# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

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 | Appl Code | Amt Product to Measure | Diluent | Rep 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO DRA | | | | | | | - | 101 | 202 | 307 | 404 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | PRE | 25.0 mL/mx | 1472.5 mL | | | | |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | PRE | 2.344 mL/mx | | | | | |
| | STRONGARM | 84 | WG | 0.225 | oz/a | PRE | 0.1685 g/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | 1462.1 mL | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 2 | NO DRA | | | | | | | - | 102 | 206 | 309 | 408 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | EPOST | 6.25 mL/mx | 1426.2 mL | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | EPOST | 4.687 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 3 | REIGN | | | 0.25 | % v/v | | 3.75 mL/mx | 1496.3 mL | 103 | 205 | 304 | 401 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | PRE | 25.0 mL/mx | 1472.5 mL | | | | |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | PRE | 2.344 mL/mx | | | | | |
| | STRONGARM | 84 | WG | 0.225 | oz/a | PRE | 0.1685 g/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | 1462.1 mL | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 4 | REIGN | | | 0.25 | % v/v | | 3.75 mL/mx | 1496.3 mL | 104 | 207 | 301 | 403 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | EPOST | 6.25 mL/mx | 1426.2 mL | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | EPOST | 4.687 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 5 | CLASP | | | 0.25 | % v/v | | 3.75 mL/mx | 1496.3 mL | 105 | 208 | 305 | 406 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | PRE | 25.0 mL/mx | 1472.5 mL | | | | |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | PRE | 2.344 mL/mx | | | | | |
| | STRONGARM | 84 | WG | 0.225 | oz/a | PRE | 0.1685 g/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | 1462.1 mL | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 6 | CLASP | | | 0.25 | % v/v | | 3.75 mL/mx | 1496.3 mL | 106 | 201 | 306 | 402 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | EPOST | 6.25 mL/mx | 1426.2 mL | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | EPOST | 4.687 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |

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Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

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 | Appl Code | Amt Product to Measure | Diluent | Rep 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | INTERLOCK | | | 0.208 | % v/v | | 3.12 mL/mx | 1496.9 mL | 107 | 203 | 308 | 409 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | PRE | 25.0 mL/mx | 1472.5 mL | | | | |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | PRE | 2.344 mL/mx | | | | | |
| | STRONGARM | 84 | WG | 0.225 | oz/a | PRE | 0.1685 g/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | 1462.1 mL | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 8 | INTERLOCK | | | 0.208 | % v/v | | 3.12 mL/mx | 1496.9 mL | 108 | 209 | 302 | 405 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | EPOST | 6.25 mL/mx | 1426.2 mL | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | EPOST | 4.687 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | EPOST | 12.5 mL/mx | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | POST | 3.125 mL/mx | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | POST | 9.766 mL/mx | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | POST | 12.5 mL/mx | | | | | |
| 9 | NO HERBICIDE/DRA | | | | | | | - | 109 | 204 | 303 | 407 |

Sort Order: Treatment

Trial Comments

AGRASS = NON-UNIFORM MIXTURE OF ANNUAL GRASSES (TX PANICUM, CRABGRASS, GOOSEGRASS, CROWFOOTGRASS, SANDBUR)

**REIGN** = DEPOSTION AND DRIFT CONTROL AGENT (LOVELAND) - NUTRIEN
**CLASP** = DRIFT RETARDANT AND DEPOSITION AID (HELENA)
**INTERLOCK** = DRIFT CONTROL AGENT, CANOPY PENETRANT, DEPOSTION AID (WINFIELD) - GREENPOINT AG

0.208% V/V = 4 OZ/A
0.25% V/V = 1 QT/100 GALS

DRA WASS ADDED IN LAST

DIGGING DATE: 09/18/25 (137 DAYS)
HARVEST DATE: 09/23/25
HARVEST MOISTURE: 9.7%
YIELDS ADJUSTED TO 10%
2% DEDUCTION FOR FM

***SUMMARY:***

1) PEANUT INJURY WAS SLIGHTLY INCREASED (+3-5%) WHEN REIGN WAS USED.

2) GENERALLY, PEANUT WEED CONTROL WAS NOT REDUCED BY ANY DRA.

3) FOR PEANUT YIELD, THERE WAS SIGNIFICANT INTERACTION BETWEEN DRA AND HERBICIDE TREATMENT.

A) WITH THE PRE + POST PROGRAM, PEANUT YIELDS WERE REDUCED (-8%) WHEN CLASP WAS ADDED.

B) WITH THE EPOST + POST PROGRAM, PEANUT YIELDS WERE REDUCED (-6%) WHEN INTERLOCK WAS ADDED.

C) GENERALLY, PRE + POST PROGRAM YIELDS WERE GREATER THAN EPOST + POST PROGRAM YIELDS.

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Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

## General Trial Information

**Study Director:** _____ **Title:** _____
**Investigator:** ERIC P. PROSTKO **Title:** _____

**Discipline:** ___ **Data Location:** _____
**Status:** E established **Usage/Type:** ___
**Status Date:** Sep-24-25 **Last Export Date:** _____ **Last Changed By:** Eric P. Prostko
**ARM Trial Created On:** Dec-16-24 **Meets All Objectives:** _ **Reliability:** _____
**Initiation Date:** _____ **Planned Completion Date:** _____ **Interim Data Due:** _____
**Completion Date:** _____ **Last Possible Tour Visit:** _____
**Protocol Revision Number:** _____ **Protocol Revision Date:** Dec-16-24
**Interim Report Due:** _____ **Final Report Due:** _____

**Trial Location**
**Address (Location):** _____
**City:** _____ **Country:** ___
**State/Prov.:** _____ ___ **County:** _____
**Postal Code:** _____ **Climate Zone:** _____

**Upper Left:** _____ _____ **Upper Right:** _____ _____
**Latitude of LL Corner °:** _____ _ **Lower Right:** _____ _____
**Longitude of LL Corner °:** _____ _ _____ _____ - _____
**GPS Accuracy of LL Corner:** _____ __ _____ - _____
**Altitude of LL Corner:** _____ _____ **GPS Target:** ___
**Angle y-axis to North °:** _____ **Map Reference:** _____
**Time Zone:** _____

**Directions:**

**Keywords:**

## Regulations

## Contacts

## Crop Description

**Crop 1:** C ARHHY Arachis hypogaea peanut
**Entry Date:** Oct-6-25 **Crop Group:** _____ **Stage Scale:** BBCH
**Variety:** GA-06G **Maturity Group:** _____
**Attributes:** _____ **Natural Crop Population:** _
**Seed Lot No:** _____ **Seed Source:** _____
**% Germination:** _____ **% Seed Moisture:** _____ **1000 Seed Weight:** _____ __
**Seed Shape:** _____ **Seed Size:** _____ __
**Perennial Age:** _____ _____ **Perennial Height:** _____ __
**Seed Mod./Coating Type:** _____ **Seed Treatment Products:** _____
**Nursery Date:** _____
**Planting Date:** May-5-25 **Approximate?:** _ **Planting Rate:** _____
**Depth:** 2 IN **Planting Density:** 3.5
**Rows per Plot:** 4 **Planting Method:** _____
**Row Spacing:** _____ _____ **Planting Equipment:** _____
**Spacing within Row:** _____ _____ **Seed Bed:** _____
**Soil Temperature:** _____ _ **Soil Moisture:** _____
**Ground Cover Planting:** _____ **Plant Arrangement:** _____
**Emergence Date:** _____
**Planting Stage:** _____ **Plant Shape:** _____
**Transplant Weight:** _____ _____ **Transplant Height:** _____ __
**Rootstock:** _____ **Scion:** _____
**Harvest Date:** _____ **Harvest Equipment:** _____
**Moisture Meter:** _____ **Harvested Width:** 6 FT
**% Standard Moisture:** 10.0 **Harvested Length:** 25 FT
**Weighing Equipment:** _____

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## Pest Description

**Pest 1 Type:** W **Code:** AMAPA Amaranthus palmeri **Entry Date:**
**Common Name:** Palmer amaranth **Stage Scale:** BBCH
**Attributes:** _____ **Artificial Population:** _
**Resistance Characteristics:** _____ _____ _____ **Resistance Information:** ___
**Establishment Date:** _____ **Time:** _____ **Stage at Establishment:** _____
**Establishment Rate:** _____ _____ **Pest Depth:** _____
**Concentration:** _____ _____
**Establishment Method/Description:** _____
**Crop:** __ _____ **Stage at Infestation:** _____

**Pest 2 Type:** W **Code:** RAPRA Raphanus raphanistrum **Entry Date:**
**Common Name:** Wild radish **Stage Scale:** BBCH
**Attributes:** _____ **Artificial Population:** _
**Resistance Characteristics:** _____ _____ _____ **Resistance Information:** ___
**Establishment Date:** _____ **Time:** _____ **Stage at Establishment:** _____
**Establishment Rate:** _____ _____ **Pest Depth:** _____
**Concentration:** _____ _____
**Establishment Method/Description:** _____
**Crop:** __ _____ **Stage at Infestation:** _____

**Pest 3 Type:** W **Code:** MOLVE Mollugo verticillata **Entry Date:**
**Common Name:** carpetweed **Stage Scale:** BBCH
**Attributes:** _____ **Artificial Population:** _
**Resistance Characteristics:** _____ _____ _____ **Resistance Information:** ___
**Establishment Date:** _____ **Time:** _____ **Stage at Establishment:** _____
**Establishment Rate:** _____ _____ **Pest Depth:** _____
**Concentration:** _____ _____
**Establishment Method/Description:** _____
**Crop:** __ _____ **Stage at Infestation:** _____

**Pest 4 Type:** _ **Code:** AGRASS _____ **Entry Date:**
**Common Name:** ANNUAL GRASSES **Stage Scale:** ____
**Attributes:** _____ **Artificial Population:** _
**Resistance Characteristics:** _____ _____ _____ **Resistance Information:** ___
**Establishment Date:** _____ **Time:** _____ **Stage at Establishment:** _____
**Establishment Rate:** _____ _____ **Pest Depth:** _____
**Concentration:** _____ _____
**Establishment Method/Description:** _____
**Crop:** __ _____ **Stage at Infestation:** _____

## Site and Design

**Treated Plot Width:** 6 FT **Total Plot Width:** _____ _____ **Site Type:** _____
**Treated Plot Length:** 25 FT **Total Plot Length:** _____ _____ **Experimental Unit:** _____ _____
**Treated Plot Area:** 150.0 FT2 **Trial Cost:** _____ ___ **Tillage Type:** _____
**Replications:** 4 **Treatments:** 9 **Plots:** 36 **Study Design:** FACTOR F
**% Slope:** _____ **Trial Map arranged as in field?:** _ **Exposure:** _____
**Untreated Arrangement:** _____
**Block Arrangement:** _____
**Distance between Blocks:** 1 **Buffer Zone:** _____
**Distance between 'Plot' Experimental Units:** 0.5 FT

**Trial Initiation Comments:**

**Location Quality:**

| No. | Previous Crop | Previous Pest Type | Previous Pest | Previous Pesticides | Year | Month | Comment |
|---|---|---|---|---|---|---|---|
| 1. | CORN | | | | 2024 | | |
| 2. | | | | | | | |

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Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

## Maintenance

| No. | Date | Type | Maintenance Product Name | Form Conc | Form Unit | Form Type | Lot Code | Specific Gravity | Registration Number | Re-Entry Interval | Description | Cost | Cost Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | | | | | | |

| No. | Date | Type | Maintenance Product Name | Identification Code | Supplier | Risk Phrase | Safety Phrase | Rate | Rate Unit | Tank Mix (Y/N) | Tank Mix (Yes/No) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | | | | | |

**Comment:**

**Field Prep./Maintenance:**
750 LBS/A 5-15-30: PREPLANT
36"-9" TWIN ROWS
7.5 LBS/A THIMET 20G INFR
RANCONA VPD SEED TREATMENT

## Soil Description

**Date:** _____
**Description Name:** _____
**% Sand:** 96 **% OM:** 0.8 **Texture:** SAND
**% Silt:** 2 **% Carbon:** _____ **Soil Name:** TIFTON
**% Clay:** 2 **% Lime:** _____ **Fert. Level:** G good
**pH:** 6.0 **CEC:** 2.9
**Soil Drainage:** _ **Water Leaching:** _____ _____
**Turf Thatch Rating:** _____
**Comment:**

**Soil Properties to Record**

| No. | Property | Unit |
|---|---|---|
| | | |
| 1. | | |

**Additional Measured Soil Properties**
**Insert Soil Records**

| No. | Date | Property | Value | Unit | Depth | Unit | Source | Comment |
|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | |

## Weather Conditions

**Overall Moisture Conditions:** _____ **Irrigation Type:** _____
**Weather Station Name:** _____ **Code:** _____ **Distance:** _____ __ **Official Weath**

| No. | Date | Time | Moisture Total | Unit | Precip | Unit | Irrigation | Unit | Type | Type Description | Interval | Unit | Leaf Wetness Duration | Unit | 30Y Precip | Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | | | | | | | | | |

| No. | Date | Min Temp | Max Temp | Avg Temp | Temp Unit | 30Y Min Temp | 30Y Max Temp | 30Y Avg Temp | Unit | Min % Relative Humidity | Max % Relative Humidity | Avg % Relative Humidity | Min Wind | Max Wind | Avg Wind | Unit | 30Y Avg Wind |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | | | | | | | | | | |

| No. | Date | Unit | % Cloud Cover | Avg Shortwave Radiation | Unit | 30Y Avg Shortwave Radiation | Unit | Avg Soil Temp | Unit | 0-10 cm Scaled Soil Moisture | 0-200 cm Scaled Soil Moisture | Source | Additional Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | | | | | | | | | | | | | |

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Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

**Comment:**
***RAINFALL/IRRIGATION DATA:***

**Controlled Environment (Greenhouse/Growth Chamber)**

| No. | Equipment No. | Light Equipment No. | Light Equipment Name | Min Temp Hours | Max Temp Hours | Irrigation Equipment No. | Irrigation Equipment Name |
|---|---|---|---|---|---|---|---|
| 1. | | | | | | | |

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**Application Description**

| | A | B | C |
|---|---|---|---|
| | | | |
| **Date** | May-6-25 | May-19-25 | Jun-11-25 |
| **Start Time** | | | |
| **Stop Time** | 7:00 AM | 6:30 AM | 6:30 AM |
| **Interval to Prev. Appl.** | | 13 DAYS | 23 DAYS |
| **Standard** | | | |
| **Method** | BROADCAST | BROADCAST | BROADCAST |
| **Timing** | PRE | EPOST | POST |
| **Placement** | SOIL | FOLIAGE | FOLIAGE |
| **Mixed/Prepared By** | EPP | EPP | EPP |
| **Applied By** | EPP | EPP | EPP |
| **Entry Date** | Oct-6-25 | Oct-6-25 | Oct-6-25 |
| **Air Temperature Start, Stop** | 59, F | 69, F | 71, F |
| **% Relative Humidity Start, Stop** | 72, | 98, | 99, |
| **Wind Velocity+Dir. Start** | 1 MPH, | 0 MPH, | 0 MPH, |
| **Wind Velocity+Dir. Stop** | | | |
| **Wind Velocity+Dir. Max** | | | |
| **Wet Leaves (Y/N)** | N, no | Y, yes | Y, yes |
| **Soil Temperature** | 62 F | 76 F | 75 F |
| **Soil Temperature Depth** | | | |
| **Soil Moisture** | OPTIMUM | OPTIMUM | WET |
| **Flood-Appl Interval** | | | |
| **Soil Surface Condition** | | | |
| **% Ground Cover** | 85 | 95 | 10 |
| **% Cloud Cover** | | | |
| **Solar Radiation Start** | | | |
| **Solar Radiation Stop** | | | |
| **Solar Radiation Max** | | | |
| **First Moisture Occurred On** | | | |
| **Time to First Moisture** | | | |
| **Amount of First Moisture** | | | |
| **Moisture 2 Weeks Before Appl.** | | | |
| **Moisture 1 Week Before Appl.** | | | |
| **Moisture 6 Hours After Appl.** | | | |
| **Moisture 24 Hours After Appl.** | | | |
| **Moisture 1 Week After Appl.** | | | |
| **Moisture 2 Weeks After Appl.** | | | |
| **Moisture 3 Weeks After Appl.** | | | |
| **Moisture 4 Weeks After Appl.** | | | |
| **Weather Source** | | | |
| **Problems with Application?** | | | |

**Comment:**

**Protocol Application Directions:**

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**Crop Stage At Each Application**

| | A | B | C |
|---|---|---|---|
| **Crop 1 Code, BBCH Scale** | ARHHY, BPNT | ARHHY, BPNT | ARHHY, BPNT |
| **Days after Emergence** | | | |
| **Stage Scale Used** | BBCH | BBCH | BBCH |
| **Stage Majority, Percent** | | V4, | R1-R2, |
| **Stage Minimum, Percent** | | | |
| **Stage Maximum, Percent** | | | |
| **Growth Condition** | | | |
| **Diameter Average** | | | |
| **Diameter Minimum, Maximum** | | | |
| **Height Average** | | 3 IN | 7 IN |
| **Height Minimum, Maximum** | | | |
| **Density Average** | | | |
| **Density Minimum, Maximum** | | | |
| **Total Canopy Height** | | | |
| **Treated Canopy Height** | | | |
| **Treated Leaf Wall Area** | | | |
| **Treated LWA Formula** | | | |
| **Treated LWA per Plot** | | | |
| **Total Leaf Wall Area** | | | |
| **Total LWA Formula** | | | |
| **Treated Tree Row Volume** | | | |
| **Treated TRV Formula** | | | |
| **Treated TRV per Plot** | | | |
| **Total Tree Row Volume (m3/ha)** | | | |
| **Coverage** | | | |

**Pest Stage At Each Application**

| | A | B | C |
|---|---|---|---|
| **Pest 1 Code, Type, Scale** | AMAPA, W, BBCH | AMAPA, W, BBCH | AMAPA, W, BBCH |
| **Establishment Interval** | | | |
| **Stage Majority, Percent** | | | |
| **Stage Minimum, Percent** | | | |
| **Stage Maximum, Percent** | | | |
| **Growth Condition** | | | |
| **Diameter Average** | | | |
| **Diameter Minimum, Maximum** | | | |
| **Height Average** | | IN | IN |
| **Height Minimum, Maximum** | | 1, 4 | 4, 12 |
| **Relative Density** | | | |
| **Density Average** | | | |
| **Density Minimum, Maximum** | | | |
| **Coverage** | | | |
| **Crop Part Attacked, Code** | | | |
| **Pest 2 Code, Type, Scale** | RAPRA, W, BBCH | RAPRA, W, BBCH | RAPRA, W, BBCH |
| **Establishment Interval** | | | |
| **Stage Majority, Percent** | | | |

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| | A | B | C |
|---|---|---|---|
| **Stage Minimum, Percent** | | | |
| **Stage Maximum, Percent** | | | |
| **Growth Condition** | | | |
| **Diameter Average** | | | |
| **Diameter Minimum, Maximum** | | | |
| **Height Average** | | IN | IN |
| **Height Minimum, Maximum** | | 1, 3 | 4, 6 |
| **Relative Density** | | | |
| **Density Average** | | | |
| **Density Minimum, Maximum** | | | |
| **Coverage** | | | |
| **Crop Part Attacked, Code** | | | |
| **Pest 3 Code, Type, Scale** | MOLVE, W, BBCH | MOLVE, W, BBCH | MOLVE, W, BBCH |
| **Establishment Interval** | | | |
| **Stage Majority, Percent** | | | |
| **Stage Minimum, Percent** | | | |
| **Stage Maximum, Percent** | | | |
| **Growth Condition** | | | |
| **Diameter Average** | | | |
| **Diameter Minimum, Maximum** | | | |
| **Height Average** | | | |
| **Height Minimum, Maximum** | | | |
| **Relative Density** | | | |
| **Density Average** | | | |
| **Density Minimum, Maximum** | | | |
| **Coverage** | | | |
| **Crop Part Attacked, Code** | | | |
| **Pest 4 Code, Type, Scale** | AGRASS, | AGRASS, | AGRASS, |
| **Establishment Interval** | | | |
| **Stage Majority, Percent** | | | |
| **Stage Minimum, Percent** | | | |
| **Stage Maximum, Percent** | | | |
| **Growth Condition** | | | |
| **Diameter Average** | | | |
| **Diameter Minimum, Maximum** | | | |
| **Height Average** | IN | IN | IN |
| **Height Minimum, Maximum** | 1, 2 | 1, 2 | 4, 6 |
| **Relative Density** | | | |
| **Density Average** | | | |
| **Density Minimum, Maximum** | | | |
| **Coverage** | | | |
| **Crop Part Attacked, Code** | | | |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

**Application Equipment**

| | A | B | C |
|---|---|---|---|
| **Equipment Name** | | | |
| **Equipment Type** | BACCAI | BACCAI | BACCAI |
| **Flying Mode** | | | |
| **Operation Pressure** | 35 PSI | 38 PSI | 38 PSI |
| **Nozzle Model** | | | |
| **Nozzle Type** | TTI | AIXR | AIXR |
| **Nozzle TradeName** | | | |
| **Nozzle Tip Size, Color** | 11002, | 11002, | 11002, |
| **Nozzle Spacing** | 20.0 IN | 20.0 IN | 20.0 IN |
| **Nozzles/Row** | | | |
| **Nozzle Count** | | | |
| **Nozzle Calibration** | | | |
| **Nozzle Filter Mesh** | | | |
| **Spray Quality** | | | |
| **Time to Treat 1 Plot** | | | |
| **Band Width** | | | |
| **Spray Swath** | | | |
| **% Coverage** | | | |
| **Row Sides Applied** | | | |
| **Concentration Factor** | | | |
| **Boom ID** | | | |
| **Boom Length** | 60.0 IN | 60.0 IN | 60.0 IN |
| **Boom Height** | 20.0 IN | 20.0 IN | 20.0 IN |
| **Boom Flow Rate** | | | |
| **Ground Speed** | 3.5 MPH | 3.5 MPH | 3.5 MPH |
| **Incorporation Equip.** | | | |
| **Hours to Incorp.** | | | |
| **Incorp. Depth** | | | |
| **Carrier** | WATER | WATER | WATER |
| **Water Hardness (ppm CaCO3)** | | | |
| **Application Amount** | 15 GAL/AC | 15 GAL/AC | 15 GAL/AC |
| **Minimum Mix/Treatment** | 0.782 L | 0.782 L | 0.782 L |
| **Mix Overage** | | | |
| **Mix Size** | | | |
| **Spray pH** | | | |
| **Propellant** | COMCO2 | COMCO2 | COMCO2 |
| **Tank Mix (Y/N)** | | | |

**Equipment Comment:**

**Protocol Equipment Comment:**

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
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Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

## Equipment

| | 1. |
|---|---|
| **Equipment Name** | |
| **Type** | |
| **Method/Sub-type** | |
| **Method/Sub-type Description** | |
| **Trade Name** | |
| **Model** | |
| **Sensor Type** | |
| **Sensor Trade Name** | |
| **Sensor Model** | |
| **Resolution** | |
| **Sensor Height** | |
| **Sensor Speed** | |
| **Original Data Location** | |
| **Analysis Company** | |
| **Analysis Method** | |
| **Software Version** | |
| **Scale Trade Name** | |
| **Scale Model** | |

## Treatment Appl. Comments

## Notes

## Deviations

**No. 1:**

## SE Definitions

**1.**

**SE Tasks**
**1.**

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
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Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rating Date | | | | | | May-15-25 | May-15-25 | May-15-25 | May-15-25 | May-27-25 | May-27-25 | May-27-25 |
| Rating Type | | | | | | Stunting | Control | Control | Control | Stunting | Necrosis | Control |
| Rating Unit | | | | | | % | % | % | % | % | % | % |
| Crop Name | | | | | | PEANUT | | | | Peanut | Peanut | |
| Pest Code | | | | | | | AMAPA | RAPRA | AGRASS | | | AMAPA |
| TABLE OF R MEANS | | | | | | | | | | | | |
| Replicate 1 | | | | | | 7.5 | 49.5 | 49.5 | 49.5 | 8.8 | 6.3 | 99.0 |
| Replicate 2 | | | | | | 5.6 | 49.5 | 49.5 | 49.5 | 13.1 | 6.3 | 99.0 |
| Replicate 3 | | | | | | 8.8 | 49.5 | 49.5 | 49.5 | 9.4 | 5.6 | 98.5 |
| Replicate 4 | | | | | | 7.5 | 49.5 | 49.5 | 49.5 | 9.4 | 7.5 | 99.0 |
| TABLE OF A (DRA) MEANS | | | | | | | | | | | | |
| 1 | NO DRA | | | | | 7.5 - | 49.5 na | 49.5 na | 49.5 na | 9.4 b | 6.9 - | 99.0 - |
| 2 | REIGN | | | 0.25 | % v/v | 8.1 - | 49.5 na | 49.5 na | 49.5 na | 12.5 a | 6.3 - | 99.0 - |
| 3 | CLASP | | | 0.25 | % v/v | 6.3 - | 49.5 na | 49.5 na | 49.5 na | 9.4 b | 6.3 - | 98.5 - |
| 4 | INTERLOCK | | | 0.208 | % v/v | 7.5 - | 49.5 na | 49.5 na | 49.5 na | 9.4 b | 6.3 - | 99.0 - |
| LSD P=.10 | | | | | | 2.31 | . | . | . | 2.31 | 1.73 | 0.65 |
| Standard Deviation | | | | | | 2.52 | 0.00 | 0.00 | 0.00 | 2.52 | 1.89 | 0.71 |
| CV | | | | | | 34.28 | 0.00 | 0.00 | 0.00 | 24.79 | 29.45 | 0.72 |
| TABLE OF B (TREATMENT) MEANS | | | | | | | | | | | | |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 14.7 a | 99.0 na | 99.0 na | 99.0 na | 5.3 b | 0.0 b | 99.0 - |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | 0.0 b | 0.0 na | 0.0 na | 0.0 na | 15.0 a | 12.8 a | 98.8 - |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| LSD P=.10 | | | | | | 3.03 | . | . | . | 2.78 | 1.85 | 0.59 |
| Standard Deviation | | | | | | 3.64 | 0.00 | 0.00 | 0.00 | 3.35 | 2.22 | 0.71 |
| CV | | | | | | 49.63 | 0.00 | 0.00 | 0.00 | 32.95 | 34.72 | 0.72 |
| TABLE OF A (DRA) B (TREATMENT) MEANS | | | | | | | | | | | | |
| 1 | NO DRA | | | | | 15.0 - | 99.0 na | 99.0 na | 99.0 na | 3.8 - | 0.0 - | 99.0 - |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | May-15-25 | May-15-25 | May-15-25 | May-15-25 | May-27-25 | May-27-25 | May-27-25 |
| | Rating Type | | | | | Stunting | Control | Control | Control | Stunting | Necrosis | Control |
| | Rating Unit | | | | | % | % | % | % | % | % | % |
| | Crop Name | | | | | PEANUT | | | | Peanut | Peanut | |
| | Pest Code | | | | | | AMAPA | RAPRA | AGRASS | | | AMAPA |
| 2 | REIGN | | | 0.25 | % v/v | 16.3 - | 99.0 na | 99.0 na | 99.0 na | 7.5 - | 0.0 - | 99.0 - |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 3 | CLASP | | | 0.25 | % v/v | 12.5 - | 99.0 na | 99.0 na | 99.0 na | 5.0 - | 0.0 - | 99.0 - |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 15.0 - | 99.0 na | 99.0 na | 99.0 na | 5.0 - | 0.0 - | 99.0 - |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 1 | NO DRA | | | | | 0.0 - | 0.0 na | 0.0 na | 0.0 na | 15.0 - | 13.8 - | 99.0 - |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | REIGN | | | 0.25 | % v/v | 0.0 - | 0.0 na | 0.0 na | 0.0 na | 17.5 - | 12.5 - | 99.0 - |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | May-15-25 | May-15-25 | May-15-25 | May-15-25 | May-27-25 | May-27-25 | May-27-25 |
| | Rating Type | | | | | Stunting | Control | Control | Control | Stunting | Necrosis | Control |
| | Rating Unit | | | | | % | % | % | % | % | % | % |
| | Crop Name | | | | | PEANUT | | | | Peanut | Peanut | |
| | Pest Code | | | | | | AMAPA | RAPRA | AGRASS | | | AMAPA |
| 3 | CLASP | | | 0.25 | % v/v | 0.0 - | 0.0 na | 0.0 na | 0.0 na | 13.8 - | 12.5 - | 98.0 - |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 0.0 - | 0.0 na | 0.0 na | 0.0 na | 13.8 - | 12.5 - | 99.0 - |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| LSD P=.10 | | | | | | 3.26 | . | . | . | 3.60 | 2.45 | 0.92 |
| Standard Deviation | | | | | | 2.52 | 0.00 | 0.00 | 0.00 | 2.78 | 1.89 | 0.71 |
| CV | | | | | | 34.28 | 0.00 | 0.00 | 0.00 | 27.37 | 29.45 | 0.72 |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | May-27-25 Control % AGRASS | May-27-25 Control % MOLVE | Jun-4-25 Control % AMAPA | Jun-4-25 Control % RAPRA | Jun-4-25 Control % AGRASS | Jun-4-25 Control % MOLVE | Jun-17-25 Necrosis % Peanut | Jun-17-25 Control % AMAPA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| TABLE OF R MEANS | | | | | | | | | | | | | |
| Replicate 1 | | | | | | 99.0 | 99.0 | 98.5 | 98.5 | 98.5 | 99.0 | 16.9 | 99.0 |
| Replicate 2 | | | | | | 99.0 | 99.0 | 99.0 | 98.5 | 98.5 | 99.0 | 17.5 | 99.0 |
| Replicate 3 | | | | | | 97.5 | 99.0 | 98.5 | 98.0 | 96.9 | 99.0 | 18.8 | 99.0 |
| Replicate 4 | | | | | | 99.0 | 99.0 | 97.5 | 97.5 | 99.0 | 87.8 | 17.5 | 99.0 |
| TABLE OF A (DRA) MEANS | | | | | | | | | | | | | |
| 1 | NO DRA | | | | | 99.0 - | 99.0 na | 98.0 - | 98.0 - | 98.5 - | 99.0 - | 18.1 - | 99.0 na |
| 2 | REIGN | | | 0.25 | % v/v | 98.5 - | 99.0 na | 99.0 - | 98.5 - | 97.4 - | 99.0 - | 16.9 - | 99.0 na |
| 3 | CLASP | | | 0.25 | % v/v | 98.0 - | 99.0 na | 98.0 - | 97.5 - | 98.0 - | 99.0 - | 16.3 - | 99.0 na |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 - | 99.0 na | 98.5 - | 98.5 - | 99.0 - | 87.8 - | 19.4 - | 99.0 na |
| LSD P=.10 | | | | | | 1.24 | . | 1.08 | 1.38 | 1.85 | 14.58 | 2.66 | . |
| Standard Deviation | | | | | | 1.35 | 0.00 | 1.18 | 1.51 | 2.02 | 15.91 | 2.90 | 0.00 |
| CV | | | | | | 1.37 | 0.00 | 1.20 | 1.54 | 2.06 | 16.54 | 16.43 | 0.00 |
| TABLE OF B (TREATMENT) MEANS | | | | | | | | | | | | | |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 98.5 - | 99.0 na | 98.8 a | 99.0 a | 97.9 - | 99.0 - | 17.5 - | 99.0 na |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | 98.8 - | 99.0 na | 98.0 b | 97.3 b | 98.5 - | 93.4 - | 17.8 - | 99.0 na |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| LSD P=.10 | | | | | | 0.59 | . | 0.59 | 1.13 | 1.64 | 13.24 | 2.51 | . |
| Standard Deviation | | | | | | 0.71 | 0.00 | 0.71 | 1.35 | 1.97 | 15.91 | 3.02 | 0.00 |
| CV | | | | | | 0.72 | 0.00 | 0.72 | 1.38 | 2.00 | 16.54 | 17.10 | 0.00 |
| TABLE OF A (DRA) B (TREATMENT) MEANS | | | | | | | | | | | | | |
| 1 | NO DRA | | | | | 99.0 - | 99.0 na | 99.0 - | 99.0 - | 99.0 a | 99.0 - | 17.5 - | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | May-27-25 Control % AGRASS 8 | May-27-25 Control % MOLVE 9 | Jun-4-25 Control % AMAPA 10 | Jun-4-25 Control % RAPRA 11 | Jun-4-25 Control % AGRASS 12 | Jun-4-25 Control % MOLVE 13 | Jun-17-25 Necrosis % Peanut 14 | Jun-17-25 Control % AMAPA 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | REIGN | | | 0.25 | % v/v | 98.0 - | 99.0 na | 99.0 - | 99.0 - | 95.8 b | 99.0 - | 16.3 - | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 3 | CLASP | | | 0.25 | % v/v | 98.0 - | 99.0 na | 98.0 - | 99.0 - | 98.0 a | 99.0 - | 16.3 - | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 - | 99.0 na | 99.0 - | 99.0 - | 99.0 a | 99.0 - | 20.0 - | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 1 | NO DRA | | | | | 99.0 - | 99.0 na | 97.0 - | 97.0 - | 98.0 a | 99.0 - | 18.8 - | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | REIGN | | | 0.25 | % v/v | 99.0 - | 99.0 na | 99.0 - | 98.0 - | 99.0 a | 99.0 - | 17.5 - | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | May-27-25 Control % AGRASS 8 | May-27-25 Control % MOLVE 9 | Jun-4-25 Control % AMAPA 10 | Jun-4-25 Control % RAPRA 11 | Jun-4-25 Control % AGRASS 12 | Jun-4-25 Control % MOLVE 13 | Jun-17-25 Necrosis % Peanut 14 | Jun-17-25 Control % AMAPA 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | CLASP | | | 0.25 | % v/v | 98.0 - | 99.0 na | 98.0 - | 96.0 - | 98.0 a | 99.0 - | 16.3 - | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 - | 99.0 na | 98.0 - | 98.0 - | 99.0 a | 76.5 - | 18.8 - | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| LSD P=.10 | | | | | | 0.92 | . | 2.31 | 1.96 | 2.02 | 20.62 | 2.19 | . |
| Standard Deviation | | | | | | 0.71 | 0.00 | 1.78 | 1.51 | 1.56 | 15.91 | 1.69 | 0.00 |
| CV | | | | | | 0.72 | 0.00 | 1.81 | 1.54 | 1.58 | 16.54 | 9.59 | 0.00 |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Rating Date<br>Rating Type<br>Rating Unit<br>Crop Name<br>Pest Code | Jun-17-25<br>Control<br>%<br><br>RAPRA | Jun-17-25<br>Control<br>%<br><br>AGRASS | Jun-17-25<br>Control<br>%<br><br>MOLVE | Jun-25-25<br>Necrosis<br>%<br>Peanut | Jun-25-25<br>Control<br>%<br><br>AMAPA | Jun-25-25<br>Control<br>%<br><br>RAPRA | Jun-25-25<br>Control<br>%<br><br>AGRASS |
|---|---|---|---|---|---|---|---|
| Trt Treatment Form Form Rate<br>No. Name Conc Type Rate Unit | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| TABLE OF R MEANS<br>Replicate 1 | 99.0 | 99.0 | 99.0 | 5.6 | 99.0 | 99.0 | 99.0 |
| Replicate 2 | 99.0 | 99.0 | 99.0 | 6.3 | 99.0 | 99.0 | 99.0 |
| Replicate 3 | 99.0 | 96.1 | 99.0 | 5.6 | 99.0 | 99.0 | 99.0 |
| Replicate 4 | 99.0 | 99.0 | 99.0 | 5.6 | 98.5 | 99.0 | 99.0 |
| TABLE OF A (DRA) MEANS<br>1 NO DRA | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |
| 2 REIGN 0.25 % v/v | 99.0 na | 97.3 - | 99.0 na | 7.5 a | 99.0 - | 99.0 na | 99.0 na |
| 3 CLASP 0.25 % v/v | 99.0 na | 97.9 - | 99.0 na | 5.6 b | 98.5 - | 99.0 na | 99.0 na |
| 4 INTERLOCK 0.208 % v/v | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |
| LSD P=.10 | . | 2.25 | . | 1.73 | 0.65 | . | . |
| Standard Deviation | 0.00 | 2.46 | 0.00 | 1.89 | 0.71 | 0.00 | 0.00 |
| CV | 0.00 | 2.50 | 0.00 | 32.63 | 0.72 | 0.00 | 0.00 |
| | | | | | | | |
| TABLE OF B (TREATMENT) MEANS<br>1 PROWL H20 3.8 SC 32.0 oz/a<br>1 VALOR EZ 4 SC 3.0 oz/a<br>1 STRONGARM 84 WG 0.225 oz/a<br>1 CADRE 2 AS 4.0 oz/a<br>1 COBRA 2 EC 12.5 oz/a<br>1 BUTYRAC 2 SL 16.0 oz/a<br>1 DUAL MAGNUM 7.62 EC 16.0 oz/a | 99.0 na | 97.6 - | 99.0 na | 5.9 - | 98.8 - | 99.0 na | 99.0 na |
| 2 GRAMOXONE 3 SL 8.0 oz/a<br>2 ULTRA BLAZER 2 SL 16.0 oz/a<br>2 BASAGRAN 5 SL 6.0 oz/a<br>2 DUAL MAGNUM 7.62 EC 16.0 oz/a<br>2 CADRE 2 AS 4.0 oz/a<br>2 COBRA 2 EC 12.5 oz/a<br>2 BUTYRAC 2 SL 16.0 oz/a<br>2 DUAL MAGNUM 7.62 EC 16.0 oz/a | 99.0 na | 99.0 - | 99.0 na | 5.6 - | 99.0 - | 99.0 na | 99.0 na |
| LSD P=.10 | . | 3.38 | . | 1.41 | 0.59 | . | . |
| Standard Deviation | 0.00 | 4.07 | 0.00 | 1.69 | 0.71 | 0.00 | 0.00 |
| CV | 0.00 | 4.14 | 0.00 | 29.28 | 0.72 | 0.00 | 0.00 |
| | | | | | | | |
| TABLE OF A (DRA) B (TREATMENT) MEANS<br>1 NO DRA<br>1 PROWL H20 3.8 SC 32.0 oz/a<br>1 VALOR EZ 4 SC 3.0 oz/a<br>1 STRONGARM 84 WG 0.225 oz/a<br>1 CADRE 2 AS 4.0 oz/a<br>1 COBRA 2 EC 12.5 oz/a<br>1 BUTYRAC 2 SL 16.0 oz/a<br>1 DUAL MAGNUM 7.62 EC 16.0 oz/a | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Jun-17-25 Control % RAPRA | Jun-17-25 Control % AGRASS | Jun-17-25 Control % MOLVE | Jun-25-25 Necrosis % Peanut | Jun-25-25 Control % AMAPA | Jun-25-25 Control % RAPRA | Jun-25-25 Control % AGRASS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | Jun-17-25 | Jun-17-25 | Jun-17-25 | Jun-25-25 | Jun-25-25 | Jun-25-25 | Jun-25-25 |
| | Rating Type | | | | | Control | Control | Control | Necrosis | Control | Control | Control |
| | Rating Unit | | | | | % | % | % | % | % | % | % |
| | Crop Name | | | | | | | | Peanut | | | |
| | Pest Code | | | | | RAPRA | AGRASS | MOLVE | | AMAPA | RAPRA | AGRASS |
| | | | | | | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 2 | REIGN | | | 0.25 | % v/v | 99.0 na | 95.5 - | 99.0 na | 8.8 a | 99.0 - | 99.0 na | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 3 | CLASP | | | 0.25 | % v/v | 99.0 na | 96.8 - | 99.0 na | 5.0 b | 98.0 - | 99.0 na | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 1 | NO DRA | | | | | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | REIGN | | | 0.25 | % v/v | 99.0 na | 99.0 - | 99.0 na | 6.3 b | 99.0 - | 99.0 na | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Jun-17-25 Control % RAPRA | Jun-17-25 Control % AGRASS | Jun-17-25 Control % MOLVE | Jun-25-25 Necrosis % Peanut | Jun-25-25 Control % AMAPA | Jun-25-25 Control % RAPRA | Jun-25-25 Control % AGRASS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | Jun-17-25 | Jun-17-25 | Jun-17-25 | Jun-25-25 | Jun-25-25 | Jun-25-25 | Jun-25-25 |
| | Rating Type | | | | | Control | Control | Control | Necrosis | Control | Control | Control |
| | Rating Unit | | | | | % | % | % | % | % | % | % |
| | Crop Name | | | | | | | | Peanut | | | |
| | Pest Code | | | | | RAPRA | AGRASS | MOLVE | | AMAPA | RAPRA | AGRASS |
| | Trt No. | | | | | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 3 | CLASP | | | 0.25 | % v/v | 99.0 na | 99.0 - | 99.0 na | 6.3 b | 99.0 - | 99.0 na | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 na | 99.0 - | 99.0 na | 5.0 b | 99.0 - | 99.0 na | 99.0 na |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| LSD P=.10 | | | | | | . | 3.18 | . | 1.57 | 0.92 | . | . |
| Standard Deviation | | | | | | 0.00 | 2.46 | 0.00 | 1.21 | 0.71 | 0.00 | 0.00 |
| CV | | | | | | 0.00 | 2.50 | 0.00 | 21.01 | 0.72 | 0.00 | 0.00 |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Rating Date<br>Rating Type<br>Rating Unit<br>Crop Name<br>Pest Code | | | | | Jun-25-25<br>Control<br>%<br><br>MOLVE | Jul-10-25<br>Necrosis<br>%<br>Peanut | Jul-10-25<br>Control<br>%<br><br>AMAPA | Jul-10-25<br>Control<br>%<br><br>RAPRA | Jul-10-25<br>Control<br>%<br><br>AGRASS | Jul-10-25<br>Control<br>%<br><br>MOLVE | Sep-23-25<br>YIELD-DIRTY<br>LBS/PLOT<br>Peanut |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate Unit | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| TABLE OF R MEANS | | | | | | | | | | | |
| Replicate 1 | | | | | 99.0 | 0.0 | 99.0 | 99.0 | 98.0 | 99.0 | 22.25 |
| Replicate 2 | | | | | 99.0 | 0.0 | 98.5 | 99.0 | 99.0 | 99.0 | 21.58 |
| Replicate 3 | | | | | 99.0 | 0.0 | 98.0 | 99.0 | 99.0 | 99.0 | 23.75 |
| Replicate 4 | | | | | 99.0 | 0.0 | 98.0 | 99.0 | 99.0 | 99.0 | 20.51 |
| TABLE OF A (DRA) MEANS | | | | | | | | | | | |
| 1 | NO DRA | | | | 99.0 na | 0.0 na | 97.5 b | 99.0 na | 98.0 - | 99.0 na | 22.36 - |
| 2 | REIGN | | | 0.25 % v/v | 99.0 na | 0.0 na | 98.0 b | 99.0 na | 99.0 - | 99.0 na | 22.26 - |
| 3 | CLASP | | | 0.25 % v/v | 99.0 na | 0.0 na | 99.0 a | 99.0 na | 99.0 - | 99.0 na | 22.09 - |
| 4 | INTERLOCK | | | 0.208 % v/v | 99.0 na | 0.0 na | 99.0 a | 99.0 na | 99.0 - | 99.0 na | 21.38 - |
| LSD P=.10 | | | | | . | . | 0.89 | . | 1.30 | . | 1.826 |
| Standard Deviation | | | | | 0.00 | 0.00 | 0.97 | 0.00 | 1.41 | 0.00 | 1.992 |
| CV | | | | | 0.00 | 0.00 | 0.99 | 0.00 | 1.43 | 0.00 | 9.047 |
| | | | | | | | | | | | |
| TABLE OF B (TREATMENT) MEANS | | | | | | | | | | | |
| 1 | PROWL H20 | 3.8 | SC | 32.0 oz/a | 99.0 na | 0.0 na | 98.0 - | 99.0 na | 98.8 na | 99.0 na | 22.75 a |
| 1 | VALOR EZ | 4 | SC | 3.0 oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | | | | | | |
| 2 | GRAMOXONE | 3 | SL | 8.0 oz/a | 99.0 na | 0.0 na | 98.8 - | 99.0 na | 98.8 na | 99.0 na | 21.29 b |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | | | | | | |
| LSD P=.10 | | | | | . | . | 1.13 | . | . | . | 1.433 |
| Standard Deviation | | | | | 0.00 | 0.00 | 1.35 | 0.00 | 0.00 | 0.00 | 1.722 |
| CV | | | | | 0.00 | 0.00 | 1.38 | 0.00 | 0.00 | 0.00 | 7.822 |
| | | | | | | | | | | | |
| TABLE OF A (DRA) B (TREATMENT) MEANS | | | | | | | | | | | |
| 1 | NO DRA | | | | 99.0 na | 0.0 na | 97.0 - | 99.0 na | 98.0 na | 99.0 na | 23.50 a |
| 1 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Jun-25-25 Control % MOLVE | Jul-10-25 Necrosis % Peanut | Jul-10-25 Control % AMAPA | Jul-10-25 Control % RAPRA | Jul-10-25 Control % AGRASS | Jul-10-25 Control % MOLVE | Sep-23-25 YIELD-DIRTY LBS/PLOT Peanut |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | Jun-25-25 | Jul-10-25 | Jul-10-25 | Jul-10-25 | Jul-10-25 | Jul-10-25 | Sep-23-25 |
| | Rating Type | | | | | Control | Necrosis | Control | Control | Control | Control | YIELD-DIRTY |
| | Rating Unit | | | | | % | % | % | % | % | % | LBS/PLOT |
| | Crop Name | | | | | | Peanut | | | | | Peanut |
| | Pest Code | | | | | MOLVE | | AMAPA | RAPRA | AGRASS | MOLVE | |
| | | | | | | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 2 | REIGN | | | 0.25 | % v/v | 99.0 na | 0.0 na | 97.0 - | 99.0 na | 99.0 na | 99.0 na | 23.08 a |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 3 | CLASP | | | 0.25 | % v/v | 99.0 na | 0.0 na | 99.0 - | 99.0 na | 99.0 na | 99.0 na | 21.73 bcd |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 na | 0.0 na | 99.0 - | 99.0 na | 99.0 na | 99.0 na | 22.70 ab |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | | | | | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | | | | | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | | | | | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 1 | NO DRA | | | | | 99.0 na | 0.0 na | 98.0 - | 99.0 na | 98.0 na | 99.0 na | 21.23 d |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | REIGN | | | 0.25 | % v/v | 99.0 na | 0.0 na | 99.0 - | 99.0 na | 99.0 na | 99.0 na | 21.45 cd |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Jun-25-25 Control % MOLVE | Jul-10-25 Necrosis % Peanut | Jul-10-25 Control % AMAPA | Jul-10-25 Control % RAPRA | Jul-10-25 Control % AGRASS | Jul-10-25 Control % MOLVE | Sep-23-25 YIELD-DIRTY LBS/PLOT Peanut |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 3 | CLASP | | | 0.25 | % v/v | 99.0 na | 0.0 na | 99.0 - | 99.0 na | 99.0 na | 99.0 na | 22.45 abc |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 99.0 na | 0.0 na | 99.0 - | 99.0 na | 99.0 na | 99.0 na | 20.05 e |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | | | | | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| LSD P=.10 | | | | | | . | . | 2.14 | . | . | . | 1.133 |
| Standard Deviation | | | | | | 0.00 | 0.00 | 1.65 | 0.00 | 0.00 | 0.00 | 0.874 |
| CV | | | | | | 0.00 | 0.00 | 1.68 | 0.00 | 0.00 | 0.00 | 3.969 |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Sep-23-25 YIELD-CLEAN LBS/PLOT 30 | Sep-23-25 YIELD LBS/A 31 |
|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | Sep-23-25 | Sep-23-25 |
| | Rating Type | | | | | YIELD-CLEAN | YIELD |
| | Rating Unit | | | | | LBS/PLOT | LBS/A |
| | Crop Name | | | | | Peanut | Peanut |
| | Pest Code | | | | | | |
| | TABLE OF R MEANS | | | | | | |
| | Replicate 1 | | | | | 21.8 | 6353 |
| | Replicate 2 | | | | | 21.1 | 6161 |
| | Replicate 3 | | | | | 23.3 | 6782 |
| | Replicate 4 | | | | | 20.1 | 5857 |
| | TABLE OF A (DRA) MEANS | | | | | | |
| 1 | NO DRA | | | | | 21.9 - | 6385 - |
| 2 | REIGN | | | 0.25 | % v/v | 21.8 - | 6357 - |
| 3 | CLASP | | | 0.25 | % v/v | 21.6 - | 6307 - |
| 4 | INTERLOCK | | | 0.208 | % v/v | 20.9 - | 6103 - |
| | LSD P=.10 | | | | | 1.79 | 521.4 |
| | Standard Deviation | | | | | 1.95 | 568.9 |
| | CV | | | | | 9.05 | 9.0 |
| | | | | | | | |
| | TABLE OF B (TREATMENT) MEANS | | | | | | |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 22.3 a | 6496 a |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | 20.9 b | 6080 b |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| | LSD P=.10 | | | | | 1.40 | 409.2 |
| | Standard Deviation | | | | | 1.69 | 491.8 |
| | CV | | | | | 7.82 | 7.8 |
| | | | | | | | |
| | TABLE OF A (DRA) B (TREATMENT) MEANS | | | | | | |
| 1 | NO DRA | | | | | 23.0 a | 6710 a |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Sep-23-25 YIELD-CLEAN LBS/PLOT Peanut 30 | Sep-23-25 YIELD LBS/A Peanut 31 |
|---|---|---|---|---|---|---|---|
| 2 | REIGN | | | 0.25 | % v/v | 22.6 a | 6589 a |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 3 | CLASP | | | 0.25 | % v/v | 21.3 bcd | 6203 bcd |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 22.2 ab | 6482 ab |
| 1 | PROWL H20 | 3.8 | SC | 32.0 | oz/a | | |
| 1 | VALOR EZ | 4 | SC | 3.0 | oz/a | | |
| 1 | STRONGARM | 84 | WG | 0.225 | oz/a | | |
| 1 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 1 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 1 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 1 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 1 | NO DRA | | | | | 20.8 d | 6061 d |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | REIGN | | | 0.25 | % v/v | 21.0 cd | 6125 cd |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Sep-23-25 YIELD-CLEAN LBS/PLOT Peanut 30 | Sep-23-25 YIELD LBS/A Peanut 31 |
|---|---|---|---|---|---|---|---|
| 3 | CLASP | | | 0.25 | % v/v | 22.0 abc | 6410 abc |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 4 | INTERLOCK | | | 0.208 | % v/v | 19.6 e | 5725 e |
| 2 | GRAMOXONE | 3 | SL | 8.0 | oz/a | | |
| 2 | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | | |
| 2 | BASAGRAN | 5 | SL | 6.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| 2 | CADRE | 2 | AS | 4.0 | oz/a | | |
| 2 | COBRA | 2 | EC | 12.5 | oz/a | | |
| 2 | BUTYRAC | 2 | SL | 16.0 | oz/a | | |
| 2 | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | |
| LSD P=.10 | | | | | | 1.11 | 323.5 |
| Standard Deviation | | | | | | 0.86 | 249.6 |
| CV | | | | | | 3.97 | 4.0 |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For May-15-25 Stunting % PEANUT (Data Column 1)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 1949.218750 | | | | |
| R | 3 | 39.843750 | 13.281250 | 2.096 | 0.1711 | |
| A | 3 | 14.843750 | 4.947917 | 0.781 | 0.5339 | 2.3 |
| RA | 9 | 57.031250 | 6.336806 | | | |
| B | 1 | 1725.781250 | 1725.781250 | 129.941 | 0.0014 | 3.0 |
| RB | 3 | 39.843750 | 13.281250 | | | |
| AB | 3 | 14.843750 | 4.947917 | 0.781 | 0.5339 | 3.3 |
| RAB | 9 | 57.031250 | 6.336806 | | | |

COMPLETE FACTORIAL AOV For May-15-25 Control % AMAPA (Data Column 2)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 78408.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 78408.000000 | 78408.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For May-15-25 Control % RAPRA (Data Column 3)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 78408.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 78408.000000 | 78408.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For May-15-25 Control % AGRASS (Data Column 4)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 78408.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 78408.000000 | 78408.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For May-27-25 Stunting % Peanut (Data Column 5)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 1074.218750 | | | | |
| R | 3 | 96.093750 | 32.031250 | 4.146 | 0.0421 | |
| A | 3 | 58.593750 | 19.531250 | 3.082 | 0.0829 | 2.3 |
| RA | 9 | 57.031250 | 6.336806 | | | |
| B | 1 | 750.781250 | 750.781250 | 67.047 | 0.0038 | 2.8 |
| RB | 3 | 33.593750 | 11.197917 | | | |
| AB | 3 | 8.593750 | 2.864583 | 0.371 | 0.7761 | 3.6 |
| RAB | 9 | 69.531250 | 7.725694 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For May-27-25 Necrosis % Peanut (Data Column 6)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 1411.718750 | | | | |
| R | 3 | 14.843750 | 4.947917 | 1.390 | 0.3076 | |
| A | 3 | 2.343750 | 0.781250 | 0.220 | 0.8804 | 1.7 |
| RA | 9 | 32.031250 | 3.559028 | | | |
| B | 1 | 1313.281250 | 1313.281250 | 265.421 | 0.0005 | 1.9 |
| RB | 3 | 14.843750 | 4.947917 | | | |
| AB | 3 | 2.343750 | 0.781250 | 0.220 | 0.8804 | 2.4 |
| RAB | 9 | 32.031250 | 3.559028 | | | |

COMPLETE FACTORIAL AOV For May-27-25 Control % AMAPA (Data Column 7)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 15.500000 | | | | |
| R | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | |
| A | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | 0.6 |
| RA | 9 | 4.500000 | 0.500000 | | | |
| B | 1 | 0.500000 | 0.500000 | 1.000 | 0.3910 | 0.6 |
| RB | 3 | 1.500000 | 0.500000 | | | |
| AB | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | 0.9 |
| RAB | 9 | 4.500000 | 0.500000 | | | |

COMPLETE FACTORIAL AOV For May-27-25 Control % AGRASS (Data Column 8)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 43.500000 | | | | |
| R | 3 | 13.500000 | 4.500000 | 9.000 | 0.0045 | |
| A | 3 | 5.500000 | 1.833333 | 1.000 | 0.4363 | 1.2 |
| RA | 9 | 16.500000 | 1.833333 | | | |
| B | 1 | 0.500000 | 0.500000 | 1.000 | 0.3910 | 0.6 |
| RB | 3 | 1.500000 | 0.500000 | | | |
| AB | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | 0.9 |
| RAB | 9 | 4.500000 | 0.500000 | | | |

COMPLETE FACTORIAL AOV For May-27-25 Control % MOLVE (Data Column 9)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jun-4-25 Control % AMAPA (Data Column 10)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 67.500000 | | | | |
| R | 3 | 9.500000 | 3.166667 | 1.000 | 0.4363 | |
| A | 3 | 5.500000 | 1.833333 | 1.320 | 0.3272 | 1.1 |
| RA | 9 | 12.500000 | 1.388889 | | | |
| B | 1 | 4.500000 | 4.500000 | 9.000 | 0.0577 | 0.6 |
| RB | 3 | 1.500000 | 0.500000 | | | |
| AB | 3 | 5.500000 | 1.833333 | 0.579 | 0.6434 | 2.3 |
| RAB | 9 | 28.500000 | 3.166667 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For Jun-4-25 Control % RAPRA (Data Column 11)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 87.500000 | | | | |
| R | 3 | 5.500000 | 1.833333 | 0.805 | 0.5221 | |
| A | 3 | 5.500000 | 1.833333 | 0.805 | 0.5221 | 1.4 |
| RA | 9 | 20.500000 | 2.277778 | | | |
| B | 1 | 24.500000 | 24.500000 | 13.364 | 0.0354 | 1.1 |
| RB | 3 | 5.500000 | 1.833333 | | | |
| AB | 3 | 5.500000 | 1.833333 | 0.805 | 0.5221 | 2.0 |
| RAB | 9 | 20.500000 | 2.277778 | | | |

COMPLETE FACTORIAL AOV For Jun-4-25 Control % AGRASS (Data Column 12)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 125.468750 | | | | |
| R | 3 | 20.593750 | 6.864583 | 2.836 | 0.0983 | |
| A | 3 | 11.593750 | 3.864583 | 0.946 | 0.4586 | 1.9 |
| RA | 9 | 36.781250 | 4.086806 | | | |
| B | 1 | 2.531250 | 2.531250 | 0.655 | 0.4776 | 1.6 |
| RB | 3 | 11.593750 | 3.864583 | | | |
| AB | 3 | 20.593750 | 6.864583 | 2.836 | 0.0983 | 2.0 |
| RAB | 9 | 21.781250 | 2.420139 | | | |

COMPLETE FACTORIAL AOV For Jun-4-25 Control % MOLVE (Data Column 13)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 7846.875000 | | | | |
| R | 3 | 759.375000 | 253.125000 | 1.000 | 0.4363 | |
| A | 3 | 759.375000 | 253.125000 | 1.000 | 0.4363 | 14.6 |
| RA | 9 | 2278.125000 | 253.125000 | | | |
| B | 1 | 253.125000 | 253.125000 | 1.000 | 0.3910 | 13.2 |
| RB | 3 | 759.375000 | 253.125000 | | | |
| AB | 3 | 759.375000 | 253.125000 | 1.000 | 0.4363 | 20.6 |
| RAB | 9 | 2278.125000 | 253.125000 | | | |

COMPLETE FACTORIAL AOV For Jun-17-25 Necrosis % Peanut (Data Column 14)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 199.218750 | | | | |
| R | 3 | 14.843750 | 4.947917 | 1.727 | 0.2307 | |
| A | 3 | 46.093750 | 15.364583 | 1.825 | 0.2128 | 2.7 |
| RA | 9 | 75.781250 | 8.420139 | | | |
| B | 1 | 0.781250 | 0.781250 | 0.086 | 0.7888 | 2.5 |
| RB | 3 | 27.343750 | 9.114583 | | | |
| AB | 3 | 8.593750 | 2.864583 | 1.000 | 0.4363 | 2.2 |
| RAB | 9 | 25.781250 | 2.864583 | | | |

COMPLETE FACTORIAL AOV For Jun-17-25 Control % AMAPA (Data Column 15)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For Jun-17-25 Control % RAPRA (Data Column 16)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jun-17-25 Control % AGRASS (Data Column 17)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 260.468750 | | | | |
| R | 3 | 49.593750 | 16.531250 | 2.741 | 0.1053 | |
| A | 3 | 18.093750 | 6.031250 | 1.000 | 0.4363 | 2.3 |
| RA | 9 | 54.281250 | 6.031250 | | | |
| B | 1 | 16.531250 | 16.531250 | 1.000 | 0.3910 | 3.4 |
| RB | 3 | 49.593750 | 16.531250 | | | |
| AB | 3 | 18.093750 | 6.031250 | 1.000 | 0.4363 | 3.2 |
| RAB | 9 | 54.281250 | 6.031250 | | | |

COMPLETE FACTORIAL AOV For Jun-17-25 Control % MOLVE (Data Column 18)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jun-25-25 Necrosis % Peanut (Data Column 19)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 105.468750 | | | | |
| R | 3 | 2.343750 | 0.781250 | 0.529 | 0.6732 | |
| A | 3 | 33.593750 | 11.197917 | 3.146 | 0.0794 | 1.7 |
| RA | 9 | 32.031250 | 3.559028 | | | |
| B | 1 | 0.781250 | 0.781250 | 0.273 | 0.6376 | 1.4 |
| RB | 3 | 8.593750 | 2.864583 | | | |
| AB | 3 | 14.843750 | 4.947917 | 3.353 | 0.0691 | 1.6 |
| RAB | 9 | 13.281250 | 1.475694 | | | |

COMPLETE FACTORIAL AOV For Jun-25-25 Control % AMAPA (Data Column 20)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 15.500000 | | | | |
| R | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | |
| A | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | 0.6 |
| RA | 9 | 4.500000 | 0.500000 | | | |
| B | 1 | 0.500000 | 0.500000 | 1.000 | 0.3910 | 0.6 |
| RB | 3 | 1.500000 | 0.500000 | | | |
| AB | 3 | 1.500000 | 0.500000 | 1.000 | 0.4363 | 0.9 |
| RAB | 9 | 4.500000 | 0.500000 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For Jun-25-25 Control % RAPRA (Data Column 21)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jun-25-25 Control % AGRASS (Data Column 22)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jun-25-25 Control % MOLVE (Data Column 23)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jul-10-25 Necrosis % Peanut (Data Column 24)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jul-10-25 Control % AMAPA (Data Column 25)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 67.500000 | | | | |
| R | 3 | 5.500000 | 1.833333 | 0.673 | 0.5896 | |
| A | 3 | 13.500000 | 4.500000 | 4.765 | 0.0296 | 0.9 |
| RA | 9 | 8.500000 | 0.944444 | | | |
| B | 1 | 4.500000 | 4.500000 | 2.455 | 0.2152 | 1.1 |
| RB | 3 | 5.500000 | 1.833333 | | | |
| AB | 3 | 5.500000 | 1.833333 | 0.673 | 0.5896 | 2.1 |
| RAB | 9 | 24.500000 | 2.722222 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For Jul-10-25 Control % RAPRA (Data Column 26)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jul-10-25 Control % AGRASS (Data Column 27)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 30.000000 | | | | |
| R | 3 | 6.000000 | 2.000000 | NaN | NaN | |
| A | 3 | 6.000000 | 2.000000 | 1.000 | 0.4363 | 1.3 |
| RA | 9 | 18.000000 | 2.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Jul-10-25 Control % MOLVE (Data Column 28)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 0.000000 | | | | |
| R | 3 | 0.000000 | 0.000000 | NaN | NaN | |
| A | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RA | 9 | 0.000000 | 0.000000 | | | |
| B | 1 | 0.000000 | 0.000000 | NaN | NaN | . |
| RB | 3 | 0.000000 | 0.000000 | | | |
| AB | 3 | 0.000000 | 0.000000 | NaN | NaN | . |
| RAB | 9 | 0.000000 | 0.000000 | | | |

COMPLETE FACTORIAL AOV For Sep-23-25 YIELD-DIRTY LBS/PLOT Peanut (Data Column 29)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 131.134688 | | | | |
| R | 3 | 44.130938 | 14.710313 | 19.256 | 0.0003 | |
| A | 3 | 4.773438 | 1.591146 | 0.401 | 0.7559 | 1.83 |
| RA | 9 | 35.725313 | 3.969479 | | | |
| B | 1 | 16.965313 | 16.965313 | 5.718 | 0.0966 | 1.43 |
| RB | 3 | 8.900938 | 2.966979 | | | |
| AB | 3 | 13.763438 | 4.587813 | 6.006 | 0.0157 | 1.13 |
| RAB | 9 | 6.875312 | 0.763924 | | | |

COMPLETE FACTORIAL AOV For Sep-23-25 YIELD-CLEAN LBS/PLOT Peanut (Data Column 30)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 125.941754 | | | | |
| R | 3 | 42.383352 | 14.127784 | 19.256 | 0.0003 | |
| A | 3 | 4.584409 | 1.528136 | 0.401 | 0.7559 | 1.8 |
| RA | 9 | 34.310590 | 3.812288 | | | |
| B | 1 | 16.293486 | 16.293486 | 5.718 | 0.0966 | 1.4 |
| RB | 3 | 8.548460 | 2.849487 | | | |
| AB | 3 | 13.218405 | 4.406135 | 6.006 | 0.0157 | 1.1 |
| RAB | 9 | 6.603050 | 0.733672 | | | |

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

COMPLETE FACTORIAL AOV For Sep-23-25 YIELD LBS/A Peanut (Data Column 31)

| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | LSD (.10) |
|---|---|---|---|---|---|---|
| Total | 31 | 10691864.416503 | | | | |
| R | 3 | 3598147.899069 | 1199382.633023 | 19.256 | 0.0003 | |
| A | 3 | 389194.861586 | 129731.620529 | 0.401 | 0.7559 | 521 |
| RA | 9 | 2912808.233803 | 323645.359311 | | | |
| B | 1 | 1383240.578765 | 1383240.578765 | 5.718 | 0.0966 | 409 |
| RB | 3 | 725724.205731 | 241908.068577 | | | |
| AB | 3 | 1122180.640839 | 374060.213613 | 6.006 | 0.0157 | 323 |
| RAB | 9 | 560567.996710 | 62285.332968 | | | |

Rating Type
YIELD = yield
Rating Unit
%, 0, 100, = percent
Pest Code
AMAPA, Amaranthus palmeri, Palmer amaranth = US
RAPRA, Raphanus raphanistrum, Wild radish = US
MOLVE, Mollugo verticillata, carpetweed = US
ARM Action Codes
T1 = [29]*0.98
TY2 = 291.368*[30]

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.
Mean separation letters are 'na' (not applicable) when error variance is 0

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | May-15-25 Stunting % PEANUT 1 | May-15-25 Control % AMAPA 2 | May-15-25 Control % RAPRA 3 | May-15-25 Control % AGRASS 4 | May-27-25 Stunting % Peanut 5 | May-27-25 Necrosis % Peanut 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO DRA | | | | | 101 | 15.0 | 99.0 | 99.0 | 99.0 | 0.0 | 0.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 202 | 10.0 | 99.0 | 99.0 | 99.0 | 10.0 | 0.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 307 | 15.0 | 99.0 | 99.0 | 99.0 | 0.0 | 0.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 404 | 20.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 15.0 | 99.0 | 99.0 | 99.0 | 3.8 | 0.0 |
| 2 | NO DRA | | | | | 102 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 10.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 206 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 309 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 408 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 13.8 |
| 3 | REIGN | | | 0.25 | % v/v | 103 | 20.0 | 99.0 | 99.0 | 99.0 | 10.0 | 0.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 205 | 10.0 | 99.0 | 99.0 | 99.0 | 10.0 | 0.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 304 | 20.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 401 | 15.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 16.3 | 99.0 | 99.0 | 99.0 | 7.5 | 0.0 |
| 4 | REIGN | | | 0.25 | % v/v | 104 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 10.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 207 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 | 15.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 301 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 | 10.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 403 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 17.5 | 12.5 |
| 5 | CLASP | | | 0.25 | % v/v | 105 | 10.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 208 | 15.0 | 99.0 | 99.0 | 99.0 | 10.0 | 0.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 305 | 15.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 406 | 10.0 | 99.0 | 99.0 | 99.0 | 0.0 | 0.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 12.5 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | May-15-25 Stunting % PEANUT 1 | May-15-25 Control % AMAPA 2 | May-15-25 Control % RAPRA 3 | May-15-25 Control % AGRASS 4 | May-27-25 Stunting % Peanut 5 | May-27-25 Necrosis % Peanut 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | CLASP | | | 0.25 | % v/v | 106 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 201 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 10.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 306 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 10.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 402 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 13.8 | 12.5 |
| 7 | INTERLOCK | | | 0.208 | % v/v | 107 | 15.0 | 99.0 | 99.0 | 99.0 | 0.0 | 0.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 203 | 10.0 | 99.0 | 99.0 | 99.0 | 10.0 | 0.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 308 | 20.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 409 | 15.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 15.0 | 99.0 | 99.0 | 99.0 | 5.0 | 0.0 |
| 8 | INTERLOCK | | | 0.208 | % v/v | 108 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 15.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 209 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 10.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 302 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 10.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 405 | 0.0 | 0.0 | 0.0 | 0.0 | 15.0 | 15.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 13.8 | 12.5 |
| 9 | NO HERBICIDE/DRA | | | | | 109 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 204 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 303 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | May-27-25 Control % AMAPA 7 | May-27-25 Control % AGRASS 8 | May-27-25 Control % MOLVE 9 | Jun-4-25 Control % AMAPA 10 | Jun-4-25 Control % RAPRA 11 | Jun-4-25 Control % AGRASS 12 | Jun-4-25 Control % MOLVE 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO DRA | | | | | 101 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 202 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 307 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 404 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 2 | NO DRA | | | | | 102 | 99.0 | 99.0 | 99.0 | 95.0 | 95.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 206 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 309 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 408 | 99.0 | 99.0 | 99.0 | 95.0 | 95.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 97.0 | 97.0 | 98.0 | 99.0 |
| 3 | REIGN | | | 0.25 | % v/v | 103 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 205 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 304 | 99.0 | 95.0 | 99.0 | 99.0 | 99.0 | 90.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 401 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 98.0 | 99.0 | 99.0 | 99.0 | 95.8 | 99.0 |
| 4 | REIGN | | | 0.25 | % v/v | 104 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 207 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 301 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 403 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 98.0 | 99.0 | 99.0 |
| 5 | CLASP | | | 0.25 | % v/v | 105 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 208 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 305 | 99.0 | 95.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 406 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 98.0 | 99.0 | 98.0 | 99.0 | 98.0 | 99.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | May-27-25 Control % AMAPA 7 | May-27-25 Control % AGRASS 8 | May-27-25 Control % MOLVE 9 | Jun-4-25 Control % AMAPA 10 | Jun-4-25 Control % RAPRA 11 | Jun-4-25 Control % AGRASS 12 | Jun-4-25 Control % MOLVE 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | CLASP | | | 0.25 | % v/v | 106 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 201 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 306 | 95.0 | 95.0 | 99.0 | 95.0 | 95.0 | 95.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 402 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 98.0 | 98.0 | 99.0 | 98.0 | 96.0 | 98.0 | 99.0 |
| 7 | INTERLOCK | | | 0.208 | % v/v | 107 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 203 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 308 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 409 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 8 | INTERLOCK | | | 0.208 | % v/v | 108 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 209 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 302 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 405 | 99.0 | 99.0 | 99.0 | 95.0 | 95.0 | 99.0 | 9.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 98.0 | 98.0 | 99.0 | 76.5 |
| 9 | NO HERBICIDE/DRA | | | | | 109 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 204 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 303 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jun-17-25 Necrosis % Peanut 14 | Jun-17-25 Control % AMAPA 15 | Jun-17-25 Control % RAPRA 16 | Jun-17-25 Control % AGRASS 17 | Jun-17-25 Control % MOLVE 18 | Jun-25-25 Necrosis % Peanut 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO DRA | | | | | 101 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 202 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 307 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 404 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 17.5 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| 2 | NO DRA | | | | | 102 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 206 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 309 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 408 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 18.8 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| 3 | REIGN | | | 0.25 | % v/v | 103 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 10.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 205 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 10.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 304 | 20.0 | 99.0 | 99.0 | 85.0 | 99.0 | 5.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 401 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 10.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 16.3 | 99.0 | 99.0 | 95.5 | 99.0 | 8.8 |
| 4 | REIGN | | | 0.25 | % v/v | 104 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 207 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 10.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 301 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 403 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 17.5 | 99.0 | 99.0 | 99.0 | 99.0 | 6.3 |
| 5 | CLASP | | | 0.25 | % v/v | 105 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 208 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 305 | 15.0 | 99.0 | 99.0 | 90.0 | 99.0 | 5.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 406 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 16.3 | 99.0 | 99.0 | 96.8 | 99.0 | 5.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jun-17-25 Necrosis % Peanut 14 | Jun-17-25 Control % AMAPA 15 | Jun-17-25 Control % RAPRA 16 | Jun-17-25 Control % AGRASS 17 | Jun-17-25 Control % MOLVE 18 | Jun-25-25 Necrosis % Peanut 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | CLASP | | | 0.25 | % v/v | 106 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 201 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 306 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 10.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 402 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 16.3 | 99.0 | 99.0 | 99.0 | 99.0 | 6.3 |
| 7 | INTERLOCK | | | 0.208 | % v/v | 107 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 203 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 308 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 409 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| 8 | INTERLOCK | | | 0.208 | % v/v | 108 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 209 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 302 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 405 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | |
| | | | | | | Mean = | 18.8 | 99.0 | 99.0 | 99.0 | 99.0 | 5.0 |
| 9 | NO HERBICIDE/DRA | | | | | 109 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 204 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 303 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jun-25-25 Control % AMAPA | Jun-25-25 Control % RAPRA | Jun-25-25 Control % AGRASS | Jun-25-25 Control % MOLVE | Jul-10-25 Necrosis % Peanut | Jul-10-25 Control % AMAPA | Jul-10-25 Control % RAPRA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Date | | | | | | Jun-25-25 | Jun-25-25 | Jun-25-25 | Jun-25-25 | Jul-10-25 | Jul-10-25 | Jul-10-25 |
| | Rating Type | | | | | | Control | Control | Control | Control | Necrosis | Control | Control |
| | Rating Unit | | | | | | % | % | % | % | % | % | % |
| | Crop Name | | | | | | | | | | Peanut | | |
| | Pest Code | | | | | | AMAPA | RAPRA | AGRASS | MOLVE | | AMAPA | RAPRA |
| | | | | | | | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1 | NO DRA | | | | | 101 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 202 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 95.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 307 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 95.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 404 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 97.0 | 99.0 |
| 2 | NO DRA | | | | | 102 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 206 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 309 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 408 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 95.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 98.0 | 99.0 |
| 3 | REIGN | | | 0.25 | % v/v | 103 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 205 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 304 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 95.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 401 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 95.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 97.0 | 99.0 |
| 4 | REIGN | | | 0.25 | % v/v | 104 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 207 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 301 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 403 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| 5 | CLASP | | | 0.25 | % v/v | 105 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 208 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 305 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 406 | 95.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | Mean = | | 98.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jun-25-25 Control % AMAPA 20 | Jun-25-25 Control % RAPRA 21 | Jun-25-25 Control % AGRASS 22 | Jun-25-25 Control % MOLVE 23 | Jul-10-25 Necrosis % Peanut 24 | Jul-10-25 Control % AMAPA 25 | Jul-10-25 Control % RAPRA 26 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | CLASP | | | 0.25 | % v/v | 106 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 201 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 306 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 402 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| 7 | INTERLOCK | | | 0.208 | % v/v | 107 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 203 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 308 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 409 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| 8 | INTERLOCK | | | 0.208 | % v/v | 108 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 209 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 302 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 405 | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 0.0 | 99.0 | 99.0 |
| 9 | NO HERBICIDE/DRA | | | | | 109 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 204 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 303 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 407 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jul-10-25 Control % AGRASS 27 | Jul-10-25 Control % MOLVE 28 | Sep-23-25 YIELD-DIRTY LBS/PLOT Peanut 29 | Sep-23-25 YIELD-CLEAN LBS/PLOT Peanut 30 | Sep-23-25 YIELD LBS/A Peanut 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NO DRA | | | | | 101 | 95.0 | 99.0 | 24.90 | 24.4 | 7110 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 202 | 99.0 | 99.0 | 22.70 | 22.2 | 6482 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 307 | 99.0 | 99.0 | 26.50 | 26.0 | 7567 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 404 | 99.0 | 99.0 | 19.90 | 19.5 | 5682 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | Mean = | | 98.0 | 99.0 | 23.50 | 23.0 | 6710 |
| 2 | NO DRA | | | | | 102 | 95.0 | 99.0 | 21.20 | 20.8 | 6053 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 206 | 99.0 | 99.0 | 23.10 | 22.6 | 6596 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 309 | 99.0 | 99.0 | 22.60 | 22.1 | 6453 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 408 | 99.0 | 99.0 | 18.00 | 17.6 | 5140 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | Mean = | | 98.0 | 99.0 | 21.23 | 20.8 | 6061 |
| 3 | REIGN | | | 0.25 | % v/v | 103 | 99.0 | 99.0 | 22.60 | 22.1 | 6453 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 205 | 99.0 | 99.0 | 20.80 | 20.4 | 5939 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 304 | 99.0 | 99.0 | 24.40 | 23.9 | 6967 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 401 | 99.0 | 99.0 | 24.50 | 24.0 | 6996 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 23.08 | 22.6 | 6589 |
| 4 | REIGN | | | 0.25 | % v/v | 104 | 99.0 | 99.0 | 21.00 | 20.6 | 5996 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 207 | 99.0 | 99.0 | 21.30 | 20.9 | 6082 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 301 | 99.0 | 99.0 | 21.60 | 21.2 | 6168 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 403 | 99.0 | 99.0 | 21.90 | 21.5 | 6253 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 21.45 | 21.0 | 6125 |
| 5 | CLASP | | | 0.25 | % v/v | 105 | 99.0 | 99.0 | 21.90 | 21.5 | 6253 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 208 | 99.0 | 99.0 | 20.70 | 20.3 | 5911 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 305 | 99.0 | 99.0 | 24.30 | 23.8 | 6939 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 406 | 99.0 | 99.0 | 20.00 | 19.6 | 5711 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | Mean = | | 99.0 | 99.0 | 21.73 | 21.3 | 6203 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Plot | Jul-10-25 Control % AGRASS 27 | Jul-10-25 Control % MOLVE 28 | Sep-23-25 YIELD-DIRTY LBS/PLOT Peanut 29 | Sep-23-25 YIELD-CLEAN LBS/PLOT Peanut 30 | Sep-23-25 YIELD LBS/A Peanut 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | CLASP | | | 0.25 | % v/v | 106 | 99.0 | 99.0 | 21.30 | 20.9 | 6082 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 201 | 99.0 | 99.0 | 23.70 | 23.2 | 6767 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 306 | 99.0 | 99.0 | 25.50 | 25.0 | 7281 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 402 | 99.0 | 99.0 | 19.30 | 18.9 | 5511 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 22.45 | 22.0 | 6410 |
| 7 | INTERLOCK | | | 0.208 | % v/v | 107 | 99.0 | 99.0 | 24.30 | 23.8 | 6939 |
| | PROWL H20 | 3.8 | SC | 32.0 | oz/a | 203 | 99.0 | 99.0 | 21.50 | 21.1 | 6139 |
| | VALOR EZ | 4 | SC | 3.0 | oz/a | 308 | 99.0 | 99.0 | 24.20 | 23.7 | 6910 |
| | STRONGARM | 84 | WG | 0.225 | oz/a | 409 | 99.0 | 99.0 | 20.80 | 20.4 | 5939 |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 22.70 | 22.2 | 6482 |
| 8 | INTERLOCK | | | 0.208 | % v/v | 108 | 99.0 | 99.0 | 20.80 | 20.4 | 5939 |
| | GRAMOXONE | 3 | SL | 8.0 | oz/a | 209 | 99.0 | 99.0 | 18.80 | 18.4 | 5368 |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | 302 | 99.0 | 99.0 | 20.90 | 20.5 | 5968 |
| | BASAGRAN | 5 | SL | 6.0 | oz/a | 405 | 99.0 | 99.0 | 19.70 | 19.3 | 5625 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | CADRE | 2 | AS | 4.0 | oz/a | | | | | | |
| | COBRA | 2 | EC | 12.5 | oz/a | | | | | | |
| | BUTYRAC | 2 | SL | 16.0 | oz/a | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 | oz/a | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 20.05 | 19.6 | 5725 |
| 9 | NO HERBICIDE/DRA | | | | | 109 | 0.0 | 0.0 | 0.00 | 0.0 | 0 |
| | | | | | | 204 | 0.0 | 0.0 | 0.00 | 0.0 | 0 |
| | | | | | | 303 | 0.0 | 0.0 | 0.00 | 0.0 | 0 |
| | | | | | | 407 | 0.0 | 0.0 | 0.00 | 0.0 | 0 |
| | | | | | | Mean = | 0.0 | 0.0 | 0.00 | 0.0 | 0 |

# University of Georgia

**DRA EFFECTS ON PEANUT WEED CONTROL**

Title No. 2:
Trial ID: PE-03-25 Official Trial ID: Cooperator Trial ID:
Protocol ID: Location: Trial Year: 2024
Project ID: Project ID 2: Project ID 3:
Study Director: Sponsor Contact: Conducted Under GEP: No
Investigator: ERIC P. PROSTKO Trial Origin: Restricted:

Rating Type
YIELD = yield
Rating Unit
%, 0, 100, = percent
Pest Code
AMAPA, Amaranthus palmeri, Palmer amaranth = US
RAPRA, Raphanus raphanistrum, Wild radish = US
MOLVE, Mollugo verticillata, carpetweed = US
ARM Action Codes
T1 = [29]*0.98
TY2 = 291.368*[30]