 5.00                                       | 4.00                                       | 6.00                                           | 5.3                                        | 10.00                                      | 10.00 |
|                                                                                        |                       |         |           |           | 403                                        | 4.00                                       | 4.50                                       | 5.00                                       | 5.00                                       | 5.00                                           | 4.7                                        | 9.00                                       | 10.00 |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.13                                       | 5.25                                       | 4.88                                       | 4.50                                       | 5.25                                           | 5.0                                        | 9.50                                       | 9.50  |
| 6                                                                                      | BRAKE<br>3 DAP        | 1.2 SL  | 12.0 oz/a |           | 106                                        | 4.00                                       | 6.00                                       | 5.00                                       | 4.00                                       | 7.00                                           | 5.2                                        | 7.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 207                                        | 5.00                                       | 5.50                                       | 5.00                                       | 6.00                                       | 4.50                                           | 5.2                                        | 12.00                                      | 10.00 |
|                                                                                        |                       |         |           |           | 310                                        | 6.00                                       | 5.50                                       | 6.00                                       | 4.50                                       | 6.00                                           | 5.6                                        | 9.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 401                                        | 5.00                                       | 5.50                                       | 5.00                                       | 6.00                                       | 6.00                                           | 5.5                                        | 8.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.00                                       | 5.63                                       | 5.25                                       | 5.13                                       | 5.88                                           | 5.4                                        | 9.00                                       | 8.50  |
| 7                                                                                      | BRAKE<br>5 DAP        | 1.2 SL  | 12.0 oz/a |           | 107                                        | 5.50                                       | 5.50                                       | 5.00                                       | 6.00                                       | 7.00                                           | 5.8                                        | 9.00                                       | 8.00  |
|                                                                                        |                       |         |           |           | 212                                        | 5.50                                       | 5.00                                       | 5.50                                       | 5.00                                       | 5.50                                           | 5.3                                        | 8.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | 308                                        | 3.50                                       | 5.00                                       | 4.00                                       | 5.00                                       | 5.00                                           | 4.5                                        | 10.00                                      | 9.00  |
|                                                                                        |                       |         |           |           | 405                                        | 6.00                                       | 5.00                                       | 5.50                                       | 6.00                                       | 5.00                                           | 5.5                                        | 10.50                                      | 7.50  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.13                                       | 5.13                                       | 5.00                                       | 5.50                                       | 5.63                                           | 5.3                                        | 9.38                                       | 8.38  |
| 8                                                                                      | BRAKE<br>7 DAP        | 1.2 SL  | 12.0 oz/a |           | 108                                        | 4.00                                       | 5.50                                       | 5.50                                       | 5.50                                       | 5.00                                           | 5.1                                        | 6.00                                       | 6.00  |
|                                                                                        |                       |         |           |           | 202                                        | 6.00                                       | 6.00                                       | 4.00                                       | 3.50                                       | 4.00                                           | 4.7                                        | 9.00                                       | 7.00  |
|                                                                                        |                       |         |           |           | 304                                        | 7.00                                       | 6.00                                       | 5.00                                       | 5.50                                       | 5.00                                           | 5.7                                        | 12.00                                      | 8.00  |
|                                                                                        |                       |         |           |           | 408                                        | 5.00                                       | 6.50                                       | 5.00                                       | 4.00                                       | 5.00                                           | 5.1                                        | 8.00                                       | 6.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.50                                       | 6.00                                       | 4.88                                       | 4.63                                       | 4.75                                           | 5.2                                        | 8.75                                       | 6.75  |
| 9                                                                                      | VULCARUS<br>1 DAP     | 4.17 SC | 1.0 oz/a  |           | 109                                        | 5.00                                       | 5.00                                       | 4.50                                       | 4.00                                       | 4.00                                           | 4.5                                        | 8.00                                       | 7.00  |
|                                                                                        |                       |         |           |           | 203                                        | 6.50                                       | 4.50                                       | 5.00                                       | 4.50                                       | 5.50                                           | 5.2                                        | 7.00                                       | 8.50  |
|                                                                                        |                       |         |           |           | 302                                        | 5.00                                       | 5.50                                       | 4.50                                       | 5.50                                       | 5.50                                           | 5.2                                        | 8.00                                       | 9.50  |
|                                                                                        |                       |         |           |           | 412                                        | 5.50                                       | 5.50                                       | 6.00                                       | 5.50                                       | 6.00                                           | 5.7                                        | 7.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 5.50                                       | 5.13                                       | 5.00                                       | 4.88                                       | 5.25                                           | 5.2                                        | 7.50                                       | 8.50  |
| 10                                                                                     | VULCARUS<br>3 DAP     | 4.17 SC | 1.0 oz/a  |           | 110                                        | 4.00                                       | 5.00                                       | 5.00                                       | 5.50                                       | 4.00                                           | 4.7                                        | 6.00                                       | 6.00  |
|                                                                                        |                       |         |           |           | 206                                        | 5.00                                       | 5.00                                       | 4.00                                       | 4.00                                       | 5.00                                           | 4.6                                        | 10.00                                      | 8.00  |
|                                                                                        |                       |         |           |           | 303                                        | 5.50                                       | 6.00                                       | 4.50                                       | 4.50                                       | 5.50                                           | 5.2                                        | 9.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | 409                                        | 5.00                                       | 5.00                                       | 5.50                                       | 5.50                                       | 5.50                                           | 5.3                                        | 10.00                                      | 7.00  |
|                                                                                        |                       |         |           |           | Mean =                                     | 4.88                                       | 5.25                                       | 4.75                                       | 4.88                                       | 5.00                                           | 5.0                                        | 8.75                                       | 7.50  |
| 11                                                                                     | VULCARUS<br>5 DAP     | 4.17 SC | 1.0 oz/a  |           | 111                                        | 6.50                                       | 5.50                                       | 5.50                                       | 5.00                                       | 5.50                                           | 5.6                                        | 7.00                                       | 6.00  |
|                                                                                        |                       |         |           |           | 204                                        | 6.00                                       | 5.00                                       | 5.50                                       | 6.00                                       | 5.00                                           | 5.5                                        | 11.00                                      | 8.00  |
|                                                                                        |                       |         |           |           | 305                                        | 5.50                                       | 6.00                                       | 5.00                                       | 4.50                                       | 4.00                                           | 5.0                                        | 8.00                                       | 9.00  |
|                                                                                        |                       |         |           |           | 411                                        | 6.00                                       | 5.50                                       | 5.00                                       | 5.00                                       | 5.50                                           | 5.4                                        | 8.00                                       | 12.00 |
|                                                                                        |                       |         |           |           | Mean =                                     | 6.00                                       | 5.50                                       | 5.25                                       | 5.13                                       | 5.00                                           | 5.4                                        | 8.50                                       | 8.75  |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

| Weed Code        |           |      |      |      |      |          |          |          |          |          |          |          |          |       |
|------------------|-----------|------|------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| Crop Code        |           |      |      |      |      | Arahy    | Arahy    | Arahy    | Arahy    | Arahy    | Arahy    | Arahy    | Arahy    |       |
| Part Rated       |           |      |      |      |      | Plant, - | Plant, - | Plant, - | Plant, - | Plant, - | Plant, - | Plant, - | Plant, - |       |
| Rating Data Type |           |      |      |      |      | Ht1      | Ht2      | Ht3      | Ht4      | Ht5      | AVG-HGT  | Wt1      | Wt2      |       |
| Rating Unit      |           |      |      |      |      | In       | In       | In       | In       | In       | In       | In       | In       |       |
| Rating Date      |           |      |      |      |      | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-6-22 | Jun-6-22 |       |
| Trt              | Treatment | Form | Form | Rate |      |          |          |          |          |          |          |          |          |       |
| No.              | Name      | Conc | Type | Rate | Unit | Plot     | 8        | 9        | 10       | 11       | 12       | 13       | 14       | 15    |
| 12               | VULCARUS  | 4.17 | SC   | 1.0  | oz/a | 112      | 5.00     | 5.50     | 5.00     | 4.00     | 4.50     | 4.8      | 8.00     | 7.50  |
|                  | 7 DAP     |      |      |      |      | 205      | 5.00     | 5.00     | 5.00     | 5.00     | 5.50     | 5.1      | 8.00     | 10.50 |
|                  |           |      |      |      |      | 309      | 4.00     | 5.00     | 5.00     | 4.50     | 5.00     | 4.7      | 7.50     | 8.00  |
|                  |           |      |      |      |      | 404      | 4.00     | 6.00     | 5.50     | 5.50     | 4.50     | 5.1      | 10.00    | 8.50  |
|                  |           |      |      |      |      | Mean =   | 4.50     | 5.38     | 5.13     | 4.75     | 4.88     | 4.9      | 8.38     | 8.63  |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |                       |           |           |                     | Arahy<br>Plant, -<br>Wt3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-WDTH<br>In<br>Jun-6-22 | Arahy<br>Stunting<br>%<br>Jun-27-22 | Arahy<br>Plant, -<br>Stunting<br>%<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht1<br>In<br>Jul-21-22 |
|----------------------------------------------------------------------------------------|-----------------------|-----------|-----------|---------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------------------|
| Trt No.                                                                                | Treatment Name        | Form Conc | Form Type | Rate Rate Unit Plot | 16                                         | 17                                         | 18                                         | 19                                              | 20                                  | 21                                              | 22                                          |
| 1                                                                                      | NO HERBICIDE<br>1 DAP |           |           | 101                 | 10.00                                      | 10.00                                      | 12.00                                      | 10.4                                            | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 208                 | 7.00                                       | 9.00                                       | 9.00                                       | 8.8                                             | 0.0                                 | 0.0                                             | 14.00                                       |
|                                                                                        |                       |           |           | 312                 | 6.00                                       | 9.00                                       | 10.00                                      | 8.4                                             | 0.0                                 | 0.0                                             | 16.50                                       |
|                                                                                        |                       |           |           | 406                 | 10.00                                      | 9.00                                       | 9.00                                       | 9.9                                             | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.25                                       | 9.25                                       | 10.00                                      | 9.4                                             | 0.0                                 | 0.0                                             | 15.38                                       |
| 2                                                                                      | NO HERBICIDE<br>3 DAP |           |           | 102                 | 10.00                                      | 9.00                                       | 11.00                                      | 9.6                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 201                 | 9.00                                       | 10.00                                      | 10.00                                      | 10.2                                            | 0.0                                 | 0.0                                             | 13.50                                       |
|                                                                                        |                       |           |           | 306                 | 10.00                                      | 9.50                                       | 11.00                                      | 10.1                                            | 0.0                                 | 0.0                                             | 16.50                                       |
|                                                                                        |                       |           |           | 407                 | 11.00                                      | 10.00                                      | 8.00                                       | 10.5                                            | 0.0                                 | 0.0                                             | 18.00                                       |
|                                                                                        |                       |           |           | Mean =              | 10.00                                      | 9.63                                       | 10.00                                      | 10.1                                            | 0.0                                 | 0.0                                             | 15.75                                       |
| 3                                                                                      | NO HERBICIDE<br>5 DAP |           |           | 103                 | 8.00                                       | 6.00                                       | 7.00                                       | 7.0                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 210                 | 7.00                                       | 9.00                                       | 10.00                                      | 8.6                                             | 0.0                                 | 0.0                                             | 13.00                                       |
|                                                                                        |                       |           |           | 311                 | 9.00                                       | 10.00                                      | 9.00                                       | 10.0                                            | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | 402                 | 9.00                                       | 10.00                                      | 8.50                                       | 9.4                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.25                                       | 8.75                                       | 8.63                                       | 8.8                                             | 0.0                                 | 0.0                                             | 14.75                                       |
| 4                                                                                      | NO HERBICIDE<br>7 DAP |           |           | 104                 | 8.00                                       | 7.00                                       | 7.00                                       | 7.4                                             | 0.0                                 | 0.0                                             | 15.50                                       |
|                                                                                        |                       |           |           | 209                 | 7.50                                       | 7.00                                       | 9.00                                       | 8.1                                             | 0.0                                 | 0.0                                             | 13.00                                       |
|                                                                                        |                       |           |           | 301                 | 9.00                                       | 8.00                                       | 9.00                                       | 8.4                                             | 0.0                                 | 0.0                                             | 17.00                                       |
|                                                                                        |                       |           |           | 410                 | 9.00                                       | 11.50                                      | 13.00                                      | 10.5                                            | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.38                                       | 8.38                                       | 9.50                                       | 8.6                                             | 0.0                                 | 0.0                                             | 15.38                                       |
| 5                                                                                      | BRAKE<br>1 DAP        | 1.2 SL    | 12.0 oz/a | 105                 | 6.00                                       | 7.00                                       | 5.00                                       | 6.8                                             | 0.0                                 | 0.0                                             | 15.50                                       |
|                                                                                        |                       |           |           | 211                 | 9.00                                       | 8.00                                       | 10.00                                      | 9.6                                             | 0.0                                 | 5.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 307                 | 10.00                                      | 8.00                                       | 11.00                                      | 9.8                                             | 0.0                                 | 5.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | 403                 | 10.00                                      | 10.00                                      | 7.00                                       | 9.2                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.75                                       | 8.25                                       | 8.25                                       | 8.9                                             | 0.0                                 | 2.5                                             | 15.38                                       |
| 6                                                                                      | BRAKE<br>3 DAP        | 1.2 SL    | 12.0 oz/a | 106                 | 7.00                                       | 7.00                                       | 9.00                                       | 7.6                                             | 0.0                                 | 0.0                                             | 14.50                                       |
|                                                                                        |                       |           |           | 207                 | 9.00                                       | 9.00                                       | 7.00                                       | 9.4                                             | 0.0                                 | 0.0                                             | 15.50                                       |
|                                                                                        |                       |           |           | 310                 | 8.50                                       | 9.00                                       | 9.00                                       | 8.7                                             | 0.0                                 | 0.0                                             | 14.50                                       |
|                                                                                        |                       |           |           | 401                 | 8.00                                       | 9.00                                       | 10.00                                      | 8.6                                             | 0.0                                 | 0.0                                             | 16.50                                       |
|                                                                                        |                       |           |           | Mean =              | 8.13                                       | 8.50                                       | 8.75                                       | 8.6                                             | 0.0                                 | 0.0                                             | 15.25                                       |
| 7                                                                                      | BRAKE<br>5 DAP        | 1.2 SL    | 12.0 oz/a | 107                 | 8.00                                       | 8.00                                       | 7.00                                       | 8.0                                             | 0.0                                 | 0.0                                             | 14.50                                       |
|                                                                                        |                       |           |           | 212                 | 7.00                                       | 8.50                                       | 8.00                                       | 8.1                                             | 0.0                                 | 5.0                                             | 13.50                                       |
|                                                                                        |                       |           |           | 308                 | 8.00                                       | 9.50                                       | 9.00                                       | 9.1                                             | 0.0                                 | 0.0                                             | 14.00                                       |
|                                                                                        |                       |           |           | 405                 | 8.00                                       | 7.00                                       | 10.00                                      | 8.6                                             | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | Mean =              | 7.75                                       | 8.25                                       | 8.50                                       | 8.5                                             | 0.0                                 | 1.3                                             | 14.50                                       |
| 8                                                                                      | BRAKE<br>7 DAP        | 1.2 SL    | 12.0 oz/a | 108                 | 7.00                                       | 7.00                                       | 8.50                                       | 6.9                                             | 0.0                                 | 0.0                                             | 14.00                                       |
|                                                                                        |                       |           |           | 202                 | 8.00                                       | 9.50                                       | 9.00                                       | 8.5                                             | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | 304                 | 8.00                                       | 8.00                                       | 10.00                                      | 9.2                                             | 0.0                                 | 0.0                                             | 14.50                                       |
|                                                                                        |                       |           |           | 408                 | 8.50                                       | 8.00                                       | 9.00                                       | 7.9                                             | 0.0                                 | 0.0                                             | 13.50                                       |
|                                                                                        |                       |           |           | Mean =              | 7.88                                       | 8.13                                       | 9.13                                       | 8.1                                             | 0.0                                 | 0.0                                             | 14.50                                       |
| 9                                                                                      | VULCARUS<br>1 DAP     | 4.17 SC   | 1.0 oz/a  | 109                 | 7.00                                       | 6.00                                       | 9.50                                       | 7.5                                             | 0.0                                 | 5.0                                             | 13.50                                       |
|                                                                                        |                       |           |           | 203                 | 6.00                                       | 9.00                                       | 7.00                                       | 7.5                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 302                 | 11.00                                      | 10.00                                      | 8.00                                       | 9.3                                             | 0.0                                 | 0.0                                             | 16.00                                       |
|                                                                                        |                       |           |           | 412                 | 9.00                                       | 8.00                                       | 9.00                                       | 8.4                                             | 0.0                                 | 0.0                                             | 19.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.25                                       | 8.25                                       | 8.38                                       | 8.2                                             | 0.0                                 | 1.3                                             | 15.88                                       |
| 10                                                                                     | VULCARUS<br>3 DAP     | 4.17 SC   | 1.0 oz/a  | 110                 | 9.00                                       | 5.00                                       | 5.00                                       | 6.2                                             | 0.0                                 | 5.0                                             | 14.00                                       |
|                                                                                        |                       |           |           | 206                 | 10.00                                      | 8.00                                       | 8.00                                       | 8.8                                             | 0.0                                 | 0.0                                             | 14.50                                       |
|                                                                                        |                       |           |           | 303                 | 7.00                                       | 7.00                                       | 8.00                                       | 8.0                                             | 0.0                                 | 5.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 409                 | 11.00                                      | 10.00                                      | 8.00                                       | 9.2                                             | 0.0                                 | 5.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | Mean =              | 9.25                                       | 7.50                                       | 7.25                                       | 8.1                                             | 0.0                                 | 3.8                                             | 14.63                                       |
| 11                                                                                     | VULCARUS<br>5 DAP     | 4.17 SC   | 1.0 oz/a  | 111                 | 8.00                                       | 5.00                                       | 7.00                                       | 6.6                                             | 0.0                                 | 5.0                                             | 18.50                                       |
|                                                                                        |                       |           |           | 204                 | 10.00                                      | 10.00                                      | 7.00                                       | 9.2                                             | 0.0                                 | 0.0                                             | 13.00                                       |
|                                                                                        |                       |           |           | 305                 | 7.00                                       | 8.00                                       | 8.50                                       | 8.1                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        |                       |           |           | 411                 | 10.00                                      | 10.00                                      | 8.00                                       | 9.6                                             | 0.0                                 | 0.0                                             | 17.00                                       |
|                                                                                        |                       |           |           | Mean =              | 8.75                                       | 8.25                                       | 7.63                                       | 8.4                                             | 0.0                                 | 1.3                                             | 15.88                                       |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |           |      |      |                | Arahy<br>Plant, -<br>Wt3<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt4<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>Wt5<br>In<br>Jun-6-22 | Arahy<br>Plant, -<br>AVG-WDTH<br>In<br>Jun-6-22 | Arahy<br>Stunting<br>%<br>Jun-27-22 | Arahy<br>Plant, -<br>Stunting<br>%<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht1<br>In<br>Jul-21-22 |
|----------------------------------------------------------------------------------------|-----------|------|------|----------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|---------------------------------------------|
| Trt                                                                                    | Treatment | Form | Form | Rate           |                                            |                                            |                                            |                                                 |                                     |                                                 |                                             |
| No.                                                                                    | Name      | Conc | Type | Rate Unit Plot | 16                                         | 17                                         | 18                                         | 19                                              | 20                                  | 21                                              | 22                                          |
| 12                                                                                     | VULCARUS  | 4.17 | SC   | 1.0 oz/a 112   | 6.00                                       | 8.00                                       | 6.50                                       | 7.2                                             | 0.0                                 | 0.0                                             | 15.00                                       |
|                                                                                        | 7 DAP     |      |      | 205            | 9.00                                       | 8.00                                       | 7.00                                       | 8.5                                             | 0.0                                 | 0.0                                             | 18.00                                       |
|                                                                                        |           |      |      | 309            | 9.00                                       | 9.00                                       | 6.00                                       | 7.9                                             | 10.0                                | 0.0                                             | 16.00                                       |
|                                                                                        |           |      |      | 404            | 11.00                                      | 11.00                                      | 9.00                                       | 9.9                                             | 0.0                                 | 0.0                                             | 19.00                                       |
|                                                                                        |           |      |      | Mean =         | 8.75                                       | 9.00                                       | 7.13                                       | 8.4                                             | 2.5                                 | 0.0                                             | 17.00                                       |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |              |      |      |           | Arahy<br>Plant, -<br>HT 2<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>HGT-AVG<br>In<br>Jul-21-22 | -----<br>ARAHY<br>YIELD, -<br>DIRTY<br>LBS/PLOT<br>Sep-20-22 | -----<br>ARAHY<br>YIELD, -<br>CLEAN<br>LBS/PLOT<br>Sep-20-22 |      |
|----------------------------------------------------------------------------------------|--------------|------|------|-----------|----------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------|
| Trt                                                                                    | Treatment    | Form | Form | Rate      |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |      |
| No.                                                                                    | Name         | Conc | Type | Rate Unit | Plot                                         | 23                                          | 24                                          | 25                                          | 26                                              | 27                                                           | 28                                                           | 29   |
| 1                                                                                      | NO HERBICIDE |      |      |           | 101                                          | 14.00                                       | 14.00                                       | 15.00                                       | 15.00                                           | 14.6                                                         | 17.1                                                         | 16.8 |
|                                                                                        | 1 DAP        |      |      |           | 208                                          | 16.00                                       | 12.00                                       | 13.00                                       | 15.50                                           | 14.1                                                         | 17.7                                                         | 17.3 |
|                                                                                        |              |      |      |           | 312                                          | 17.00                                       | 16.00                                       | 14.00                                       | 14.00                                           | 15.5                                                         | 13.9                                                         | 13.6 |
|                                                                                        |              |      |      |           | 406                                          | 18.50                                       | 17.00                                       | 15.50                                       | 15.00                                           | 16.4                                                         | 19.6                                                         | 19.2 |
|                                                                                        |              |      |      |           | Mean =                                       | 16.38                                       | 14.75                                       | 14.38                                       | 14.88                                           | 15.2                                                         | 17.1                                                         | 16.7 |
| 2                                                                                      | NO HERBICIDE |      |      |           | 102                                          | 13.00                                       | 16.00                                       | 14.50                                       | 13.50                                           | 14.4                                                         | 15.9                                                         | 15.6 |
|                                                                                        | 3 DAP        |      |      |           | 201                                          | 14.00                                       | 13.00                                       | 12.50                                       | 15.00                                           | 13.6                                                         | 14.9                                                         | 14.6 |
|                                                                                        |              |      |      |           | 306                                          | 15.50                                       | 15.00                                       | 14.50                                       | 16.50                                           | 15.6                                                         | 16.2                                                         | 15.9 |
|                                                                                        |              |      |      |           | 407                                          | 17.00                                       | 15.00                                       | 17.50                                       | 15.50                                           | 16.6                                                         | 15.6                                                         | 15.3 |
|                                                                                        |              |      |      |           | Mean =                                       | 14.88                                       | 14.75                                       | 14.75                                       | 15.13                                           | 15.1                                                         | 15.7                                                         | 15.3 |
| 3                                                                                      | NO HERBICIDE |      |      |           | 103                                          | 13.00                                       | 17.00                                       | 15.50                                       | 13.50                                           | 14.8                                                         | 14.6                                                         | 14.3 |
|                                                                                        | 5 DAP        |      |      |           | 210                                          | 15.00                                       | 15.00                                       | 14.00                                       | 17.50                                           | 14.9                                                         | 15.8                                                         | 15.5 |
|                                                                                        |              |      |      |           | 311                                          | 15.50                                       | 16.50                                       | 16.50                                       | 16.00                                           | 16.1                                                         | 14.8                                                         | 14.5 |
|                                                                                        |              |      |      |           | 402                                          | 19.00                                       | 18.00                                       | 16.50                                       | 16.00                                           | 16.9                                                         | 18.1                                                         | 17.7 |
|                                                                                        |              |      |      |           | Mean =                                       | 15.63                                       | 16.63                                       | 15.63                                       | 15.75                                           | 15.7                                                         | 15.8                                                         | 15.5 |
| 4                                                                                      | NO HERBICIDE |      |      |           | 104                                          | 19.00                                       | 16.00                                       | 17.50                                       | 17.00                                           | 17.0                                                         | 16.9                                                         | 16.6 |
|                                                                                        | 7 DAP        |      |      |           | 209                                          | 15.00                                       | 14.50                                       | 14.50                                       | 14.00                                           | 14.2                                                         | 16.6                                                         | 16.3 |
|                                                                                        |              |      |      |           | 301                                          | 13.00                                       | 14.00                                       | 16.00                                       | 16.50                                           | 15.3                                                         | 18.5                                                         | 18.1 |
|                                                                                        |              |      |      |           | 410                                          | 17.00                                       | 17.00                                       | 17.00                                       | 16.00                                           | 16.6                                                         | 17.1                                                         | 16.8 |
|                                                                                        |              |      |      |           | Mean =                                       | 16.00                                       | 15.38                                       | 16.25                                       | 15.88                                           | 15.8                                                         | 17.3                                                         | 16.9 |
| 5                                                                                      | BRAKE        | 1.2  | SL   | 12.0 oz/a | 105                                          | 15.50                                       | 16.00                                       | 18.50                                       | 18.00                                           | 16.7                                                         | 18.5                                                         | 18.1 |
|                                                                                        | 1 DAP        |      |      |           | 211                                          | 14.00                                       | 15.00                                       | 15.50                                       | 14.50                                           | 14.8                                                         | 15.2                                                         | 14.9 |
|                                                                                        |              |      |      |           | 307                                          | 15.00                                       | 15.50                                       | 14.50                                       | 14.00                                           | 15.0                                                         | 13.5                                                         | 13.2 |
|                                                                                        |              |      |      |           | 403                                          | 16.00                                       | 15.00                                       | 14.00                                       | 15.00                                           | 15.0                                                         | 18.7                                                         | 18.3 |
|                                                                                        |              |      |      |           | Mean =                                       | 15.13                                       | 15.38                                       | 15.63                                       | 15.38                                           | 15.4                                                         | 16.5                                                         | 16.1 |
| 6                                                                                      | BRAKE        | 1.2  | SL   | 12.0 oz/a | 106                                          | 15.00                                       | 17.50                                       | 17.00                                       | 15.00                                           | 15.8                                                         | 18.1                                                         | 17.7 |
|                                                                                        | 3 DAP        |      |      |           | 207                                          | 16.00                                       | 14.00                                       | 14.50                                       | 15.00                                           | 15.0                                                         | 17.0                                                         | 16.7 |
|                                                                                        |              |      |      |           | 310                                          | 14.50                                       | 15.50                                       | 14.00                                       | 13.00                                           | 14.3                                                         | 13.3                                                         | 13.0 |
|                                                                                        |              |      |      |           | 401                                          | 14.00                                       | 17.00                                       | 16.00                                       | 17.00                                           | 16.1                                                         | 17.6                                                         | 17.2 |
|                                                                                        |              |      |      |           | Mean =                                       | 14.88                                       | 16.00                                       | 15.38                                       | 15.00                                           | 15.3                                                         | 16.5                                                         | 16.2 |
| 7                                                                                      | BRAKE        | 1.2  | SL   | 12.0 oz/a | 107                                          | 14.50                                       | 14.00                                       | 15.00                                       | 16.00                                           | 14.8                                                         | 18.7                                                         | 18.3 |
|                                                                                        | 5 DAP        |      |      |           | 212                                          | 14.00                                       | 14.00                                       | 15.00                                       | 16.50                                           | 14.6                                                         | 13.8                                                         | 13.5 |
|                                                                                        |              |      |      |           | 308                                          | 15.00                                       | 14.00                                       | 14.50                                       | 15.00                                           | 14.5                                                         | 15.6                                                         | 15.3 |
|                                                                                        |              |      |      |           | 405                                          | 16.00                                       | 15.50                                       | 16.00                                       | 16.50                                           | 16.0                                                         | 18.1                                                         | 17.7 |
|                                                                                        |              |      |      |           | Mean =                                       | 14.88                                       | 14.38                                       | 15.13                                       | 16.00                                           | 15.0                                                         | 16.6                                                         | 16.2 |
| 8                                                                                      | BRAKE        | 1.2  | SL   | 12.0 oz/a | 108                                          | 15.50                                       | 16.00                                       | 17.00                                       | 14.50                                           | 15.4                                                         | 18.3                                                         | 17.9 |
|                                                                                        | 7 DAP        |      |      |           | 202                                          | 17.50                                       | 13.00                                       | 13.00                                       | 13.50                                           | 14.6                                                         | 17.8                                                         | 17.4 |
|                                                                                        |              |      |      |           | 304                                          | 14.00                                       | 15.00                                       | 15.00                                       | 16.00                                           | 14.9                                                         | 18.8                                                         | 18.4 |
|                                                                                        |              |      |      |           | 408                                          | 14.50                                       | 16.00                                       | 16.00                                       | 17.50                                           | 15.5                                                         | 15.4                                                         | 15.1 |
|                                                                                        |              |      |      |           | Mean =                                       | 15.38                                       | 15.00                                       | 15.25                                       | 15.38                                           | 15.1                                                         | 17.6                                                         | 17.2 |
| 9                                                                                      | VULCARUS     | 4.17 | SC   | 1.0 oz/a  | 109                                          | 17.00                                       | 16.00                                       | 14.00                                       | 16.00                                           | 15.3                                                         | 15.6                                                         | 15.3 |
|                                                                                        | 1 DAP        |      |      |           | 203                                          | 14.50                                       | 13.00                                       | 12.50                                       | 14.00                                           | 13.8                                                         | 16.3                                                         | 16.0 |
|                                                                                        |              |      |      |           | 302                                          | 15.00                                       | 16.00                                       | 14.50                                       | 13.00                                           | 14.9                                                         | 17.9                                                         | 17.5 |
|                                                                                        |              |      |      |           | 412                                          | 17.00                                       | 16.50                                       | 16.00                                       | 13.50                                           | 16.4                                                         | 13.3                                                         | 13.0 |
|                                                                                        |              |      |      |           | Mean =                                       | 15.88                                       | 15.38                                       | 14.25                                       | 14.13                                           | 15.1                                                         | 15.8                                                         | 15.5 |
| 10                                                                                     | VULCARUS     | 4.17 | SC   | 1.0 oz/a  | 110                                          | 14.00                                       | 14.50                                       | 16.50                                       | 14.50                                           | 14.7                                                         | 16.4                                                         | 16.1 |
|                                                                                        | 3 DAP        |      |      |           | 206                                          | 14.00                                       | 13.50                                       | 16.00                                       | 15.00                                           | 14.6                                                         | 17.6                                                         | 17.2 |
|                                                                                        |              |      |      |           | 303                                          | 14.00                                       | 13.50                                       | 15.00                                       | 15.50                                           | 14.6                                                         | 14.3                                                         | 14.0 |
|                                                                                        |              |      |      |           | 409                                          | 15.50                                       | 16.50                                       | 16.00                                       | 14.50                                           | 15.5                                                         | 14.9                                                         | 14.6 |
|                                                                                        |              |      |      |           | Mean =                                       | 14.38                                       | 14.50                                       | 15.88                                       | 14.88                                           | 14.9                                                         | 15.8                                                         | 15.5 |
| 11                                                                                     | VULCARUS     | 4.17 | SC   | 1.0 oz/a  | 111                                          | 16.50                                       | 16.00                                       | 16.00                                       | 15.50                                           | 16.5                                                         | 16.5                                                         | 16.2 |
|                                                                                        | 5 DAP        |      |      |           | 204                                          | 14.00                                       | 14.50                                       | 13.00                                       | 17.00                                           | 14.3                                                         | 19.2                                                         | 18.8 |
|                                                                                        |              |      |      |           | 305                                          | 15.50                                       | 16.00                                       | 15.00                                       | 14.00                                           | 15.1                                                         | 15.6                                                         | 15.3 |
|                                                                                        |              |      |      |           | 411                                          | 14.50                                       | 15.00                                       | 16.00                                       | 14.50                                           | 15.4                                                         | 17.4                                                         | 17.1 |
|                                                                                        |              |      |      |           | Mean =                                       | 15.13                                       | 15.38                                       | 15.00                                       | 15.25                                           | 15.3                                                         | 17.2                                                         | 16.8 |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 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 |           |      |      |      |      | Arahy<br>Plant, -<br>HT 2<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht3<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht4<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>Ht5<br>In<br>Jul-21-22 | Arahy<br>Plant, -<br>HGT-AVG<br>In<br>Jul-21-22 | -----<br>ARAHY<br>YIELD, -<br>DIRTY<br>LBS/PLOT<br>Sep-20-22 | -----<br>ARAHY<br>YIELD, -<br>CLEAN<br>LBS/PLOT<br>Sep-20-22 |      |
|----------------------------------------------------------------------------------------|-----------|------|------|------|------|----------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|-------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------|
| Trt                                                                                    | Treatment | Form | Form | Rate |      |                                              |                                             |                                             |                                             |                                                 |                                                              |                                                              |      |
| No.                                                                                    | Name      | Conc | Type | Rate | Unit | Plot                                         | 23                                          | 24                                          | 25                                          | 26                                              | 27                                                           | 28                                                           | 29   |
| 12                                                                                     | VULCARUS  | 4.17 | SC   | 1.0  | oz/a | 112                                          | 17.50                                       | 17.50                                       | 16.50                                       | 16.00                                           | 16.5                                                         | 17.1                                                         | 16.8 |
|                                                                                        | 7 DAP     |      |      |      |      | 205                                          | 16.50                                       | 14.50                                       | 15.00                                       | 15.00                                           | 15.8                                                         | 16.8                                                         | 16.5 |
|                                                                                        |           |      |      |      |      | 309                                          | 16.00                                       | 16.00                                       | 15.50                                       | 16.00                                           | 15.9                                                         | 17.1                                                         | 16.8 |
|                                                                                        |           |      |      |      |      | 404                                          | 17.50                                       | 16.00                                       | 15.00                                       | 16.00                                           | 16.7                                                         | 18.7                                                         | 18.3 |
|                                                                                        |           |      |      |      |      | Mean =                                       | 16.88                                       | 16.00                                       | 15.50                                       | 15.75                                           | 16.2                                                         | 17.4                                                         | 17.1 |

# University of Georgia

## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22 Study Dir.: N. SHAY  
 Location: PONDER FARM Investigator: Eric P. Prostko

|                  |                |           |           |                |      |           |
|------------------|----------------|-----------|-----------|----------------|------|-----------|
| Weed Code        |                |           |           |                |      | -----     |
| Crop Code        |                |           |           |                |      | ARAHY     |
| Part Rated       |                |           |           |                |      | YIELD, -  |
| Rating Data Type |                |           |           |                |      | YIELD     |
| Rating Unit      |                |           |           |                |      | LBS/A     |
| Rating Date      |                |           |           |                |      | Sep-20-22 |
| Trt No.          | Treatment Name | Form Conc | Form Type | Rate Rate Unit | Plot | 30        |
| 1                | NO HERBICIDE   |           |           |                | 101  | 4515.1    |
|                  | 1 DAP          |           |           |                | 208  | 4673.5    |
|                  |                |           |           |                | 312  | 3670.1    |
|                  |                |           |           |                | 406  | 5175.1    |
|                  |                |           |           | Mean =         |      | 4508.5    |
| 2                | NO HERBICIDE   |           |           |                | 102  | 4198.2    |
|                  | 3 DAP          |           |           |                | 201  | 3934.2    |
|                  |                |           |           |                | 306  | 4277.4    |
|                  |                |           |           |                | 407  | 4119.0    |
|                  |                |           |           | Mean =         |      | 4132.2    |
| 3                | NO HERBICIDE   |           |           |                | 103  | 3855.0    |
|                  | 5 DAP          |           |           |                | 210  | 4171.8    |
|                  |                |           |           |                | 311  | 3907.8    |
|                  |                |           |           |                | 402  | 4779.1    |
|                  |                |           |           | Mean =         |      | 4178.4    |
| 4                | NO HERBICIDE   |           |           |                | 104  | 4462.2    |
|                  | 7 DAP          |           |           |                | 209  | 4383.0    |
|                  |                |           |           |                | 301  | 4884.7    |
|                  |                |           |           |                | 410  | 4515.1    |
|                  |                |           |           | Mean =         |      | 4561.3    |
| 5                | BRAKE          | 1.2 SL    |           | 12.0 oz/a      | 105  | 4884.7    |
|                  | 1 DAP          |           |           |                | 211  | 4013.4    |
|                  |                |           |           |                | 307  | 3564.5    |
|                  |                |           |           |                | 403  | 4937.5    |
|                  |                |           |           | Mean =         |      | 4350.0    |
| 6                | BRAKE          | 1.2 SL    |           | 12.0 oz/a      | 106  | 4779.1    |
|                  | 3 DAP          |           |           |                | 207  | 4488.6    |
|                  |                |           |           |                | 310  | 3511.7    |
|                  |                |           |           |                | 401  | 4647.1    |
|                  |                |           |           | Mean =         |      | 4356.6    |
| 7                | BRAKE          | 1.2 SL    |           | 12.0 oz/a      | 107  | 4937.5    |
|                  | 5 DAP          |           |           |                | 212  | 3643.7    |
|                  |                |           |           |                | 308  | 4119.0    |
|                  |                |           |           |                | 405  | 4779.1    |
|                  |                |           |           | Mean =         |      | 4369.8    |
| 8                | BRAKE          | 1.2 SL    |           | 12.0 oz/a      | 108  | 4831.9    |
|                  | 7 DAP          |           |           |                | 202  | 4699.9    |
|                  |                |           |           |                | 304  | 4963.9    |
|                  |                |           |           |                | 408  | 4066.2    |
|                  |                |           |           | Mean =         |      | 4640.5    |
| 9                | VULCARUS       | 4.17 SC   |           | 1.0 oz/a       | 109  | 4119.0    |
|                  | 1 DAP          |           |           |                | 203  | 4303.8    |
|                  |                |           |           |                | 302  | 4726.3    |
|                  |                |           |           |                | 412  | 3511.7    |
|                  |                |           |           | Mean =         |      | 4165.2    |
| 10               | VULCARUS       | 4.17 SC   |           | 1.0 oz/a       | 110  | 4330.2    |
|                  | 3 DAP          |           |           |                | 206  | 4647.1    |
|                  |                |           |           |                | 303  | 3775.7    |
|                  |                |           |           |                | 409  | 3934.2    |
|                  |                |           |           | Mean =         |      | 4171.8    |
| 11               | VULCARUS       | 4.17 SC   |           | 1.0 oz/a       | 111  | 4356.6    |
|                  | 5 DAP          |           |           |                | 204  | 5069.5    |
|                  |                |           |           |                | 305  | 4119.0    |
|                  |                |           |           |                | 411  | 4594.3    |
|                  |                |           |           | Mean =         |      | 4534.9    |

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## BRAKE AND VULCARUS TIMINGS FOR PEANUT

Trial ID: PE-16B-22      Study Dir.: N. SHAY  
 Location: PONDER FARM      Investigator: Eric P. Prostko

|                  |                           |
|------------------|---------------------------|
| Weed Code        | -----                     |
| Crop Code        | ARAHY                     |
| Part Rated       | YIELD, -                  |
| Rating Data Type | YIELD                     |
| Rating Unit      | LBS/A                     |
| Rating Date      | Sep-20-22                 |
| Trt Treatment    | Form Form      Rate       |
| No. Name         | Conc Type Rate Unit Plot  |
| 12 VULCARUS      | 4.17 SC      1.0 oz/a 112 |
| 7 DAP            | 205                       |
|                  | 309                       |
|                  | 404                       |
|                  | Mean =                    |
|                  | 4515.1                    |
|                  | 4435.8                    |
|                  | 4515.1                    |
|                  | 4937.5                    |
|                  | 4600.9                    |

# University of Georgia

**BRAKE AND VULCARUS TIMINGS FOR PEANUT**

Trial ID: PE-16B-22      Study Dir.: N. SHAY  
Location: PONDER FARM      Investigator: Eric P. Prostko

**Part Rated**

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

Leaf = LEAF / FOLIAGE

**Rating Unit**

% = PERCENT

In = INCH

**ARM Action Codes**

T1 = ([C8]+[C9]+[C10]+[C11]+[C12])/5

T2 = ([C14]+[C15]+[C16]+[C17]+[C18])/5

T4 = ([C22]+[C23]+[C24]+[C25]+[C26])/5

T3 = [C28]\*0.98

TY5 = 269.42666667\*[29]