

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet

| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate | Grow Unit | Appl Stg | Appl Code | Amt Product to Measure | Diluent | Rep 1 | Rep 2 | Rep 3 |
|---------|----------------|-----------|------------|--------------|--------------|-----------|----------|------------|------------------------|-----------|-------|-------|-------|
| 1 | NTC | | | | | | | | | - | 101 | 209 | 310 |
| 2 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 102 | 213 | 311 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | 1474.4 mL | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | 1478.3 mL | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | 2.344 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | |
| 3 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 103 | 211 | 306 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | 1474.4 mL | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | 1477.9 mL | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | LPOST | D | | 2.734 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | |
| 4 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 104 | 205 | 302 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | 1474.4 mL | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | 1477.5 mL | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | |
| 5 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 105 | 204 | 312 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | 1474.4 mL | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | 1468.1 mL | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 106 | 212 | 301 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | 1472.0 mL | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | 2.344 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | 1479.1 mL | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | 1.562 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | | |

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ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet

| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate | Grow Unit | Appl Stg | Appl Code | Amt Product to Measure | Diluent | Rep 1 | Rep 2 | Rep 3 |
|---------|----------------|-----------|------------|--------------|--------------|-----------|----------|------------|------------------------|-----------|-------|-------|-------|
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 107 | 202 | 313 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | 2.344 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | 2.344 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | | |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 108 | 206 | 303 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | 9.375 mL/mx | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | 3.125 mL/mx | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | 12.5 mL/mx | | | | |
| INDUCE | | | 0.25 % v/v | | LPOST | D | | 3.75 mL/mx | | | | | |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 109 | 210 | 307 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | 2.344 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | 3.75 mL/mx | | | | |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 110 | 208 | 314 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | 2.734 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | 3.75 mL/mx | | | | |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 111 | 214 | 308 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | 3.75 mL/mx | | | | |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1472.7 mL | 112 | 201 | 305 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | 3.75 mL/mx | | | | |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | 25.0 mL/mx | 1460.2 mL | 113 | 207 | 304 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | 2.344 mL/mx | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | | 12.5 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | 3.125 mL/mx | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | 2.344 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | 3.75 mL/mx | | | | |

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 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet

| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate | Grow Unit | Stg | Appl Code | Amt Product to Measure | Diluent | Rep 1 | Rep 2 | Rep 3 |
|---------|----------------|-----------|-----------|--------------|--------------|-----------|-----|-----------|------------------------|-----------|-------|-------|-------|
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | 32.0 oz/a | PRE | A | A | 25.0 mL/mx | 1472.7 mL | 114 | 203 | 309 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | 3.0 oz/a | PRE | A | A | 2.344 mL/mx | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | 12.0 oz/a | EPOST | B | B | 9.375 mL/mx | | | | |
| | STORM | 4 | SL | 16.0 oz/a | 16.0 oz/a | EPOST | B | B | 12.5 mL/mx | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | 16.0 oz/a | EPOST | B | B | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | 0.25 % v/v | EPOST | B | B | 3.75 mL/mx | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | 4.0 oz/a | LPOST | D | D | 3.125 mL/mx | 1478.3 mL | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | 3.0 oz/a | LPOST | D | D | 2.344 mL/mx | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | 16.0 oz/a | LPOST | D | D | 12.5 mL/mx | | | | |
| | INDUCE | | | 0.25 % v/v | 0.25 % v/v | LPOST | D | D | 3.75 mL/mx | | | | |

Sort Order: Treatment

Trial Comments

ANTHEM FLEX = PYROXASULFONE (3.733 LBS/GAL) + CARFENTRAZONE (0.267 LBS/GAL)

DIGGING DATE: 09/23/21
 HARVEST DATE: 09/29/21
 HARVEST MOISTURE: 9.7%
 YIELDS ADJUSTED TO 10%.
 2% DEDUCTION FOR FM

SUMMARY:

1) PRE APPLICATIONS OF PROWL + VALOR CAUSED SIGNIFICANTLY EARLY SEASON PEANUT INJURY BUT PROVIDED EXCELLENT CONTROL (>90%) OF PALMER AMARANTH, WILD RADISH, ANNUAL GRASSES, AND CARPETWEED.

2) EPOST APPLICATIONS OF GRAMOXONE STORM + ANTHEM FLEX OR DUAL MAGNUM CAUSED SIGNIFICANT PEANUT LEAF NECROSIS (30-40%).

3) GENERALLY, NO MAJOR DIFFERENCES IN WEED CONTROL WERE OBSERVED BETWEEN ANY TREATMENT AFTER ALL APPLICATIONS WERE MADE.

4) ALL HERBICIDE TREATMENTS RESULTED IN GREATER PEANUT YIELDS THAN THE NTC. THERE WERE SOME DIFFERENCES IN PEANUT YIELD BETWEEN HERBICIDE TREATMENTS.

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ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BLAIR COLVIN **Title:** _____
Affiliation: _____
Postal Code: _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____
Postal Code: _____

TRIAL LOCATION

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

COOPERATOR/LANDOWNER

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

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

| Weed | Code | Common Name | Scientific Name |
|------|-------|-------------|-----------------|
| 1. | AMAPA | PA | LMER AMARANTH |
| 2. | PANTE | TX | PANICUM |
| 3. | CASOB | SI | CKLEPOD |
| 4. | IPOLA | PI | TTED MG |
| 5. | CYPES | YE | LLOW NUTSEDEGE |
| 6. | JAQTA | SM | ALLFLOWER MG |
| 7. | RAPRA | WI | LD RADISH |

Crop 1: ARAHY PEANUT **Variety:** GA-16HO
Planting Date: May-10-21 **Planting Method:** MONSOEM TWIN ROW
Rate: 3.1 SEED/FT **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: _____ **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL

Trial Initiation Comments: _____

| | Previous Crops | Previous Pesticides | Year |
|----|----------------|---------------------|------|
| 1. | FALLOW | | 2020 |

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 5-15-30 PREPLANT
 RANCONA VPD SEED TRT

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | |
|---|------|-------------------------------|-----------|-----------|-----------|------|-----------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | |
| 36"-9" TWIN ROW PACING THIMET INFR @ 5.25 LBS/A 1000 LBS/A GYPSUM | | | | | | | |
| No. | Date | Maintenance Treatment Name | Form Conc | Form Unit | Form Type | Rate | Rate Unit |
| 1. | | | | | | | |

| SOIL DESCRIPTION | | | | | | | |
|---|------------|--------------|--------|------|--------------------------|----------|------|
| % Sand: 94 | % OM: 0.64 | Texture: | SAND | | | | |
| % Silt: 4 | pH: 6.0 | Soil Name: | DOTHAN | | | | |
| % Clay: 2 | CEC: 2.8 | Fert. Level: | _____ | | | | |
| ADDITIONAL MEASURED ELEMENTS | | | | | | | |
| Element | Quantity | Unit | | | | | |
| | | | | | | | |
| MOISTURE CONDITIONS | | | | | | | |
| | Date | Time | Amount | Unit | Type | Interval | Unit |
| 1. | May-11-21 | | 0.5 | IN | SPRINKLER - LATERAL MOVE | | |
| 2. | May-11-21 | | 0.15 | IN | RAINFALL | | |
| 3. | May-12-21 | | 0.6 | IN | RAINFALL | | |
| 4. | May-17-21 | | 0.5 | IN | SPRINKLER - LATERAL MOVE | | |
| 5. | May-24-21 | | 0.5 | IN | SPRINKLER - LATERAL MOVE | | |
| 6. | Jun-1-21 | | 0.5 | IN | SPRINKLER - LATERAL MOVE | 12 | HR |
| 7. | Jun-4-21 | | 0.6 | IN | RAINFALL | | |
| 8. | Jun-6-21 | | 0.4 | IN | RAINFALL | | |
| 9. | Jun-7-20 | | 1.25 | IN | RAINFALL | | |
| 10. | Jun-8-21 | | 0.15 | IN | RAINFALL | | |
| 11. | Jun-11-21 | | 0.3 | IN | RAINFALL | | |
| 12. | Jun-15-21 | | 1.0 | IN | SPRINKLER - LATERAL MOVE | | |
| 13. | Jun-18-21 | | 0.5 | IN | SPRINKLER - LATERAL MOVE | | |
| 14. | Jun-20-21 | | 1.0 | IN | RAINFALL | | |
| 15. | Jun-21-21 | | 2.4 | IN | RAINFALL | | |
| Overall Moisture Conditions: _____ | | | | | | | |
| Closest Weather Station: _____ Distance: _____ Unit: _____ | | | | | | | |

| APPLICATION DESCRIPTION | | | | |
|-----------------------------|-----------|-----------|-----------|-----------|
| | A | B | C | D |
| Application Date: | May-11-21 | Jun-1-21 | Jun-7-21 | Jun-14-21 |
| Time of Day: | 7:45 AM | 6:45 AM | 7:20 AM | 7:00 AM |
| Application Method: | BROADCAST | BROADCAST | BROADCAST | BROADCAST |
| Application Timing: | PRE | EPOST | EPOST | POST |
| Applic. Placement: | SOIL | FOLIAGE | FOLIAGE | FOLIAGE |
| Air Temp., Unit: | 69 F | 61 F | 72 F | 70 F |
| % Relative Humidity: | 94 | 90 | 94 | 95 |
| Wind Velocity, Unit: | 1 MPH | 0 MPH | 3 MPH | 0 MPH |
| Dew Presence (Y/N): | N | Y | Y | Y |
| Water Hardness: | -- | -- | -- | -- |
| Soil Temp., Unit: | 70 F | 72 F | 74 F | 76 F |
| Soil Moisture: | OPTIMUM | OPTIMUM | WET | OPTIMUM |
| % Cloud Cover: | 75 | 5 | 90 | 0 |

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| CROP STAGE AT EACH APPLICATION | | | | |
|--------------------------------|--------|---------|--------|--------|
| | A | B | C | D |
| Crop 1 Code, Stage: | ARAHY, | ARAHY, | ARAHY, | ARAHY, |
| Stage Scale: | | V6-7 | R1 | R1-R2 |
| Height, Unit: | , | 1.5, IN | 3, IN | 4, IN |

| WEED STAGE AT EACH APPLICATION | | | | |
|--------------------------------|--------|-----------|-----------|--------|
| | A | B | C | D |
| Weed 1 Code, Stage: | AMAPA, | AMAPA, | AMAPA, | AMAPA, |
| Stage Scale: | | 5"; 6 LF | 9" | -- |
| Density, Unit: | | | | |
| Weed 2 Code, Stage: | PANTE, | PANTE, | PANTE, | PANTE, |
| Stage Scale: | | 1-2";3-4T | 2-5";3 TL | 2" |
| Density, Unit: | | | | |
| Weed 3 Code, Stage: | CASOB, | CASOB, | CASOB, | CASOB, |
| Stage Scale: | | 2";3 LF | 1-2";2-6L | 2-3" |
| Density, Unit: | | | | |
| Weed 4 Code, Stage: | IPOLA, | IPOLA, | IPOLA, | IPOLA, |
| Stage Scale: | | 1-2";1 LF | 2':2 LF | 3-4" |
| Density, Unit: | | | | |
| Weed 5 Code, Stage: | CYPES, | CYPES, | CYPES, | CYPES, |
| Stage Scale: | | 6-7";10 L | 4-6";6 LF | 10" |
| Density, Unit: | | | | |
| Weed 6 Code, Stage: | JAQTA, | JAQTA, | JAQTA, | JAQTA, |
| Stage Scale: | | 1-2" | 1-2" | 3" |
| Density, Unit: | | | | |
| Weed 7 Code, Stage: | RAPRA, | RAPRA, | RAPRA, | RAPRA, |
| Stage Scale: | | 2-3";5-6L | 5"9 LF | -- |
| Density, Unit: | | | | |

| APPLICATION EQUIPMENT | | | | |
|------------------------------|----------|----------|------|------|
| | A | B | C | D |
| Appl. Equipment: | BACKPACK | BACKPACK | SAME | SAME |
| Operating Pressure: | 37 | 37 | | |
| Nozzle Type: | AIXR | AIXR | | |
| Nozzle Size: | 11002 | 11002 | | |
| Nozzle Spacing, Unit: | 20 IN | 20 IN | | |
| Nozzles/Row: | | | | |
| Band Width, Unit: | | | | |
| Boom Length, Unit: | 60 IN | 60 IN | | |
| Boom Height, Unit: | 20 IN | 20 IN | | |
| Ground Speed, Unit: | 3.5 MPH | 3.5 MPH | | |
| Incorporation Equip.: | | | | |
| Hours to Incorp.: | | | | |
| Incorp. Depth, Unit: | | | | |
| Carrier: | WATER | WATER | | |
| Spray Volume, Unit: | 15 GPA | 15 GPA | | |
| Spray pH: | | | | |
| Propellant: | CO2 | CO2 | | |
| Tank Mix (Y/N): | | | | |

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

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|-------------------|----------|-----------|---------|--------|----------|----------|--------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 1 | 2 | 3 | 4 | 5 |
| 1 | NTC | | | | | | | 0.0 d | 0.0 c | 0.0 d | 0.0 d | 0.0 b |
| 2 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 10.0 ab | 99.0 a | 99.0 a | 90.0 c | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 3 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | | | | |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 4 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 8.3 abc | 97.7 b | 96.3 abc | 91.7 bc | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 5 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | | | | | |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 8.3 abc | 99.0 a | 94.7 bc | 95.0 abc | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |

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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

| | | | | | | | ----- Arahy | Amapa ----- | Rapra ----- | Agrass ----- | Molve ----- | |
|---------|----------------|-----------|-----------|--------------|-------------------|----------|----------------|----------------|----------------|-----------------|----------------|--------|
| | | | | | | | Stunt % | Control % | Control % | Control % | Control % | |
| | | | | | | | May-24-21 | May-24-21 | May-24-21 | May-24-21 | May-24-21 | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 1 | 2 | 3 | 4 | 5 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 5.0 c | 99.0 a | 97.7 ab | 96.3 ab | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 8.3 abc | 99.0 a | 93.3 c | 94.7 abc | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 6.7 bc | 99.0 a | 97.7 ab | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 6.7 bc | 99.0 a | 97.7 ab | 97.7 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 8.3 abc | 99.0 a | 96.3 abc | 97.7 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 6.7 bc | 99.0 a | 96.3 abc | 97.7 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 11.7 a | 99.0 a | 99.0 a | 97.7 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | |
|--|----------------|-----------|----------------|----------------|-------------------|-----------------|----------------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | |
| Weed Code | | | ----- Arahy | Amapa ----- | Rapra ----- | Agrass ----- | Molve ----- |
| Crop Code | | | Stunt % | Control % | Control % | Control % | Control % |
| Part Rated | | | May-24-21 | May-24-21 | May-24-21 | May-24-21 | May-24-21 |
| Rating Data Type | | | 1 | 2 | 3 | 4 | 5 |
| Rating Unit | | | | | | | |
| Rating Date | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B |
| | INDUCE | | | 0.25 % v/v | | EPOST | B |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D |
| | INDUCE | | | 0.25 % v/v | | LPOST | D |
| LSD P=.10 | | | | 4.20 | 0.86 | 4.11 | 5.22 |
| Standard Deviation | | | | 3.02 | 0.62 | 2.95 | 3.75 |
| CV | | | | 40.25 | 0.67 | 3.29 | 4.25 |
| Grand Mean | | | | 7.50 | 91.83 | 89.83 | 88.21 |
| Bartlett's X2^ | | | | 7.112 | 52.232 | 23.983 | 24.542 |
| P(Bartlett's X2) | | | | 0.896 | 0.00* | 0.031* | 0.026* |

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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | ----- Arahy Leaf, - Necrosis % Jun-7-21 | ----- Arahy Necrosis % Jun-7-21 | ----- Amapa Control % Jun-7-21 | ----- Rapra Control % Jun-7-21 | ----- Agrass Control % Jun-7-21 | ----- Molve Control % Jun-7-21 | | |
|-----------|----------------|------------|------------------|--------------|-------------------|--|---|--|--|---|--|---------|--------|
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 6 | 7 | 8 | 9 | 10 | 11 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 38.3 a | 18.3 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 35.0 ab | 16.7 ab | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 0.0 c | 0.0 c | 99.0 a | 86.3 c | 94.3 ab | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 0.0 c | 0.0 c | 97.7 b | 88.3 c | 96.0 ab | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 0.0 c | 0.0 c | 96.3 c | 93.0 abc | 94.7 ab | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 0.0 c | 0.0 c | 99.0 a | 91.3 bc | 93.0 ab | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 0.0 c | 0.0 c | 99.0 a | 93.0 abc | 91.0 b | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|--------------------|------------|------------------|--------------|-------------------|-------------|-----------|--|---|--|--|---|--|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | Rating Date | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | | ----- Arahy Leaf, - Necrosis % Jun-7-21 | ----- Arahy Necrosis % Jun-7-21 | ----- Amapa Control % Jun-7-21 | ----- Rapra Control % Jun-7-21 | ----- Agrass Control % Jun-7-21 | ----- Molve Control % Jun-7-21 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 36.7 ab | 16.7 ab | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | LSD P=.10 | | | | | | | 5.58 | 2.55 | 1.19 | 7.57 | 7.02 | . |
| | Standard Deviation | | | | | | | 4.01 | 1.83 | 0.86 | 5.43 | 5.04 | 0.00 |
| | CV | | | | | | | 20.04 | 18.73 | 0.93 | 6.13 | 5.59 | 0.0 |
| | Grand Mean | | | | | | | 20.00 | 9.76 | 91.64 | 88.64 | 90.07 | 91.93 |
| | Bartlett's X2^ | | | | | | | 20.498 | 7.266 | 36.94 | 74.102 | 33.294 | . |
| | P(Bartlett's X2) | | | | | | | 0.083 | 0.888 | 0.00* | 0.00* | 0.002* | . |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | |
|--|----------------|-----------|-----------|--------------|--------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|--------|--------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | | |
| Weed Code | | | | | | | laqta | ----- | Amapa | Rapra | Agrass | Amapa | | |
| Crop Code | | | | | | | ----- | Arahy | ----- | ----- | ----- | ----- | | |
| Part Rated | | | | | | | Control | Necrosis | Control | Control | Control | Control | | |
| Rating Data Type | | | | | | | % | % | % | % | % | % | | |
| Rating Unit | | | | | | | Jun-7-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jul-14-21 | | |
| Rating Date | | | | | | | Control | Necrosis | Control | Control | Control | Control | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate | Grow Unit | Stg | Appl Code | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | NTC | | | | | | | | 0.0 c | 0.0 c | 0.0 b | 0.0 c | 0.0 c | 0.0 c |
| 2 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | PRE | A | 99.0 a | 23.3 ab | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | | | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | | | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |
| 3 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | PRE | A | 91.0 a | 25.0 ab | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | | | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | | | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |
| 4 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | PRE | A | 99.0 a | 26.7 a | 99.0 a | 96.0 b | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | | | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | | | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |
| 5 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | PRE | A | 99.0 a | 3.3 c | 99.0 a | 96.3 b | 99.0 a | 97.7 b |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | | | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | | | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | PRE | A | 99.0 a | 23.3 ab | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | | | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | | | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |

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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|-----------|-----------|--------------|-------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | | | | | | | laqta | ----- | Amapa | Rapra | Agrass | Amapa | |
| Crop Code | | | | | | | ----- | Arahy | ----- | ----- | ----- | ----- | |
| Part Rated | | | | | | | Control | Necrosis | Control | Control | Control | Control | |
| Rating Data Type | | | | | | | % | % | % | % | % | % | |
| Rating Unit | | | | | | | Jun-7-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jul-14-21 | |
| Rating Date | | | | | | | Control | Necrosis | Control | Control | Control | Control | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 12 | 13 | 14 | 15 | 16 | 17 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 21.7 b | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 96.0 a | 3.3 c | 99.0 a | 97.7 ab | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 70.0 b | 1.7 c | 99.0 a | 97.7 ab | 97.7 b | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 87.7 a | 1.7 c | 99.0 a | 99.0 a | 99.0 a | 97.7 b |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 88.3 a | 1.7 c | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 85.0 a | 0.0 c | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 96.0 a | 0.0 c | 99.0 a | 99.0 a | 97.7 b | 99.0 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | |
|--|-----------|-----------|--------------|--------------|-----------|---------------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | |
| | laqta | ----- | Amapa | Rapra | Agrass | Amapa |
| Weed Code | ----- | Arahy | ----- | ----- | ----- | ----- |
| Crop Code | | | | | | |
| Part Rated | | | | | | |
| Rating Data Type | Control | Necrosis | Control | Control | Control | Control |
| Rating Unit | % | % | % | % | % | % |
| Rating Date | Jun-7-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jul-14-21 |
| Trt Treatment No. Name | Form Conc | Form Type | Product Rate | Product Rate | Grow Unit | Appl Stg Code |
| | | | | | | |
| 14 PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | A |
| VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | A |
| GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | B |
| STORM | 4 | SL | 16.0 oz/a | EPOST | B | B |
| DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | EPOST | B | B |
| INDUCE | | | 0.25 % v/v | EPOST | B | B |
| CADRE | 2 | AS | 4.0 oz/a | LPOST | D | D |
| ANTHEM FLEX | 4 | SE | 3.0 oz/a | LPOST | D | D |
| 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | D |
| INDUCE | | | 0.25 % v/v | LPOST | D | D |
| LSD P=.10 | 14.55 | 4.83 | . | 2.38 | 1.24 | 1.24 |
| Standard Deviation | 10.45 | 3.47 | 0.00 | 1.71 | 0.89 | 0.89 |
| CV | 12.11 | 31.34 | 0.0 | 1.87 | 0.97 | 0.97 |
| Grand Mean | 86.29 | 11.07 | 91.93 | 91.33 | 91.74 | 91.74 |
| Bartlett's X2^ | 36.255 | 24.325 | . | 28.297 | 60.62 | 60.62 |
| P(Bartlett's X2) | 0.001* | 0.028* | . | 0.008* | 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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|-----------|-----------|--------------|-------------------|-----------|-----------|-----------|--------|--------|----------|----------|----------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | | | Agrass | Amapa | Agrass | ----- | ----- | ----- | | | | | |
| Crop Code | | | ----- | ----- | ----- | ARAHY | ARAHY | ARAHY | | | | | |
| Part Rated | | | Control | Control | Control | YIELD, - | YIELD, - | YIELD, - | | | | | |
| Rating Data Type | | | % | % | % | DIRTY | CLEAN | YIELD | | | | | |
| Rating Unit | | | Jul-14-21 | Aug-5-21 | Aug-5-21 | LBS/PLOT | LBS/PLOT | LBS/A | | | | | |
| Rating Date | | | | | | Sep-29-21 | Sep-29-21 | Sep-29-21 | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 18 | 19 | 20 | 21 | 22 | 23 |
| 1 | NTC | | | | | | | 0.0 c | 0.0 d | 0.0 c | 0.0 f | 0.0 f | 0 f |
| 2 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 97.7 a | 18.1 de | 17.7 de | 5168 de |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 3 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 99.0 a | 20.3 abc | 19.9 abc | 5796 abc |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 4 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 96.3 ab | 99.0 a | 97.7 a | 20.8 ab | 20.4 ab | 5939 ab |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 5 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 97.7 b | 99.0 a | 20.8 ab | 20.4 ab | 5949 ab |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 99.0 a | 19.8 a-d | 19.4 a-d | 5654 a-d |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |

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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|-------------------|----------|--|--|---|--|--|---|----------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | Agrass ----- Control % Jul-14-21 | Amapa ----- Control % Aug-5-21 | Agrass ----- Control % Aug-5-21 | ----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-29-21 | ----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-29-21 | ----- ARAHY YIELD, - YIELD LBS/A Sep-29-21 | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 18 | 19 | 20 | 21 | 22 | 23 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 99.0 a | 18.4 de | 18.0 de | 5254 de |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 97.7 a | 19.4 a-d | 19.0 a-d | 5539 a-d |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 97.7 ab | 99.0 a | 96.3 a | 19.3 bcd | 18.9 bcd | 5511 bcd |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 96.3 ab | 96.3 c | 91.3 ab | 17.1 e | 16.8 e | 4883 e |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 97.7 ab | 99.0 a | 91.3 ab | 19.8 a-d | 19.4 a-d | 5654 a-d |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 96.3 ab | 99.0 a | 96.3 a | 21.1 a | 20.6 a | 6015 a |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 94.3 b | 99.0 a | 86.3 b | 18.8 cd | 18.5 cd | 5378 cd |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|-----------|-----------|--------------|-------------------|-----------|-----------|--------|----------|--------|---------|---------|---------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Weed Code | | Agrass | Amapa | Agrass | ----- | ----- | | | | | | | |
| Crop Code | | ----- | ----- | ----- | ARAHY | ARAHY | | | | | | | |
| Part Rated | | | | | YIELD, - | YIELD, - | | | | | | | |
| Rating Data Type | | Control | Control | Control | DIRTY | CLEAN | | | | | | | |
| Rating Unit | | % | % | % | LBS/PLOT | LBS/PLOT | | | | | | | |
| Rating Date | | Jul-14-21 | Aug-5-21 | Aug-5-21 | Sep-29-21 | Sep-29-21 | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | 18 | 19 | 20 | 21 | 22 | 23 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 99.0 a | 99.0 a | 99.0 a | 18.9 cd | 18.6 cd | 5406 cd |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | | | | | | |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | | | | | | |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| LSD P=.10 | | | | | | | | 3.53 | 1.26 | 8.86 | 1.71 | 1.68 | 488.2 |
| Standard Deviation | | | | | | | | 2.53 | 0.91 | 6.36 | 1.23 | 1.20 | 350.6 |
| CV | | | | | | | | 2.79 | 0.99 | 7.13 | 6.8 | 6.8 | 6.8 |
| Grand Mean | | | | | | | | 90.83 | 91.64 | 89.26 | 18.05 | 17.69 | 5153.3 |
| Bartlett's X2^ | | | | | | | | 30.181 | 1296.083 | 44.154 | 10.921 | 10.921 | 10.921 |
| P(Bartlett's X2) | | | | | | | | 0.004* | 0.00* | 0.00* | 0.617 | 0.617 | 0.617 |

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.
 Could not calculate LSD (% mean diff) for columns 5,11,14 because error mean square = 0.
 ^Calculated from residual.

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | |
|--|----|----------------|-------------|----------|---------|--|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | |
| Randomized Complete Block (RCB) AOV For ----- Arahy Stunt % May-24-21 (Data Column 1) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 562.500000 | | | | |
| Replicate | 2 | 46.428571 | 23.214286 | 2.548 | 0.0976 | |
| Treatment | 13 | 279.166667 | 21.474359 | 2.357 | 0.0304 | |
| Error | 26 | 236.904762 | 9.111722 | | | |
| Randomized Complete Block (RCB) AOV For Amapa ----- Control % May-24-21 (Data Column 2) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27261.833333 | | | | |
| Replicate | 2 | 0.761905 | 0.380952 | 1.000 | 0.3816 | |
| Treatment | 13 | 27251.166667 | 2096.243590 | 5502.640 | 0.0001 | |
| Error | 26 | 9.904762 | 0.380952 | | | |
| Randomized Complete Block (RCB) AOV For Rapra ----- Control % May-24-21 (Data Column 3) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 26455.833333 | | | | |
| Replicate | 2 | 9.333333 | 4.666667 | 0.535 | 0.5918 | |
| Treatment | 13 | 26219.833333 | 2016.910256 | 231.351 | 0.0001 | |
| Error | 26 | 226.666667 | 8.717949 | | | |
| Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-24-21 (Data Column 4) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 25831.071429 | | | | |
| Replicate | 2 | 9.000000 | 4.500000 | 0.320 | 0.7290 | |
| Treatment | 13 | 25456.404762 | 1958.184982 | 139.233 | 0.0001 | |
| Error | 26 | 365.666667 | 14.064103 | | | |
| Randomized Complete Block (RCB) AOV For Molve ----- Control % May-24-21 (Data Column 5) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27302.785714 | | | | |
| Replicate | 2 | 0.000000 | 0.000000 | 0.000 | 1.0000 | |
| Treatment | 13 | 27302.785714 | 2100.214286 | 0.000 | 1.0000 | |
| Error | 26 | 0.000000 | 0.000000 | | | |
| Randomized Complete Block (RCB) AOV For ----- Arahy Leaf Necrosis % Jun-7-21 (Data Column 6) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 13150.000000 | | | | |
| Replicate | 2 | 32.142857 | 16.071429 | 1.000 | 0.3816 | |
| Treatment | 13 | 12700.000000 | 976.923077 | 60.786 | 0.0001 | |
| Error | 26 | 417.857143 | 16.071429 | | | |
| Randomized Complete Block (RCB) AOV For ----- Arahy Necrosis % Jun-7-21 (Data Column 7) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 3147.619048 | | | | |
| Replicate | 2 | 29.761905 | 14.880952 | 4.452 | 0.0217 | |
| Treatment | 13 | 3030.952381 | 233.150183 | 69.753 | 0.0001 | |
| Error | 26 | 86.904762 | 3.342491 | | | |
| Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-7-21 (Data Column 8) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27177.642857 | | | | |
| Replicate | 2 | 2.285714 | 1.142857 | 1.560 | 0.2292 | |
| Treatment | 13 | 27156.309524 | 2088.946886 | 2851.413 | 0.0001 | |
| Error | 26 | 19.047619 | 0.732601 | | | |
| Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-7-21 (Data Column 9) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 26909.642857 | | | | |
| Replicate | 2 | 2.285714 | 1.142857 | 0.039 | 0.9621 | |
| Treatment | 13 | 26139.642857 | 2010.741758 | 68.097 | 0.0001 | |
| Error | 26 | 767.714286 | 29.527473 | | | |
| Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-7-21 (Data Column 10) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27216.785714 | | | | |
| Replicate | 2 | 53.285714 | 26.642857 | 1.049 | 0.3645 | |
| Treatment | 13 | 26503.452381 | 2038.727106 | 80.308 | 0.0001 | |
| Error | 26 | 660.047619 | 25.386447 | | | |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | |
|--|----|----------------|-------------|----------|---------|--|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | |
| Randomized Complete Block (RCB) AOV For Molve ----- Control % Jun-7-21 (Data Column 11) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27302.785714 | | | | |
| Replicate | 2 | 0.000000 | 0.000000 | 0.000 | 1.0000 | |
| Treatment | 13 | 27302.785714 | 2100.214286 | 0.000 | 1.0000 | |
| Error | 26 | 0.000000 | 0.000000 | | | |
| Randomized Complete Block (RCB) AOV For laqta ----- Control % Jun-7-21 (Data Column 12) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 29676.571429 | | | | |
| Replicate | 2 | 142.428571 | 71.214286 | 0.653 | 0.5290 | |
| Treatment | 13 | 26697.238095 | 2053.633700 | 18.821 | 0.0001 | |
| Error | 26 | 2836.904762 | 109.111722 | | | |
| Randomized Complete Block (RCB) AOV For ----- Arahq Necrosis % Jun-18-21 (Data Column 13) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 5576.785714 | | | | |
| Replicate | 2 | 3.571429 | 1.785714 | 0.148 | 0.8629 | |
| Treatment | 13 | 5260.119048 | 404.624542 | 33.601 | 0.0001 | |
| Error | 26 | 313.095238 | 12.042125 | | | |
| Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-18-21 (Data Column 14) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27302.785714 | | | | |
| Replicate | 2 | 0.000000 | 0.000000 | 0.000 | 1.0000 | |
| Treatment | 13 | 27302.785714 | 2100.214286 | 0.000 | 1.0000 | |
| Error | 26 | 0.000000 | 0.000000 | | | |
| Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-18-21 (Data Column 15) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27079.333333 | | | | |
| Replicate | 2 | 10.333333 | 5.166667 | 1.775 | 0.1894 | |
| Treatment | 13 | 26993.333333 | 2076.410256 | 713.480 | 0.0001 | |
| Error | 26 | 75.666667 | 2.910256 | | | |
| Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-18-21 (Data Column 16) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27220.119048 | | | | |
| Replicate | 2 | 0.761905 | 0.380952 | 0.481 | 0.6233 | |
| Treatment | 13 | 27198.785714 | 2092.214286 | 2644.327 | 0.0001 | |
| Error | 26 | 20.571429 | 0.791209 | | | |
| Randomized Complete Block (RCB) AOV For Amapa ---- Control % Jul-14-21 (Data Column 17) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27220.119048 | | | | |
| Replicate | 2 | 0.761905 | 0.380952 | 0.481 | 0.6233 | |
| Treatment | 13 | 27198.785714 | 2092.214286 | 2644.327 | 0.0001 | |
| Error | 26 | 20.571429 | 0.791209 | | | |
| Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jul-14-21 (Data Column 18) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 26925.833333 | | | | |
| Replicate | 2 | 17.333333 | 8.666667 | 1.352 | 0.2763 | |
| Treatment | 13 | 26741.833333 | 2057.064103 | 320.902 | 0.0001 | |
| Error | 26 | 166.666667 | 6.410256 | | | |
| Randomized Complete Block (RCB) AOV For Amapa ----- Control % Aug-5-21 (Data Column 19) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27177.642857 | | | | |
| Replicate | 2 | 0.000000 | 0.000000 | 0.000 | 1.0000 | |
| Treatment | 13 | 27156.309524 | 2088.946886 | 2545.904 | 0.0001 | |
| Error | 26 | 21.333333 | 0.820513 | | | |
| Randomized Complete Block (RCB) AOV For Agrass ----- Control % Aug-5-21 (Data Column 20) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 27458.119048 | | | | |
| Replicate | 2 | 92.761905 | 46.380952 | 1.146 | 0.3335 | |
| Treatment | 13 | 26312.785714 | 2024.060440 | 49.997 | 0.0001 | |
| Error | 26 | 1052.571429 | 40.483516 | | | |

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| | | | | | | |
|--|----|-----------------|----------------|--------|---------|--|
| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | |
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-29-21 (Data Column 21) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 1141.504762 | | | | |
| Replicate | 2 | 0.693333 | 0.346667 | 0.230 | 0.7962 | |
| Treatment | 13 | 1101.618095 | 84.739853 | 56.215 | 0.0001 | |
| Error | 26 | 39.193333 | 1.507436 | | | |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-29-21 (Data Column 22) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 1096.301173 | | | | |
| Replicate | 2 | 0.665877 | 0.332939 | 0.230 | 0.7962 | |
| Treatment | 13 | 1057.994019 | 81.384155 | 56.215 | 0.0001 | |
| Error | 26 | 37.641277 | 1.447741 | | | |
| Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-29-21 (Data Column 23) | | | | | | |
| Source | DF | Sum of Squares | Mean Square | F | Prob(F) | |
| Total | 41 | 93070829.524630 | | | | |
| Replicate | 2 | 56529.863583 | 28264.931792 | 0.230 | 0.7962 | |
| Treatment | 13 | 89818731.699436 | 6909133.207649 | 56.215 | 0.0001 | |
| Error | 26 | 3195567.961611 | 122906.460062 | | | |
| <u>Part Rated</u> Leaf = LEAF / FOLIAGE <u>Rating Unit</u> % = PERCENT <u>ARM Action Codes</u> T1 = [21]*0.98 TY2 = 291.368*[22] | | | | | | |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | |
|---|----------------|-------------------------------|------------------|--------------|-------------------|----------------|----------------|----------------|-----------------|----------------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | ----- Arahy | Amapa ----- | Rapra ----- | Agrass ----- | Molve ----- |
| | | | | | | Stunt % | Control % | Control % | Control % | Control % |
| | | | | | | May-24-21 | May-24-21 | May-24-21 | May-24-21 | May-24-21 |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 1 | 2 |
| 1 NTC | | | | | | | | | | |
| | | | | | | | | 101 | 0.0 | 0.0 |
| | | | | | | | | 209 | 0.0 | 0.0 |
| | | | | | | | | 310 | 0.0 | 0.0 |
| | | | | | | | | Mean = | 0.0 | 0.0 |
| 2 PROWL H20 3.8 SC 32.0 oz/a PRE A 102 10.0 99.0 99.0 85.0 99.0 | | | | | | | | | | |
| VALOR EZ2 4 L 3.0 oz/a PRE A 213 10.0 99.0 99.0 95.0 99.0 | | | | | | | | | | |
| GRAMOXONE 2 SL 12.0 oz/a EPOST B 311 10.0 99.0 99.0 90.0 99.0 | | | | | | | | | | |
| STORM 4 SL 16.0 oz/a EPOST B | | | | | | | | | | |
| INDUCE 0.25 % v/v EPOST B | | | | | | | | | | |
| CADRE 2 AS 4.0 oz/a LPOST D | | | | | | | | | | |
| ANTHEM FLEX 4 SE 3.0 oz/a LPOST D | | | | | | | | | | |
| 2,4-DB 2 SL 16.0 oz/a LPOST D | | | | | | | | | | |
| INDUCE 0.25 % v/v LPOST D | | | | | | | | | | |
| | | | | | | | | Mean = | 10.0 | 99.0 |
| 3 PROWL H20 3.8 SC 32.0 oz/a PRE A 103 10.0 99.0 85.0 85.0 99.0 | | | | | | | | | | |
| VALOR EZ2 4 L 3.0 oz/a PRE A 211 5.0 99.0 95.0 95.0 99.0 | | | | | | | | | | |
| GRAMOXONE 2 SL 12.0 oz/a EPOST B 306 10.0 99.0 99.0 95.0 99.0 | | | | | | | | | | |
| STORM 4 SL 16.0 oz/a EPOST B | | | | | | | | | | |
| INDUCE 0.25 % v/v EPOST B | | | | | | | | | | |
| CADRE 2 AS 4.0 oz/a LPOST D | | | | | | | | | | |
| ANTHEM FLEX 4 SE 3.5 oz/a LPOST D | | | | | | | | | | |
| 2,4-DB 2 SL 16.0 oz/a LPOST D | | | | | | | | | | |
| INDUCE 0.25 % v/v LPOST D | | | | | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 |
| 4 PROWL H20 3.8 SC 32.0 oz/a PRE A 104 10.0 99.0 95.0 90.0 99.0 | | | | | | | | | | |
| VALOR EZ2 4 L 3.0 oz/a PRE A 205 5.0 95.0 99.0 95.0 99.0 | | | | | | | | | | |
| GRAMOXONE 2 SL 12.0 oz/a EPOST B 302 10.0 99.0 95.0 90.0 99.0 | | | | | | | | | | |
| STORM 4 SL 16.0 oz/a EPOST B | | | | | | | | | | |
| INDUCE 0.25 % v/v EPOST B | | | | | | | | | | |
| CADRE 2 AS 4.0 oz/a LPOST D | | | | | | | | | | |
| ANTHEM FLEX 4 SE 4.0 oz/a LPOST D | | | | | | | | | | |
| 2,4-DB 2 SL 16.0 oz/a LPOST D | | | | | | | | | | |
| INDUCE 0.25 % v/v LPOST D | | | | | | | | | | |
| | | | | | | | | Mean = | 8.3 | 97.7 |
| 5 PROWL H20 3.8 SC 32.0 oz/a PRE A 105 5.0 99.0 99.0 90.0 99.0 | | | | | | | | | | |
| VALOR EZ2 4 L 3.0 oz/a PRE A 204 10.0 99.0 99.0 90.0 99.0 | | | | | | | | | | |
| GRAMOXONE 2 SL 12.0 oz/a EPOST B 312 10.0 99.0 99.0 95.0 99.0 | | | | | | | | | | |
| STORM 4 SL 16.0 oz/a EPOST B | | | | | | | | | | |
| INDUCE 0.25 % v/v EPOST B | | | | | | | | | | |
| CADRE 2 AS 4.0 oz/a LPOST D | | | | | | | | | | |
| DUAL MAGNUM 7.62 EC 16.0 oz/a LPOST D | | | | | | | | | | |
| 2,4-DB 2 SL 16.0 oz/a LPOST D | | | | | | | | | | |
| INDUCE 0.25 % v/v LPOST D | | | | | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|--------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | | | | | | |
| | | | | | | ----- Arahy | ----- Amapa | ----- Rapra | ----- Agrass | ----- Molve | | | |
| | | | | | | Stunt % May-24-21 | Control % May-24-21 | Control % May-24-21 | Control % May-24-21 | Control % May-24-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Unit | Grow Stg | Appl Code | Plot | 1 | 2 | 3 | 4 | 5 |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 106 | 10.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 212 | 10.0 | 99.0 | 95.0 | 95.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 301 | 5.0 | 99.0 | 90.0 | 95.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 | 94.7 | 95.0 | 99.0 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 107 | 10.0 | 99.0 | 95.0 | 95.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 202 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 313 | 5.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 5.0 | 99.0 | 97.7 | 96.3 | 99.0 |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 108 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 206 | 5.0 | 99.0 | 95.0 | 95.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 303 | 10.0 | 99.0 | 90.0 | 90.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 | 93.3 | 94.7 | 99.0 |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 109 | 5.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 210 | 5.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 307 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 6.7 | 99.0 | 97.7 | 99.0 | 99.0 |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 110 | 5.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 208 | 5.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 314 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 6.7 | 99.0 | 97.7 | 97.7 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|-------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | | | | | | |
| | | | | | | ----- Arahy | Amapa ----- | Rapra ----- | Agrass ----- | Molve ----- | | | |
| | | | | | | Stunt % May-24-21 | Control % May-24-21 | Control % May-24-21 | Control % May-24-21 | Control % May-24-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 1 | 2 | 3 | 4 | 5 |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 111 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 214 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 308 | 5.0 | 99.0 | 95.0 | 95.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 | 96.3 | 97.7 | 99.0 |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 112 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 201 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 305 | 10.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 6.7 | 99.0 | 96.3 | 97.7 | 99.0 |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 113 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 207 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | 304 | 10.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 11.7 | 99.0 | 99.0 | 97.7 | 99.0 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 114 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 203 | 10.0 | 99.0 | 95.0 | 85.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 309 | 5.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 8.3 | 99.0 | 97.7 | 94.3 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | | |
|--|----------------|-------------------------------|------------------|--------------|-------------------|--|---|--|--|---|--|------|------|------|------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | ----- Arahy Leaf, - Necrosis % Jun-7-21 | ----- Arahy Necrosis % Jun-7-21 | Amapa ----- Control % Jun-7-21 | Rapra ----- Control % Jun-7-21 | Agrass ----- Control % Jun-7-21 | Molve ----- Control % Jun-7-21 | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 6 | 7 | 8 | 9 | 10 | 11 | |
| 1 NTC | | | | | | 101 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | 209 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | 310 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | Mean = | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 2 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 102 | 25.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 213 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 311 | 35.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 3.0 oz/a | LPOST D | | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | | |
| | | | | | | Mean = | | | 33.3 | 16.7 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 3 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 103 | 30.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 211 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 306 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 3.5 oz/a | LPOST D | | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | | |
| | | | | | | Mean = | | | 36.7 | 18.3 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 4 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 104 | 30.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 205 | 40.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 302 | 30.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 4.0 oz/a | LPOST D | | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | | |
| | | | | | | Mean = | | | 33.3 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 5 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 105 | 30.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 204 | 30.0 | 20.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 312 | 35.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | | |
| DUAL MAGNUM | | | | | | 7.62 EC | 16.0 oz/a | LPOST D | | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | | |
| | | | | | | Mean = | | | 31.7 | 16.7 | 99.0 | 96.0 | 99.0 | 99.0 | |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | |
|--|----------------|-------------------------------|------------------|--------------|-------------------|--|---|--|--|---|--|------|------|------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | ----- Arahy Leaf, - Necrosis % Jun-7-21 | ----- Arahy Necrosis % Jun-7-21 | Amapa ----- Control % Jun-7-21 | Rapra ----- Control % Jun-7-21 | Agrass ----- Control % Jun-7-21 | Molve ----- Control % Jun-7-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 6 | 7 | 8 | 9 | 10 | 11 |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 106 | 35.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 212 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 301 | 30.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | | |
| | | | | | | | | Mean = | 35.0 | 18.3 | 99.0 | 99.0 | 99.0 | 99.0 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 107 | 40.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 202 | 35.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 313 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | | |
| | | | | | | | | Mean = | 38.3 | 18.3 | 99.0 | 99.0 | 99.0 | 99.0 |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 108 | 35.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 206 | 40.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 303 | 30.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | | |
| | | | | | | | | Mean = | 35.0 | 16.7 | 99.0 | 99.0 | 99.0 | 99.0 |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 109 | 0.0 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 210 | 0.0 | 0.0 | 99.0 | 75.0 | 85.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 307 | 0.0 | 0.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | | |
| | | | | | | | | Mean = | 0.0 | 0.0 | 99.0 | 86.3 | 94.3 | 99.0 |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 110 | 0.0 | 0.0 | 95.0 | 90.0 | 90.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 208 | 0.0 | 0.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 314 | 0.0 | 0.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | | |
| | | | | | | | | Mean = | 0.0 | 0.0 | 97.7 | 88.3 | 96.0 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|-------------------|--|---------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | Amapa ----- Control % | Rapra ----- Control % | Agrass ----- Control % | Molve ----- Control % | | | |
| | | | | | | ----- Arahy Leaf, - Necrosis % | ----- Arahy Necrosis % | ----- Control % | ----- Control % | ----- Control % | ----- Control % | | | |
| | | | | | | Jun-7-21 | Jun-7-21 | Jun-7-21 | Jun-7-21 | Jun-7-21 | Jun-7-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 6 | 7 | 8 | 9 | 10 | 11 |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 111 | 0.0 | 0.0 | 95.0 | 85.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 214 | 0.0 | 0.0 | 95.0 | 99.0 | 95.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 308 | 0.0 | 0.0 | 99.0 | 95.0 | 90.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | | |
| | | | | | | | | Mean = | 0.0 | 0.0 | 96.3 | 93.0 | 94.7 | 99.0 |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 112 | 0.0 | 0.0 | 99.0 | 80.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 201 | 0.0 | 0.0 | 99.0 | 99.0 | 95.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 305 | 0.0 | 0.0 | 99.0 | 95.0 | 85.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | | |
| | | | | | | | | Mean = | 0.0 | 0.0 | 99.0 | 91.3 | 93.0 | 99.0 |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 113 | 0.0 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 207 | 0.0 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | 304 | 0.0 | 0.0 | 99.0 | 85.0 | 75.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | | |
| | | | | | | | | Mean = | 0.0 | 0.0 | 99.0 | 93.0 | 91.0 | 99.0 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 114 | 40.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 203 | 30.0 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 309 | 40.0 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | | |
| | | | | | | | | Mean = | 36.7 | 16.7 | 99.0 | 99.0 | 99.0 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | |
|--|----------------|-------------------------------|------------------|--------------|-------------------|--|--|---|---|--|------|------|------|------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | laqta ----- Control % Jun-7-21 | ----- Arahy Necrosis % Jun-18-21 | Amapa ----- Control % Jun-18-21 | Rapra ----- Control % Jun-18-21 | Agrass ----- Control % Jun-18-21 | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 12 | 13 | 14 | 15 | 16 | |
| 1 NTC | | | | | | 101 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | 209 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | 310 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | Mean = | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 2 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 102 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 213 | 99.0 | 30.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 311 | 99.0 | 15.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 3.0 oz/a | LPOST D | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 23.3 | 99.0 | 99.0 | 99.0 | |
| 3 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 103 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 211 | 99.0 | 20.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 306 | 75.0 | 30.0 | 99.0 | 99.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 3.5 oz/a | LPOST D | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | |
| | | | | | | Mean = | | | 91.0 | 25.0 | 99.0 | 99.0 | 99.0 | |
| 4 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 104 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 205 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 302 | 99.0 | 30.0 | 99.0 | 90.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | |
| ANTHEM FLEX | | | | | | 4 SE | 4.0 oz/a | LPOST D | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 26.7 | 99.0 | 96.0 | 99.0 | |
| 5 PROWL H20 | | | | | | 3.8 SC | 32.0 oz/a | PRE A | 105 | 99.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| VALOR EZ2 | | | | | | 4 L | 3.0 oz/a | PRE A | 204 | 99.0 | 0.0 | 99.0 | 95.0 | 99.0 |
| GRAMOXONE | | | | | | 2 SL | 12.0 oz/a | EPOST B | 312 | 99.0 | 5.0 | 99.0 | 95.0 | 99.0 |
| STORM | | | | | | 4 SL | 16.0 oz/a | EPOST B | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | EPOST B | | | | | | |
| CADRE | | | | | | 2 AS | 4.0 oz/a | LPOST D | | | | | | |
| DUAL MAGNUM | | | | | | 7.62 EC | 16.0 oz/a | LPOST D | | | | | | |
| 2,4-DB | | | | | | 2 SL | 16.0 oz/a | LPOST D | | | | | | |
| INDUCE | | | | | | | 0.25 % v/v | LPOST D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 3.3 | 99.0 | 96.3 | 99.0 | |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|--------------|--|--|---|---|--|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | laqta ----- Control % Jun-7-21 | ----- Arahy Necrosis % Jun-18-21 | Amapa ----- Control % Jun-18-21 | Rapra ----- Control % Jun-18-21 | Agrass ----- Control % Jun-18-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Unit | Grow Stg | Appl Code | Plot | 12 | 13 | 14 | 15 | 16 |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 106 | 99.0 | 20.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 212 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 301 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 23.3 | 99.0 | 99.0 | 99.0 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 107 | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 202 | 99.0 | 20.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 313 | 99.0 | 20.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 21.7 | 99.0 | 99.0 | 99.0 |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 108 | 99.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 206 | 99.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 303 | 90.0 | 0.0 | 99.0 | 95.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 96.0 | 3.3 | 99.0 | 97.7 | 99.0 |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 109 | 95.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 210 | 50.0 | 0.0 | 99.0 | 95.0 | 95.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 307 | 65.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | Mean = | | | 70.0 | 1.7 | 99.0 | 97.7 | 97.7 |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 110 | 65.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 208 | 99.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 314 | 99.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | Mean = | | | 87.7 | 1.7 | 99.0 | 99.0 | 99.0 |

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ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

| | | | | | | | laqta | ----- | Amapa | Rapra | Agrass | | | |
|-----|-------------|------|------|------------|---------|------|----------|-----------|-----------|-----------|-----------|------|------|------|
| | | | | | | | ----- | Arahy | ----- | ----- | ----- | | | |
| | | | | | | | Control | Necrosis | Control | Control | Control | | | |
| | | | | | | | % | % | % | % | % | | | |
| | | | | | | | Jun-7-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | Jun-18-21 | | | |
| Trt | Treatment | Form | Form | Product | Product | Grow | Appl | | | | | | | |
| No. | Name | Conc | Type | Rate | Rate | Unit | Stg | Code | Plot | 12 | 13 | 14 | 15 | 16 |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | 111 | | | 85.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | 214 | | | 95.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | POST | C | 308 | | | 85.0 | 5.0 | 99.0 | 99.0 | 99.0 |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | POST | C | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | POST | C | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | POST | C | | | | | | | | |
| | | | | | | | | Mean = | | 88.3 | 1.7 | 99.0 | 99.0 | 99.0 |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | 112 | | | 95.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | 201 | | | 95.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | CADRE | 2 | AS | 4.0 oz/a | POST | C | 305 | | | 65.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | POST | C | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | POST | C | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | POST | C | | | | | | | | |
| | | | | | | | | Mean = | | 85.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | 113 | | | 99.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | 207 | | | 90.0 | 0.0 | 99.0 | 99.0 | 99.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | PRE | A | 304 | | | 99.0 | 0.0 | 99.0 | 99.0 | 95.0 |
| | CADRE | 2 | AS | 4.0 oz/a | POST | C | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | POST | C | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | POST | C | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | POST | C | | | | | | | | |
| | | | | | | | | Mean = | | 96.0 | 0.0 | 99.0 | 99.0 | 97.7 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | PRE | A | 114 | | | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | PRE | A | 203 | | | 99.0 | 25.0 | 99.0 | 99.0 | 99.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | EPOST | B | 309 | | | 99.0 | 20.0 | 99.0 | 99.0 | 99.0 |
| | STORM | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | EPOST | B | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | EPOST | B | | | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | LPOST | D | | | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | | | |
| | INDUCE | | | 0.25 % v/v | LPOST | D | | | | | | | | |
| | | | | | | | | Mean = | | 99.0 | 23.3 | 99.0 | 99.0 | 99.0 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | | | | |
|--|----------------|-------------------------------|------------------|--------------|-------------------|--|--|--|---|--|------|------|------|------|------|------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | Amapa ---- Control % Jul-14-21 | Agrass ----- Control % Jul-14-21 | Amapa ----- Control % Aug-5-21 | Agrass ----- Control % Aug-5-21 | ----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-29-21 | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 17 | 18 | 19 | 20 | 21 | | | |
| 1 NTC | | | | | | 101 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | | 209 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | | 310 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | | Mean = | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 2 PROWL H20 | | | | | | 3.8 | SC | 32.0 oz/a | PRE | A | 102 | 99.0 | 99.0 | 99.0 | 95.0 | 17.5 |
| VALOR EZ2 | | | | | | 4 | L | 3.0 oz/a | PRE | A | 213 | 99.0 | 99.0 | 99.0 | 99.0 | 17.9 |
| GRAMOXONE | | | | | | 2 | SL | 12.0 oz/a | EPOST | B | 311 | 99.0 | 99.0 | 99.0 | 99.0 | 18.9 |
| STORM | | | | | | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | EPOST | B | | | | | | |
| CADRE | | | | | | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | |
| ANTHEM FLEX | | | | | | 4 | SE | 3.0 oz/a | LPOST | D | | | | | | |
| 2,4-DB | | | | | | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 99.0 | 99.0 | 97.7 | 18.1 | | | |
| 3 PROWL H20 | | | | | | 3.8 | SC | 32.0 oz/a | PRE | A | 103 | 99.0 | 99.0 | 99.0 | 99.0 | 20.7 |
| VALOR EZ2 | | | | | | 4 | L | 3.0 oz/a | PRE | A | 211 | 99.0 | 99.0 | 99.0 | 99.0 | 20.7 |
| GRAMOXONE | | | | | | 2 | SL | 12.0 oz/a | EPOST | B | 306 | 99.0 | 99.0 | 99.0 | 99.0 | 19.5 |
| STORM | | | | | | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | EPOST | B | | | | | | |
| CADRE | | | | | | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | |
| ANTHEM FLEX | | | | | | 4 | SE | 3.5 oz/a | LPOST | D | | | | | | |
| 2,4-DB | | | | | | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 99.0 | 99.0 | 99.0 | 20.3 | | | |
| 4 PROWL H20 | | | | | | 3.8 | SC | 32.0 oz/a | PRE | A | 104 | 99.0 | 99.0 | 99.0 | 99.0 | 19.9 |
| VALOR EZ2 | | | | | | 4 | L | 3.0 oz/a | PRE | A | 205 | 99.0 | 95.0 | 99.0 | 99.0 | 21.0 |
| GRAMOXONE | | | | | | 2 | SL | 12.0 oz/a | EPOST | B | 302 | 99.0 | 95.0 | 99.0 | 95.0 | 21.5 |
| STORM | | | | | | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | EPOST | B | | | | | | |
| CADRE | | | | | | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | |
| ANTHEM FLEX | | | | | | 4 | SE | 4.0 oz/a | LPOST | D | | | | | | |
| 2,4-DB | | | | | | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 99.0 | 96.3 | 99.0 | 97.7 | 20.8 | | | |
| 5 PROWL H20 | | | | | | 3.8 | SC | 32.0 oz/a | PRE | A | 105 | 99.0 | 99.0 | 99.0 | 99.0 | 20.5 |
| VALOR EZ2 | | | | | | 4 | L | 3.0 oz/a | PRE | A | 204 | 95.0 | 99.0 | 95.0 | 99.0 | 21.8 |
| GRAMOXONE | | | | | | 2 | SL | 12.0 oz/a | EPOST | B | 312 | 99.0 | 99.0 | 99.0 | 99.0 | 20.2 |
| STORM | | | | | | 4 | SL | 16.0 oz/a | EPOST | B | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | EPOST | B | | | | | | |
| CADRE | | | | | | 2 | AS | 4.0 oz/a | LPOST | D | | | | | | |
| DUAL MAGNUM | | | | | | 7.62 | EC | 16.0 oz/a | LPOST | D | | | | | | |
| 2,4-DB | | | | | | 2 | SL | 16.0 oz/a | LPOST | D | | | | | | |
| INDUCE | | | | | | | | 0.25 % v/v | LPOST | D | | | | | | |
| | | | | | | Mean = | | | 97.7 | 99.0 | 97.7 | 99.0 | 20.8 | | | |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|--------------|---|--|--|---|--|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | Amapa ----- Control % Jul-14-21 | Agrass ----- Control % Jul-14-21 | Amapa ----- Control % Aug-5-21 | Agrass ----- Control % Aug-5-21 | ----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-29-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Unit | Grow Stg | Appl Code | Plot | 17 | 18 | 19 | 20 | 21 |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 106 | 99.0 | 99.0 | 99.0 | 99.0 | 18.4 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 212 | 99.0 | 99.0 | 99.0 | 99.0 | 21.6 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 301 | 99.0 | 99.0 | 99.0 | 99.0 | 19.4 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 19.8 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 107 | 99.0 | 99.0 | 99.0 | 99.0 | 18.2 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 202 | 99.0 | 99.0 | 99.0 | 99.0 | 19.8 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 313 | 99.0 | 99.0 | 99.0 | 99.0 | 17.2 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 18.4 |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 108 | 99.0 | 99.0 | 99.0 | 99.0 | 19.4 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 206 | 99.0 | 99.0 | 99.0 | 99.0 | 19.9 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 303 | 99.0 | 99.0 | 99.0 | 95.0 | 18.9 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 97.7 | 19.4 |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 109 | 99.0 | 99.0 | 99.0 | 99.0 | 20.2 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 210 | 99.0 | 99.0 | 99.0 | 95.0 | 18.1 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 307 | 99.0 | 95.0 | 99.0 | 95.0 | 19.6 |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 99.0 | 97.7 | 99.0 | 96.3 | 19.3 |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 110 | 95.0 | 95.0 | 95.0 | 95.0 | 18.6 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 208 | 99.0 | 95.0 | 99.0 | 80.0 | 16.4 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 314 | 99.0 | 99.0 | 95.0 | 99.0 | 16.3 |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 97.7 | 96.3 | 96.3 | 91.3 | 17.1 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | | | | |
|--|----------------|------------|------------------|--------------|-------------------|--|--|--|---|--|------|------|------|
| Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN | | | | | | | | | | | | | |
| Location: PONDER FARM Investigator: Eric P. Prostko | | | | | | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | | | | | | |
| | | | | | | Amapa ---- Control % Jul-14-21 | Agrass ----- Control % Jul-14-21 | Amapa ----- Control % Aug-5-21 | Agrass ----- Control % Aug-5-21 | ----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-29-21 | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 17 | 18 | 19 | 20 | 21 |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 111 | 99.0 | 99.0 | 99.0 | 99.0 | 20.2 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 214 | 99.0 | 95.0 | 99.0 | 80.0 | 17.9 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 308 | 99.0 | 99.0 | 99.0 | 95.0 | 21.3 |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 99.0 | 97.7 | 99.0 | 91.3 | 19.8 |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 112 | 99.0 | 99.0 | 99.0 | 99.0 | 21.9 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 201 | 99.0 | 95.0 | 99.0 | 95.0 | 19.7 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 305 | 99.0 | 95.0 | 99.0 | 95.0 | 21.6 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 99.0 | 96.3 | 99.0 | 96.3 | 21.1 |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 113 | 99.0 | 99.0 | 99.0 | 99.0 | 17.4 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 207 | 99.0 | 99.0 | 99.0 | 95.0 | 18.0 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | 304 | 99.0 | 85.0 | 99.0 | 65.0 | 21.1 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | | | | |
| | | | | | | | | Mean = | 99.0 | 94.3 | 99.0 | 86.3 | 18.8 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 114 | 99.0 | 99.0 | 99.0 | 99.0 | 17.5 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 203 | 99.0 | 99.0 | 99.0 | 99.0 | 20.0 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 309 | 99.0 | 99.0 | 99.0 | 99.0 | 19.3 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | | | | |
| | | | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 18.9 |

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

| | | | | | | ----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-29-21 | ----- ARAHY YIELD, - YIELD LBS/A Sep-29-21 | | | |
|---------|----------------|-----------|-----------|--------------|-------------------|--|---|-----------------------------|--------------------------|------------------|
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 22 | 23 |
| 1 | NTC | | | | | | | 101 209 310 Mean = | 0.0 0.0 0.0 0.0 | 0 0 0 0 |
| 2 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 102 | 17.2 | 4997 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 213 | 17.5 | 5111 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 311 | 18.5 | 5397 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | | | Mean = | 17.7 | 5168 |
| 3 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 103 | 20.3 | 5911 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 211 | 20.3 | 5911 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 306 | 19.1 | 5568 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | | | Mean = | 19.9 | 5796 |
| 4 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 104 | 19.5 | 5682 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 205 | 20.6 | 5996 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 302 | 21.1 | 6139 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | | | Mean = | 20.4 | 5939 |
| 5 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 105 | 20.1 | 5854 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 204 | 21.4 | 6225 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 312 | 19.8 | 5768 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | | | Mean = | 20.4 | 5949 |

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| ANTHEM FLEX FOR WEED CONTROL IN PEANUT | | | | | | | | | | |
|--|----------------|-------------------------------|------------------|--------------|-------------------|----------|--|---|------|------|
| Trial ID: PE-16-21 | | Study Dir.: BLAIR COLVIN | | | | | | | | |
| Location: PONDER FARM | | Investigator: Eric P. Prostko | | | | | | | | |
| Weed Code | Crop Code | Part Rated | Rating Data Type | Rating Unit | Rating Date | | | | | |
| | | | | | | | ----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-29-21 | ----- ARAHY YIELD, - YIELD LBS/A Sep-29-21 | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Rate Unit | Grow Stg | Appl Code | Plot | 22 | 23 |
| 6 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 106 | 18.0 | 5254 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 212 | 21.2 | 6168 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 301 | 19.0 | 5539 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | ANTHEM FLEX | 4 | SE | 2.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | Mean = | | | 19.4 | 5654 |
| 7 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 107 | 17.8 | 5197 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 202 | 19.4 | 5654 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 313 | 16.9 | 4911 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | Mean = | | | 18.0 | 5254 |
| 8 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 108 | 19.0 | 5539 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 206 | 19.5 | 5682 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 303 | 18.5 | 5397 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | | | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | | | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | | | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | LPOST | D | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | | | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | | | |
| | | | | | | Mean = | | | 19.0 | 5539 |
| 9 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 109 | 19.8 | 5768 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 210 | 17.7 | 5168 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 307 | 19.2 | 5597 |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | |
| | | | | | | Mean = | | | 18.9 | 5511 |
| 10 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 110 | 18.2 | 5311 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 208 | 16.1 | 4683 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 314 | 16.0 | 4654 |
| | ANTHEM FLEX | 4 | SE | 3.5 oz/a | | POST | C | | | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | | | |
| | INDUCE | | | 0.25 % v/v | | POST | C | | | |
| | | | | | | Mean = | | | 16.8 | 4883 |

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT
 Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
 Location: PONDER FARM Investigator: Eric P. Prostko

| | | | | | | | ----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-29-21 | ----- ARAHY YIELD, - YIELD LBS/A Sep-29-21 |
|---------|----------------|-----------|-----------|--------------|--------------|----------|--|---|
| Trt No. | Treatment Name | Form Conc | Form Type | Product Rate | Product Unit | Grow Stg | Appl Code | Plot |
| | | | | | | | | 22 |
| 11 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 111 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 214 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 308 |
| | ANTHEM FLEX | 4 | SE | 4.0 oz/a | | POST | C | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | |
| | INDUCE | | | 0.25 % v/v | | POST | C | |
| | | | | | | Mean = | | |
| | | | | | | | | 19.4 |
| | | | | | | | | 5654 |
| 12 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 112 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 201 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | 305 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | POST | C | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | |
| | INDUCE | | | 0.25 % v/v | | POST | C | |
| | | | | | | Mean = | | |
| | | | | | | | | 20.6 |
| | | | | | | | | 6015 |
| 13 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 113 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 207 |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | PRE | A | 304 |
| | CADRE | 2 | AS | 4.0 oz/a | | POST | C | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | POST | C | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | POST | C | |
| | INDUCE | | | 0.25 % v/v | | POST | C | |
| | | | | | | Mean = | | |
| | | | | | | | | 18.5 |
| | | | | | | | | 5378 |
| 14 | PROWL H20 | 3.8 | SC | 32.0 oz/a | | PRE | A | 114 |
| | VALOR EZ2 | 4 | L | 3.0 oz/a | | PRE | A | 203 |
| | GRAMOXONE | 2 | SL | 12.0 oz/a | | EPOST | B | 309 |
| | STORM | 4 | SL | 16.0 oz/a | | EPOST | B | |
| | DUAL MAGNUM | 7.62 | EC | 16.0 oz/a | | EPOST | B | |
| | INDUCE | | | 0.25 % v/v | | EPOST | B | |
| | CADRE | 2 | AS | 4.0 oz/a | | LPOST | D | |
| | ANTHEM FLEX | 4 | SE | 3.0 oz/a | | LPOST | D | |
| | 2,4-DB | 2 | SL | 16.0 oz/a | | LPOST | D | |
| | INDUCE | | | 0.25 % v/v | | LPOST | D | |
| | | | | | | Mean = | | |
| | | | | | | | | 18.6 |
| | | | | | | | | 5406 |

University of Georgia

ANTHEM FLEX FOR WEED CONTROL IN PEANUT

Trial ID: PE-16-21 Study Dir.: BLAIR COLVIN
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

Leaf = LEAF / FOLIAGE

Rating Unit

% = PERCENT

ARM Action Codes

T1 = [21]*0.98

TY2 = 291.368*[22]