

University of Georgia

SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .78211)

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | Amt Product to Measure | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------------------|--------------------|-----------|-----------|-------|-----------|----------|------------|------------------------|-------|-------|-------|-------|
| 1 | ROWEL | 51 | WG | 3.0 | oz/a | PRE | A | 2.247 g/mx | 101 | 207 | 308 | 404 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 37.5 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 13.28 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 2 | ROWEL | 51 | WG | 4.0 | oz/a | PRE | A | 2.996 g/mx | 102 | 211 | 301 | 406 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 37.5 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 13.28 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 3 | ROWEL | 51 | WG | 2.0 | oz/a | PRE | A | 1.498 g/mx | 103 | 206 | 312 | 402 |
| | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 37.5 ml/mx | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 37.5 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 13.28 ml/mx | | | | |
| CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | | |
| 4 | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 37.5 ml/mx | 104 | 202 | 309 | 401 |
| | REFLEX | 2 | SL | 16.0 | oz/a | PRE | A | 12.5 ml/mx | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | COBRA | 2 | EC | 10.0 | oz/a | POST | B | 7.812 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 5 | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 37.5 ml/mx | 105 | 214 | 303 | 414 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 13.28 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 6 | AUTHORITY FIRST | 70 | DF | 5.0 | oz/a | PRE | A | 3.745 g/mx | 106 | 203 | 307 | 412 |
| | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 37.5 ml/mx | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 13.28 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 7 | AUTHORITY MAXX | 66 | WG | 6.4 | oz/a | PRE | A | 4.793 g/mx | 107 | 210 | 314 | 409 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | CADET | 0.91 | EC | 0.8 | oz/a | POST | B | 0.6249 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 8 | FIERCE | 76 | WG | 3.5 | oz/a | PRE | A | 2.621 g/mx | 108 | 215 | 311 | 410 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | COBRA | 2 | EC | 10.0 | oz/a | POST | B | 7.812 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 9 | ZIDUA | 85 | WG | 2.75 | oz/a | PRE | A | 2.059 g/mx | 109 | 213 | 306 | 415 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | POST | B | 12.5 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 10 | VERDICT | 5.57 | EC | 5.0 | oz/a | PRE | A | 3.906 ml/mx | 110 | 209 | 302 | 413 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 | oz/a | POST | B | 12.5 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 11 | BROADAXE XC | 7 | EC | 25.0 | oz/a | PRE | A | 19.53 ml/mx | 111 | 205 | 310 | 403 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |
| 12 | BOUNDARY | 6.5 | SL | 24.0 | oz/a | PRE | A | 18.75 ml/mx | 112 | 204 | 315 | 408 |
| | TOUCHDOWN TOTAL | 4.17 | SL | 33.8 | oz/a | POST | B | 26.4 ml/mx | | | | |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 25.0 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 37.5 ml/mx | | | | |

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Reps: 4 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .78211)

| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Grow Stg | Appl Code | Amt Product to Measure | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|---------|--------------------|-----------|-----------|-----------|----------|-----------|------------------------|-------|-------|-------|-------|
| 13 | TRIVENCE | 61.3 | WG | 7.25 oz/a | PRE | A | 5.43 g/mx | 113 | 208 | 313 | 405 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 25.0 ml/mx | | | | |
| | COBRA | 2 | EC | 10.0 oz/a | POST | B | 7.812 ml/mx | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | 37.5 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 37.5 ml/mx | | | | |
| 14 | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 37.5 ml/mx | 114 | 212 | 305 | 407 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 25.0 ml/mx | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | 37.5 ml/mx | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | 13.28 ml/mx | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 37.5 ml/mx | | | | |
| 15 | NTC | | | | | | | 115 | 201 | 304 | 411 |

Sort Order: Treatment

Trial Comments

AUTHORITY FIRST = SULFENTRAZONE (62.1%) + CHLORANSULAM (7.9%)
 AUTHORITY MAXX = SULFENTRAZONE (62.12%) + CHLORIMURON (3.88%)
 FIERCE = FLUMIOXAZIN (33.5%) + PYROXASULFONE (42.5%)
 VERDICT = SAFLUFENACIL (0.57 LB/GAL) + DIMETHENAMID-P 5 LB/GAL)
 BROADAXE XC = S-MOC (6.3 LB/GAL) + SULFENTRAZONE (0.7 LB/GAL)
 BOUNDARY = S-MOC (5.25 LB/GAL) + METRIBUZIN (1.25 LB/GAL)
 TRIVENCE = FLUMIOXAZIN (12.8%) + CHLORIMURON (3.9%)+ METRIBUZIN (44.6%)

ANNUAL GRASS = TEXAS PANICUM + CRABGRASS + GOOSEGRASS + CROWFOOTGRASS

YIELDS ADJUSTED TO 13% MOISTURE.

TREATMENT CHANGES DUE TO PROSTKO ERROR

1) TREATMENTS # 5 AND 14 WERE SUPPOSED TO INCLUDE TRICOR - PRE @ 7.5 OZ/A BUT PROSTKO FORGOT TO BRING TRICOR ON DAY OF SPRAYING.

2) TREATMENT 11 WAS SUPPOSED TO BE FLEXSTAR GT BUT PROSTKO FORGOT TO BRING CHEMICAL.

3) TREATMENT #13 WAS SUPPOSED TO BE ABUNDIT EXTRA BUT PROSTKO FORGOT TO BRING CHEMICAL.

4) PROSTKO IS AN IDIOT!!

SUMMARY:

1) ALL PRE TREATMENTS EXCEPT WARRANT CAUSED SIGNIFICANT EARLY SEASON SOYBEAN STUNTING. AUTHORITY MAXX, BOUNDARY, VERDICT, AND TRIVENCE WERE THE MOST INJURIOUS.

2) PALMER AMARANTH AND CARPETWEED CONTROL WAS EXCELLENT (99%) WITH ALL TREATMENTS THROUGHOUT THE GROWING SEASON.

3) WARRANT PROVIDED NO RESIDUAL CONTROL OF SMALLFLOWER MG.

4) ANNUAL GRASS CONTROL WAS NOT ACCEPTABLE (70% OR LESS) WITH THE FOLLOWING PRE TREATMENTS:

WARRANT
 AUTHORITY MAXX
 VERDICT

5) AFTER THE POST TREATMENTS WERE APPLIED, CONTROL OF ALL WEED SPECIES WAS EXCELLENT (95+%).

6) ALL HERBICIDES TREATMENTS RESULTED IN HIGHER YIELDS THAN THE NTC. GENERALLY, NO DIFFERENCES IN YIELD WERE OBSERVED BETWEEN TREATMENTS. HOWEVER, VERDICT APPLIED PRE CAUSED SOME YIELD LOSSES DEPENDING UPON THE COMPARISON.

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SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: MARK BRAXTON (2015-01-24-04) **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: _____ **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: _____

Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** AGRASS PANICUM+CROW+CRAB+GOOSE
Weed 3. IAQTA SMALLFLOWER MG **4.** MOLVE CARPETWEED
Weed 5. DEDTO FLORIDA BEGGARWEED **6.** _____

Crop 1: GLYMA SOYBEAN **Variety:** ASGROW AG7934 **Planting Date:** May-12-15
Planting Method: MONOSEM **Rate:** 100000 SEED/A **Depth:** 1.5 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: _____

| | | |
|------------------------|-------------------|-------------|
| Previous: Crops | Pesticides | Year |
| 1. COTTON | 2014 | _____ |

MAINTENANCE

Field Prep./Maintenance: _____

| | | | | | | |
|-----------------|-----------------------|-------------|-------------|-------------|-------------|-------------|
| No. Date | Treatment Name | Form | Form | Form | Rate | Unit |
| 1. _____ | _____ | _____ | _____ | _____ | _____ | _____ |

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** 1.49 **% Sand:** 86 **% Silt:** 6 **% Clay:** 8
pH: 6.0 **CEC:** _____ **Soil Name:** ORANGEBURG **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date **Time** **Amount** **Unit** **Type** **Interval** **Unit**
 1. May-13-15 _____ 0.5 IN SPRINKLER - CENTER PIVOT _____

Overall Moisture Conditions: _____
Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

APPLICATION DESCRIPTION

| | A | B | C | D | E | F |
|-----------------------------|-----------|-----------|-------|-------|-------|-------|
| Application Date: | May-13-15 | Jun-5-15 | _____ | _____ | _____ | _____ |
| Time of Day: | 8:00 AM | 8:15 AM | _____ | _____ | _____ | _____ |
| Application Method: | BROADCAST | BROADCAST | _____ | _____ | _____ | _____ |
| Application Timing: | PRE | POST | _____ | _____ | _____ | _____ |
| Applic. Placement: | SOIL | FOLIAGE | _____ | _____ | _____ | _____ |
| Air Temp., Unit: | 71 F | 87 F | _____ | _____ | _____ | _____ |
| % Relative Humidity: | 85 | 61 | _____ | _____ | _____ | _____ |
| Wind Velocity, Unit: | 0 MPH | 0 MPH | _____ | _____ | _____ | _____ |
| Dew Presence (Y/N): | N | Y | _____ | _____ | _____ | _____ |
| Water Hardness: | __ | __ | _____ | _____ | _____ | _____ |
| Soil Temp., Unit: | 79 F | 80 F | _____ | _____ | _____ | _____ |
| Soil Moisture: | OPTIMUM | OPTIMUM | _____ | _____ | _____ | _____ |
| % Cloud Cover: | 100 | 10 | _____ | _____ | _____ | _____ |

CROP STAGE AT EACH APPLICATION

| | A | B | C | D | E | F |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Crop 1 Stage: GLYMA | _____ | _____ | _____ | _____ | _____ | _____ |
| Stage Scale: | _____ | V4-V5 | _____ | _____ | _____ | _____ |
| Height, Unit: | _____ | 10 IN | _____ | _____ | _____ | _____ |

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| | | WEED STAGE AT EACH APPLICATION | | | | | |
|--------|----------------|--------------------------------|-------|-------|-------|-------|-------|
| | | A | B | C | D | E | F |
| Weed 1 | Stage: AMAPA | _____ | _____ | _____ | _____ | _____ | _____ |
| | Stage Scale: | _____ | _____ | _____ | _____ | _____ | _____ |
| | Density, Unit: | _____ | _____ | _____ | _____ | _____ | _____ |
| Weed 2 | Stage: AGRASS | _____ | _____ | _____ | _____ | _____ | _____ |
| | Stage Scale: | _____ | _____ | _____ | _____ | _____ | _____ |
| | Density, Unit: | _____ | _____ | _____ | _____ | _____ | _____ |
| Weed 3 | Stage: IAQTA | _____ | 1-2" | _____ | _____ | _____ | _____ |
| | Stage Scale: | _____ | _____ | _____ | _____ | _____ | _____ |
| | Density, Unit: | _____ | _____ | _____ | _____ | _____ | _____ |
| Weed 4 | Stage: MOLVE | _____ | _____ | _____ | _____ | _____ | _____ |
| | Stage Scale: | _____ | _____ | _____ | _____ | _____ | _____ |
| | Density, Unit: | _____ | _____ | _____ | _____ | _____ | _____ |
| Weed 5 | Stage: DEDTO | _____ | 1-3" | _____ | _____ | _____ | _____ |
| | Stage Scale: | _____ | _____ | _____ | _____ | _____ | _____ |
| | Density, Unit: | _____ | _____ | _____ | _____ | _____ | _____ |

| | | APPLICATION EQUIPMENT | | | | | |
|-----------------------|----------|-----------------------|-------|-------|-------|-------|-------|
| | | A | B | C | D | E | F |
| Appl. Equipment: | BACKPACK | BACKPACK | _____ | _____ | _____ | _____ | _____ |
| Operating Pressure: | 35 | 40 | _____ | _____ | _____ | _____ | _____ |
| Nozzle Type: | AIXR | FLAT FAN | _____ | _____ | _____ | _____ | _____ |
| Nozzle Size: | 11002 | 11002DG | _____ | _____ | _____ | _____ | _____ |
| 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: | 3.0 | 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): | - | - | - | - | - | - | - |

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

University of Georgia

SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
 Location: ATTAPULGUS Investigator: Eric P. Prostko

| Weed Code | | | | | | ----- GLYMA PLANT - STUNTING PERCENT May-27-15 | AMAPA ----- CONTROL PERCENT May-27-15 | ANNUAL GRASS CONTROL PERCENT May-27-15 | IAQTA ----- CONTROL PERCENT May-27-15 | MOLVE ----- CONTROL PERCENT May-27-15 | ----- GLYMA PLANT - STUNTING PERCENT Jun-5-15 | |
|-----------|--------------------|-----------|-----------|----------------|----------|---|---|--|---|---|--|---------|
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate Unit | Grow Stg | Appl Code | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | ROWEL | 51 | WG | 3.0 oz/a | PRE | A | 10.0 def | 99.0 a | 82.3 b | 99.0 a | 99.0 a | 2.5 cd |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 2 | ROWEL | 51 | WG | 4.0 oz/a | PRE | A | 5.0 fg | 99.0 a | 89.5 ab | 99.0 a | 99.0 a | 1.3 d |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 3 | ROWEL | 51 | WG | 2.0 oz/a | PRE | A | 15.0 bcd | 99.0 a | 92.3 ab | 99.0 a | 99.0 a | 3.8 cd |
| | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | | | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 4 | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 7.5 ef | 99.0 a | 94.5 a | 95.5 b | 99.0 a | 0.0 d |
| | REFLEX | 2 | SL | 16.0 oz/a | PRE | A | | | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | COBRA | 2 | EC | 10.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 5 | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 0.0 g | 98.0 b | 70.0 c | 0.0 c | 99.0 a | 0.0 d |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 6 | AUTHORITY FIRST | 70 | DF | 5.0 oz/a | PRE | A | 10.0 def | 99.0 a | 91.0 ab | 99.0 a | 99.0 a | 7.5 bcd |
| | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | | | | | | |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 7 | AUTHORITY MAXX | 66 | WG | 6.4 oz/a | PRE | A | 21.3 ab | 99.0 a | 67.5 cd | 99.0 a | 99.0 a | 12.5 b |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | CADET | 0.91 | EC | 0.8 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 8 | FIERCE | 76 | WG | 3.5 oz/a | PRE | A | 12.5 cde | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 2.5 cd |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | COBRA | 2 | EC | 10.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 9 | ZIDUA | 85 | WG | 2.75 oz/a | PRE | A | 15.0 bcd | 99.0 a | 94.8 a | 98.0 a | 98.0 b | 10.0 bc |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 10 | VERDICT | 5.57 | EC | 5.0 oz/a | PRE | A | 15.0 bcd | 99.0 a | 57.5 d | 98.0 a | 99.0 a | 25.0 a |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | ULTRA BLAZER | 2 | SL | 16.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 11 | BROADAXE XC | 7 | EC | 25.0 oz/a | PRE | A | 13.8 cde | 99.0 a | 93.3 ab | 99.0 a | 99.0 a | 2.5 cd |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 12 | BOUNDARY | 6.5 | SL | 24.0 oz/a | PRE | A | 17.5 abc | 99.0 a | 93.5 a | 99.0 a | 99.0 a | 5.4 bcd |
| | TOUCHDOWN TOTAL | 4.17 | SL | 33.8 oz/a | POST | B | | | | | | |
| | PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)

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

Missing data estimates are included in columns: Yates=6

Could not calculate LSD (% mean diff) for columns 12,13,14,16 because error mean square = 0.

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | AMAPA ----- CONTROL PERCENT Jun-5-15 | ANNUAL GRASS ----- CONTROL PERCENT Jun-5-15 | IAQTA ----- CONTROL PERCENT Jun-5-15 | MOLVE ----- CONTROL PERCENT Jun-5-15 | ----- GLYMA LEAF - BURN PERCENT Jun-15-15 | AMAPA ----- CONTROL PERCENT Jun-15-15 |
|---|--|---|--|----------------------------|--|--|--|--|--|--|---|
| Trt Treatment No. Name | Form Form Conc Type | Rate Rate Unit | Grow Stg | Appl Code | | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 WG 5.5 SL 3 ME 1.88 SL | 3.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | | 99.0 a | 81.0 b | 99.0 a | 99.0 a | 16.3 b | 99.0 a |
| 2 ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 WG 5.5 SL 3 ME 1.88 SL | 4.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | | 99.0 a | 94.5 a | 99.0 a | 99.0 a | 16.3 b | 99.0 a |
| 3 ROWEL WARRANT ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 WG 3 ME 5.5 SL 3 ME 1.88 SL | 2.0 oz/a 48.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST POST | A A B B B B | | 99.0 a | 89.8 ab | 99.0 a | 99.0 a | 15.0 b | 99.0 a |
| 4 WARRANT REFLEX ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 3 ME 2 SL 5.5 SL 2 EC | 48.0 oz/a 16.0 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | | 99.0 a | 93.0 ab | 91.0 ab | 99.0 a | 17.5 b | 99.0 a |
| 5 WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 3 ME 5.5 SL 1.88 SL | 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 98.0 a | 56.3 c | 0.0 c | 99.0 a | 17.5 b | 99.0 a |
| 6 AUTHORITY FIRST WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 70 DF 3 ME 5.5 SL 1.88 SL | 5.0 oz/a 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | | 99.0 a | 81.3 b | 99.0 a | 99.0 a | 17.5 b | 99.0 a |
| 7 AUTHORITY MAXX ROUNDUP P-MAX CADET CLASS ACT NEXT GEN | 66 WG 5.5 SL 0.91 EC | 6.4 oz/a 32.0 oz/a 0.8 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 99.0 a | 57.5 c | 99.0 a | 99.0 a | 21.3 a | 99.0 a |
| 8 FIERCE ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 76 WG 5.5 SL 2 EC | 3.5 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 99.0 a | 97.0 a | 99.0 a | 99.0 a | 17.5 b | 99.0 a |
| 9 ZIDUA ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 85 WG 5.5 SL 2 SL | 2.75 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 99.0 a | 93.5 ab | 97.0 a | 99.0 a | 15.0 b | 99.0 a |
| 10 VERDICT ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 5.57 EC 5.5 SL 2 SL | 5.0 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 98.0 a | 56.3 c | 85.8 b | 95.5 b | 15.0 b | 99.0 a |
| 11 BROADAXE XC ROUNDUP P-MAX PREFIX CLASS ACT NEXT GEN | 7 EC 5.5 SL 5.29 SL | 25.0 oz/a 32.0 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 99.0 a | 91.3 ab | 99.0 a | 99.0 a | 16.3 b | 99.0 a |
| 12 BOUNDARY TOUCHDOWN TOTAL PREFIX CLASS ACT NEXT GEN | 6.5 SL 4.17 SL 5.29 SL | 24.0 oz/a 33.8 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | | 99.0 a | 92.5 ab | 99.0 a | 99.0 a | 15.0 b | 99.0 a |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | ANNUAL GRASS | AMAPA ----- | ANNUAL GRASS | DEDTO ----- | AMAPA ----- | DEDTO ----- | |
|---|--|-----------------------------|----------------------------|---|--|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------|
| | | | | | | CONTROL PERCENT Jun-15-15 | CONTROL PERCENT Jul-1-15 | CONTROL PERCENT Jul-1-15 | CONTROL PERCENT Jul-1-15 | CONTROL PERCENT Aug-31-15 | CONTROL PERCENT Aug-31-15 | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Unit | Grow Stg | Appl Code | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 5.5 3 1.88 | WG SL ME SL | 3.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| 2 | ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 5.5 3 1.88 | WG SL ME SL | 4.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| 3 | ROWEL WARRANT ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 3 5.5 3 1.88 | WG ME SL ME SL | 2.0 oz/a 48.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST POST | A A B B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| 4 | WARRANT REFLEX ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 3 2 5.5 2 | ME SL SL EC | 48.0 oz/a 16.0 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 98.0 a |
| 5 | WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 3 5.5 1.88 | ME SL SL | 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 98.0 ab | 99.0 a |
| 6 | AUTHORITY FIRST WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 70 3 5.5 1.88 | DF ME SL SL | 5.0 oz/a 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| 7 | AUTHORITY MAXX ROUNDUP P-MAX CADET CLASS ACT NEXT GEN | 66 5.5 0.91 | WG SL EC | 6.4 oz/a 32.0 oz/a 0.8 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 94.8 c | 99.0 a | 98.0 ab | 99.0 a |
| 8 | FIERCE ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 76 5.5 2 | WG SL EC | 3.5 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 96.0 bc | 99.0 a | 99.0 a | 99.0 a |
| 9 | ZIDUA ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 85 5.5 2 | WG SL SL | 2.75 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 98.0 ab | 99.0 a | 99.0 a | 98.0 a |
| 10 | VERDICT ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 5.57 5.5 2 | EC SL SL | 5.0 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 96.0 bc | 99.0 a | 97.0 b | 98.0 a |
| 11 | BROADAXE XC ROUNDUP P-MAX PREFIX CLASS ACT NEXT GEN | 7 5.5 5.29 | EC SL SL | 25.0 oz/a 32.0 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a | 99.0 a |
| 12 | BOUNDARY TOUCHDOWN TOTAL PREFIX CLASS ACT NEXT GEN | 6.5 4.17 5.29 | SL SL SL | 24.0 oz/a 33.8 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 99.0 a | 99.0 a | 98.0 ab | 99.0 a | 99.0 a | 99.0 a |

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| Weed Code | | | | | | ANNUAL | AMAPA | ANNUAL | DEDTO | AMAPA | DEDTO | |
|--------------------|--------------------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|----------|
| Crop Code | | | | | | GRASS | ----- | GRASS | ----- | ----- | ----- | |
| Part Rated | | | | | | | | | | | | |
| Rating Data Type | | | | | | CONTROL | CONTROL | CONTROL | CONTROL | CONTROL | CONTROL | |
| Rating Unit | | | | | | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT | |
| Rating Date | | | | | | Jun-15-15 | Jul-1-15 | Jul-1-15 | Jul-1-15 | Aug-31-15 | Aug-31-15 | |
| PRM Data Type | | | | | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Grow Stg | Appl Code | 13 | 14 | 15 | 16 | 17 | 18 |
| 13 | TRIVENCE | 61.3 | WG | 7.25 oz/a | PRE | A | 99.0 a | 99.0 a | 98.0 ab | 99.0 a | 99.0 a | 99.0 a |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | COBRA | 2 | EC | 10.0 oz/a | POST | B | | | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 14 | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 99.0 a | 99.0 a | 98.0 ab | 99.0 a | 99.0 a | 98.0 a |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | | | | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | | | | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | |
| 15 | NTC | | | | | | 0.0 b | 0.0 b | 0.0 d | 0.0 b | 0.0 c | 0.0 b |
| LSD | P=.10 | | | | | | . | . | 1.90 | . | 1.13 | 1.18 |
| Standard Deviation | | | | | | | 0.00 | 0.00 | 1.60 | 0.00 | 0.95 | 1.00 |
| CV | | | | | | | 0.0 | 0.0 | 1.75 | 0.0 | 1.03 | 1.08 |
| Grand Mean | | | | | | | 92.40 | 92.40 | 91.45 | 92.40 | 92.13 | 92.13 |
| Bartlett's X2 | | | | | | | 0.0 | 0.0 | 2.392 | 0.0 | 0.084 | 0.0 |
| P(Bartlett's X2) | | | | | | | . | . | 0.88 | . | 0.959 | . |
| Replicate F | | | | | | | 0.000 | 0.000 | 0.739 | 0.000 | 0.789 | 2.154 |
| Replicate Prob(F) | | | | | | | 1.0000 | 1.0000 | 0.5350 | 1.0000 | 0.5070 | 0.1078 |
| Treatment F | | | | | | | 0.000 | 0.000 | 1006.838 | 0.000 | 2883.719 | 2624.346 |
| Treatment Prob(F) | | | | | | | 1.0000 | 1.0000 | 0.0001 | 1.0000 | 0.0001 | 0.0001 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | ----- GLYMA PLOT - YIELD LBS Nov-17-15 - 2 | ----- GLYMA PLOT - MOISTURE PERCENT Nov-17-15 - 2 | ----- GLYMA PLOT - YIELD BU/A Nov-17-15 TY1 - 0 | |
|---|--|-----------------------------|----------------------------|---|--|--|---|--|--------|
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate Unit | Grow Stg | Appl Code | 19 | 20 | 21 |
| 1 | ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 5.5 3 1.88 | WG SL ME SL | 3.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | 9.98 a-d | 10.80 bc | 50 a-d |
| 2 | ROWEL ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 5.5 3 1.88 | WG SL ME SL | 4.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST POST | A B B B B | 9.52 a-d | 11.12 abc | 47 a-d |
| 3 | ROWEL WARRANT ROUNDUP P-MAX WARRANT FLEXSTAR CLASS ACT NEXT GEN | 51 3 5.5 3 1.88 | WG ME SL ME SL | 2.0 oz/a 48.0 oz/a 32.0 oz/a 48.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST POST | A A B B B B | 11.21 a | 10.91 bc | 56 ab |
| 4 | WARRANT REFLEX ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 3 2 5.5 2 | ME SL SL EC | 48.0 oz/a 16.0 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | 10.05 a-d | 12.85 a | 49 a-d |
| 5 | WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 3 5.5 1.88 | ME SL SL | 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 10.25 a-d | 10.82 bc | 51 a-d |
| 6 | AUTHORITY FIRST WARRANT ROUNDUP P-MAX FLEXSTAR CLASS ACT NEXT GEN | 70 3 5.5 1.88 | DF ME SL SL | 5.0 oz/a 48.0 oz/a 32.0 oz/a 17.0 oz/a 2.5 % v/v | PRE PRE POST POST POST | A A B B B | 10.52 a-d | 10.78 bc | 52 a-d |
| 7 | AUTHORITY MAXX ROUNDUP P-MAX CADET CLASS ACT NEXT GEN | 66 5.5 0.91 | WG SL EC | 6.4 oz/a 32.0 oz/a 0.8 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 9.91 a-d | 12.41 ab | 48 a-d |
| 8 | FIERCE ROUNDUP P-MAX COBRA CLASS ACT NEXT GEN | 76 5.5 2 | WG SL EC | 3.5 oz/a 32.0 oz/a 10.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 9.22 cd | 11.20 abc | 46 cd |
| 9 | ZIDUA ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 85 5.5 2 | WG SL SL | 2.75 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 9.28 bcd | 10.53 bc | 46 bcd |
| 10 | VERDICT ROUNDUP P-MAX ULTRA BLAZER CLASS ACT NEXT GEN | 5.57 5.5 2 | EC SL SL | 5.0 oz/a 32.0 oz/a 16.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 8.66 d | 10.83 bc | 43 d |
| 11 | BROADAXE XC ROUNDUP P-MAX PREFIX CLASS ACT NEXT GEN | 7 5.5 5.29 | EC SL SL | 25.0 oz/a 32.0 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 9.98 a-d | 10.76 bc | 50 a-d |
| 12 | BOUNDARY TOUCHDOWN TOTAL PREFIX CLASS ACT NEXT GEN | 6.5 4.17 5.29 | SL SL SL | 24.0 oz/a 33.8 oz/a 32.0 oz/a 2.5 % v/v | PRE POST POST POST | A B B B | 10.60 abc | 10.73 bc | 53 abc |

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| Weed Code | | | | | | ----- | ----- | ----- |
|--------------------|--------------------|------|------|-----------|------|-----------|-----------|-----------|
| Crop Code | | | | | | GLYMA | GLYMA | GLYMA |
| Part Rated | | | | | | PLOT - | PLOT - | PLOT - |
| Rating Data Type | | | | | | YIELD | MOISTURE | YIELD |
| Rating Unit | | | | | | LBS | PERCENT | BU/A |
| Rating Date | | | | | | Nov-17-15 | Nov-17-15 | Nov-17-15 |
| PRM Data Type | | | | | | | | TY1 |
| # Subsamples, Dec. | | | | | | - 2 | - 2 | - 0 |
| Trt | Treatment | Form | Form | Rate | Grow | Appl | | |
| No. | Name | Conc | Type | Rate | Stg | Code | 19 | 20 |
| 13 | TRIVENCE | 61.3 | WG | 7.25 oz/a | PRE | A | 11.19 ab | 9.99 c |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | 56 a |
| | COBRA | 2 | EC | 10.0 oz/a | POST | B | | |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | |
| 14 | WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 10.74 abc | 11.05 abc |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | | 53 abc |
| | WARRANT | 3 | ME | 48.0 oz/a | POST | B | | |
| | FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | |
| 15 | NTC | | | | | | 0.00 e | 0.00 d |
| | LSD P=.10 | | | | | | 1.611 | 1.650 |
| | Standard Deviation | | | | | | 1.354 | 1.387 |
| | CV | | | | | | 14.4 | 13.44 |
| | Grand Mean | | | | | | 9.406 | 10.319 |
| | Bartlett's X2 | | | | | | 18.643 | 76.964 |
| | P(Bartlett's X2) | | | | | | 0.135 | 0.001* |
| | Replicate F | | | | | | 0.625 | 0.332 |
| | Replicate Prob(F) | | | | | | 0.6027 | 0.8022 |
| | Treatment F | | | | | | 15.889 | 17.977 |
| | Treatment Prob(F) | | | | | | 0.0001 | 0.0001 |

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SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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

PRM Data Type

TY1 = $4.84 * [19] * (100 - [20]) / 87$

University of Georgia

SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
 Location: ATTAPULGUS Investigator: Eric P. Prostko

| Weed Code | | | | | | ----- | AMAPA | ANNUAL | IAQTA | MOLVE | |
|--------------------|--------------------|-----------|-----------|----------------|----------|----------------|-----------|-----------|-----------|-----------|------|
| Crop Code | | | | | | GLYMA | ----- | GRASS | ----- | ----- | |
| Part Rated | | | | | | PLANT - | | | | | |
| Rating Data Type | | | | | | STUNTING | CONTROL | CONTROL | CONTROL | CONTROL | |
| Rating Unit | | | | | | PERCENT | PERCENT | PERCENT | PERCENT | PERCENT | |
| Rating Date | | | | | | May-27-15 | May-27-15 | May-27-15 | May-27-15 | May-27-15 | |
| PRM Data Type | | | | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate Unit | Grow Stg | Appl Code Plot | 1 | 2 | 3 | 4 | 5 |
| 1 | ROWEL | 51 WG | | 3.0 oz/a | PRE | A 101 | 0.0 | 99.0 | 75.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 207 | 10.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | WARRANT | 3 ME | | 48.0 oz/a | POST | B 308 | 10.0 | 99.0 | 65.0 | 99.0 | 99.0 |
| | FLEXSTAR | 1.88 SL | | 17.0 oz/a | POST | B 404 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | |
| | | | | | | Mean = | 10.0 | 99.0 | 82.3 | 99.0 | 99.0 |
| 2 | ROWEL | 51 WG | | 4.0 oz/a | PRE | A 102 | 0.0 | 99.0 | 75.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 211 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | WARRANT | 3 ME | | 48.0 oz/a | POST | B 301 | 0.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | FLEXSTAR | 1.88 SL | | 17.0 oz/a | POST | B 406 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | |
| | | | | | | Mean = | 5.0 | 99.0 | 89.5 | 99.0 | 99.0 |
| 3 | ROWEL | 51 WG | | 2.0 oz/a | PRE | A 103 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | WARRANT | 3 ME | | 48.0 oz/a | PRE | A 206 | 20.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 312 | 20.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | WARRANT | 3 ME | | 48.0 oz/a | POST | B 402 | 20.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | FLEXSTAR | 1.88 SL | | 17.0 oz/a | POST | B | | | | | |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | |
| | | | | | | Mean = | 15.0 | 99.0 | 92.3 | 99.0 | 99.0 |
| 4 | WARRANT | 3 ME | | 48.0 oz/a | PRE | A 104 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | REFLEX | 2 SL | | 16.0 oz/a | PRE | A 202 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 309 | 10.0 | 99.0 | 85.0 | 85.0 | 99.0 |
| | COBRA | 2 EC | | 10.0 oz/a | POST | B 401 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | |
| | | | | | | Mean = | 7.5 | 99.0 | 94.5 | 95.5 | 99.0 |
| 5 | WARRANT | 3 ME | | 48.0 oz/a | PRE | A 105 | 0.0 | 95.0 | 75.0 | 0.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 214 | 0.0 | 99.0 | 65.0 | 0.0 | 99.0 |
| | FLEXSTAR | 1.88 SL | | 17.0 oz/a | POST | B 303 | 0.0 | 99.0 | 65.0 | 0.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B 414 | 0.0 | 99.0 | 75.0 | 0.0 | 99.0 |
| | | | | | | Mean = | 0.0 | 98.0 | 70.0 | 0.0 | 99.0 |
| 6 | AUTHORITY FIRST | 70 DF | | 5.0 oz/a | PRE | A 106 | 10.0 | 99.0 | 80.0 | 99.0 | 99.0 |
| | WARRANT | 3 ME | | 48.0 oz/a | PRE | A 203 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 307 | 10.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | FLEXSTAR | 1.88 SL | | 17.0 oz/a | POST | B 412 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | |
| | | | | | | Mean = | 10.0 | 99.0 | 91.0 | 99.0 | 99.0 |
| 7 | AUTHORITY MAXX | 66 WG | | 6.4 oz/a | PRE | A 107 | 20.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 210 | 20.0 | 99.0 | 50.0 | 99.0 | 99.0 |
| | CADET | 0.91 EC | | 0.8 oz/a | POST | B 314 | 20.0 | 99.0 | 65.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B 409 | 25.0 | 99.0 | 65.0 | 99.0 | 99.0 |
| | | | | | | Mean = | 21.3 | 99.0 | 67.5 | 99.0 | 99.0 |
| 8 | FIERCE | 76 WG | | 3.5 oz/a | PRE | A 108 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 215 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | COBRA | 2 EC | | 10.0 oz/a | POST | B 311 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B 410 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | Mean = | 12.5 | 99.0 | 99.0 | 99.0 | 99.0 |
| 9 | ZIDUA | 85 WG | | 2.75 oz/a | PRE | A 109 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 213 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 SL | | 16.0 oz/a | POST | B 306 | 20.0 | 99.0 | 90.0 | 99.0 | 95.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B 415 | 10.0 | 99.0 | 95.0 | 95.0 | 99.0 |
| | | | | | | Mean = | 15.0 | 99.0 | 94.8 | 98.0 | 98.0 |
| 10 | VERDICT | 5.57 EC | | 5.0 oz/a | PRE | A 110 | 20.0 | 99.0 | 50.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 SL | | 32.0 oz/a | POST | B 209 | 20.0 | 99.0 | 65.0 | 99.0 | 99.0 |
| | ULTRA BLAZER | 2 SL | | 16.0 oz/a | POST | B 302 | 10.0 | 99.0 | 50.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B 413 | 10.0 | 99.0 | 65.0 | 95.0 | 99.0 |
| | | | | | | Mean = | 15.0 | 99.0 | 57.5 | 98.0 | 99.0 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | | ----- GLYMA PLANT - STUNTING PERCENT May-27-15 | ----- AMAPA ----- CONTROL PERCENT May-27-15 | ANNUAL GRASS CONTROL PERCENT May-27-15 | IAQTA ----- CONTROL PERCENT May-27-15 | MOLVE ----- CONTROL PERCENT May-27-15 | | |
|---|--------------------|------|------|------|-------|------|---|--|--|---|---|------|------|
| Trt | Treatment | Form | Form | Rate | Grow | Appl | | | | | | | |
| No. | Name | Conc | Type | Rate | Unit | Stg | Code | Plot | 1 | 2 | 3 | 4 | 5 |
| 11 | BROADAXE XC | 7 | EC | 25.0 | oz/a | PRE | A | 111 | 10.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 205 | 10.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 310 | 15.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 403 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | | | Mean = | 13.8 | 99.0 | 93.3 | 99.0 | 99.0 |
| 12 | BOUNDARY | 6.5 | SL | 24.0 | oz/a | PRE | A | 112 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | TOUCHDOWN TOTAL | 4.17 | SL | 33.8 | oz/a | POST | B | 204 | 20.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 315 | 20.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 408 | 20.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | | | Mean = | 17.5 | 99.0 | 93.5 | 99.0 | 99.0 |
| 13 | TRIVENCE | 61.3 | WG | 7.25 | oz/a | PRE | A | 113 | 20.0 | 99.0 | 85.0 | 99.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 208 | 20.0 | 99.0 | 90.0 | 99.0 | 99.0 |
| | COBRA | 2 | EC | 10.0 | oz/a | POST | B | 313 | 25.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 405 | 25.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | | | | | | |
| | | | | | | | | Mean = | 22.5 | 99.0 | 92.3 | 99.0 | 99.0 |
| 14 | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 114 | 0.0 | 99.0 | 65.0 | 0.0 | 99.0 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 212 | 10.0 | 99.0 | 75.0 | 0.0 | 99.0 |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 305 | 0.0 | 99.0 | 65.0 | 0.0 | 99.0 |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 407 | 10.0 | 99.0 | 65.0 | 0.0 | 99.0 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | | | | | | |
| | | | | | | | | Mean = | 5.0 | 99.0 | 67.5 | 0.0 | 99.0 |
| 15 | NTC | | | | | | | 115 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 201 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 304 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 411 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | Mean = | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | ----- GLYMA PLANT - STUNTING PERCENT Jun-5-15 | AMAPA ----- CONTROL PERCENT Jun-5-15 | ANNUAL GRASS CONTROL PERCENT Jun-5-15 | IAQTA ----- CONTROL PERCENT Jun-5-15 | MOLVE ----- CONTROL PERCENT Jun-5-15 | ----- GLYMA LEAF - BURN PERCENT Jun-15-15 |
|---|------------------------|-------------------|-------------|--------------|--------|--|--|---|--|--|--|
| Trt Treatment No. Name | Form Form Conc Type | Rate Rate Unit | Grow Stg | Appl Code | Plot | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 ROWEL | 51 WG | 3.0 oz/a | PRE | A | 101 | 0.0 | 99.0 | 75.0 | 99.0 | 99.0 | 10.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 207 | 10.0 | 99.0 | 85.0 | 99.0 | 99.0 | 20.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 308 | 0.0 | 99.0 | 65.0 | 99.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 404 | 0.0* | 99.0 | 99.0 | 99.0 | 99.0 | 20.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 2.5 | 99.0 | 81.0 | 99.0 | 99.0 | 16.3 |
| 2 ROWEL | 51 WG | 4.0 oz/a | PRE | A | 102 | 5.0 | 99.0 | 85.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 211 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 | 20.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 301 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 406 | 0.0* | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 1.3 | 99.0 | 94.5 | 99.0 | 99.0 | 16.3 |
| 3 ROWEL | 51 WG | 2.0 oz/a | PRE | A | 103 | 5.0 | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 206 | 10.0 | 99.0 | 80.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 312 | 0.0 | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 402 | 0.0* | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | | | | | | | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 3.8 | 99.0 | 89.8 | 99.0 | 99.0 | 15.0 |
| 4 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 104 | 0.0 | 99.0 | 99.0 | 85.0 | 99.0 | 20.0 |
| REFLEX | 2 SL | 16.0 oz/a | PRE | A | 202 | 0.0 | 99.0 | 99.0 | 85.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 309 | 0.0 | 99.0 | 75.0 | 95.0 | 99.0 | 20.0 |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 401 | 0.0* | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 0.0 | 99.0 | 93.0 | 91.0 | 99.0 | 17.5 |
| 5 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 105 | 0.0 | 95.0 | 50.0 | 0.0 | 99.0 | 20.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 214 | 0.0 | 99.0 | 50.0 | 0.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 303 | 0.0 | 99.0 | 40.0 | 0.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 414 | 0.0 | 99.0 | 85.0 | 0.0 | 99.0 | 20.0 |
| | | | | | Mean = | 0.0 | 98.0 | 56.3 | 0.0 | 99.0 | 17.5 |
| 6 AUTHORITY FIRST | 70 DF | 5.0 oz/a | PRE | A | 106 | 15.0 | 99.0 | 90.0 | 99.0 | 99.0 | 20.0 |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 203 | 5.0 | 99.0 | 65.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 307 | 10.0 | 99.0 | 85.0 | 99.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 412 | 0.0 | 99.0 | 85.0 | 99.0 | 99.0 | 20.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 7.5 | 99.0 | 81.3 | 99.0 | 99.0 | 17.5 |
| 7 AUTHORITY MAXX | 66 WG | 6.4 oz/a | PRE | A | 107 | 20.0 | 99.0 | 65.0 | 99.0 | 99.0 | 20.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 210 | 10.0 | 99.0 | 50.0 | 99.0 | 99.0 | 25.0 |
| CADET | 0.91 EC | 0.8 oz/a | POST | B | 314 | 0.0 | 99.0 | 50.0 | 99.0 | 99.0 | 20.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 409 | 20.0 | 99.0 | 65.0 | 99.0 | 99.0 | 20.0 |
| | | | | | Mean = | 12.5 | 99.0 | 57.5 | 99.0 | 99.0 | 21.3 |
| 8 FIERCE | 76 WG | 3.5 oz/a | PRE | A | 108 | 10.0 | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 215 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 311 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 | 20.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 410 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 | 20.0 |
| | | | | | Mean = | 2.5 | 99.0 | 97.0 | 99.0 | 99.0 | 17.5 |
| 9 ZIDUA | 85 WG | 2.75 oz/a | PRE | A | 109 | 10.0 | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 213 | 10.0 | 99.0 | 90.0 | 95.0 | 99.0 | 15.0 |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 306 | 20.0 | 99.0 | 90.0 | 95.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 415 | 0.0 | 99.0 | 99.0 | 99.0 | 99.0 | 15.0 |
| | | | | | Mean = | 10.0 | 99.0 | 93.5 | 97.0 | 99.0 | 15.0 |
| 10 VERDICT | 5.57 EC | 5.0 oz/a | PRE | A | 110 | 30.0 | 99.0 | 50.0 | 95.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 209 | 30.0 | 99.0 | 60.0 | 99.0 | 99.0 | 20.0 |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 302 | 30.0 | 99.0 | 50.0 | 99.0 | 99.0 | 10.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 413 | 10.0 | 95.0 | 65.0 | 50.0 | 85.0 | 15.0 |
| | | | | | Mean = | 25.0 | 98.0 | 56.3 | 85.8 | 95.5 | 15.0 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | | ----- GLYMA PLANT - STUNTING PERCENT Jun-5-15 | AMAPA ----- CONTROL PERCENT Jun-5-15 | ANNUAL GRASS CONTROL PERCENT Jun-5-15 | IAQTA ----- CONTROL PERCENT Jun-5-15 | MOLVE ----- CONTROL PERCENT Jun-5-15 | ----- GLYMA LEAF - BURN PERCENT Jun-15-15 |
|---|--------------|--------------|--------------|-------------|--------------|--------|--|--|---|--|--|--|
| Trt Treatment No. Name | Form Conc | Form Type | Rate Rate | Grow Stg | Appl Code | Plot | 6 | 7 | 8 | 9 | 10 | 11 |
| 11 BROADAXE XC | 7 | EC | 25.0 oz/a | PRE | A | 111 | 0.0 | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 205 | 10.0 | 99.0 | 85.0 | 99.0 | 99.0 | 15.0 |
| PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | 310 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 403 | 0.0* | 99.0 | 95.0 | 99.0 | 99.0 | 20.0 |
| | | | | | | Mean = | 2.5 | 99.0 | 91.3 | 99.0 | 99.0 | 16.3 |
| 12 BOUNDARY | 6.5 | SL | 24.0 oz/a | PRE | A | 112 | 0.0 | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| TOUCHDOWN TOTAL | 4.17 | SL | 33.8 oz/a | POST | B | 204 | 20.0 | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | 315 | 0.0 | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 408 | 1.5* | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| | | | | | | Mean = | 5.4 | 99.0 | 92.5 | 99.0 | 99.0 | 15.0 |
| 13 TRIVENCE | 61.3 | WG | 7.25 oz/a | PRE | A | 113 | 10.0 | 99.0 | 80.0 | 99.0 | 99.0 | 20.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 208 | 20.0 | 99.0 | 85.0 | 99.0 | 99.0 | 15.0 |
| COBRA | 2 | EC | 10.0 oz/a | POST | B | 313 | 10.0 | 99.0 | 90.0 | 99.0 | 99.0 | 15.0 |
| WARRANT | 3 | ME | 48.0 oz/a | POST | B | 405 | 8.2* | 99.0 | 95.0 | 99.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | | Mean = | 12.0 | 99.0 | 87.5 | 99.0 | 99.0 | 16.3 |
| 14 WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 114 | 0.0 | 99.0 | 75.0 | 0.0 | 99.0 | 15.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 212 | 0.0 | 99.0 | 65.0 | 0.0 | 99.0 | 20.0 |
| WARRANT | 3 | ME | 48.0 oz/a | POST | B | 305 | 0.0 | 99.0 | 30.0 | 0.0 | 99.0 | 15.0 |
| FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | 407 | 0.0* | 99.0 | 85.0 | 0.0 | 99.0 | 15.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | | Mean = | 0.0 | 99.0 | 63.8 | 0.0 | 99.0 | 16.3 |
| 15 NTC | | | | | | 115 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 201 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 304 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 411 | 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 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | AMAPA ----- CONTROL PERCENT Jun-15-15 | ANNUAL GRASS CONTROL PERCENT Jun-15-15 | AMAPA ----- CONTROL PERCENT Jul-1-15 | ANNUAL GRASS CONTROL PERCENT Jul-1-15 | DEDTO ----- CONTROL PERCENT Jul-1-15 | AMAPA ----- CONTROL PERCENT Aug-31-15 |
|---|------------------------|-------------------|-------------|--------------|--------|---|--|--|---|--|---|
| Trt Treatment No. Name | Form Form Conc Type | Rate Rate Unit | Grow Stg | Appl Code | Plot | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 ROWEL | 51 WG | 3.0 oz/a | PRE | A | 101 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 207 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 308 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 404 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 2 ROWEL | 51 WG | 4.0 oz/a | PRE | A | 102 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 211 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 301 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 406 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 3 ROWEL | 51 WG | 2.0 oz/a | PRE | A | 103 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 206 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 312 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 402 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | | | | | | | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 4 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 104 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| REFLEX | 2 SL | 16.0 oz/a | PRE | A | 202 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 309 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 401 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 5 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 105 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 214 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 303 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 414 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 98.0 |
| 6 AUTHORITY FIRST | 70 DF | 5.0 oz/a | PRE | A | 106 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 203 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 307 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 412 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 7 AUTHORITY MAXX | 66 WG | 6.4 oz/a | PRE | A | 107 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 210 | 99.0 | 99.0 | 99.0 | 90.0 | 99.0 | 95.0 |
| CADET | 0.91 EC | 0.8 oz/a | POST | B | 314 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 409 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 94.8 | 99.0 | 98.0 |
| 8 FIERCE | 76 WG | 3.5 oz/a | PRE | A | 108 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 215 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 311 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 410 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 96.0 | 99.0 | 99.0 |
| 9 ZIDUA | 85 WG | 2.75 oz/a | PRE | A | 109 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 213 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 306 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 415 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 98.0 | 99.0 | 99.0 |
| 10 VERDICT | 5.57 EC | 5.0 oz/a | PRE | A | 110 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 209 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 95.0 |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 302 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 413 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 95.0 |
| | | | | | Mean = | 99.0 | 99.0 | 99.0 | 96.0 | 99.0 | 97.0 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | | AMAPA ----- CONTROL PERCENT Jun-15-15 | ANNUAL GRASS CONTROL PERCENT Jun-15-15 | AMAPA ----- CONTROL PERCENT Jul-1-15 | ANNUAL GRASS CONTROL PERCENT Jul-1-15 | DEDTO ----- CONTROL PERCENT Jul-1-15 | AMAPA ----- CONTROL PERCENT Aug-31-15 |
|---|--------------|--------------|--------------|-------------|--------------|--------|---|--|--|---|--|---|
| Trt Treatment No. Name | Form Conc | Form Type | Rate Rate | Grow Stg | Appl Code | Plot | 12 | 13 | 14 | 15 | 16 | 17 |
| 11 BROADAXE XC | 7 | EC | 25.0 oz/a | PRE | A | 111 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 205 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | 310 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 403 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| 12 BOUNDARY | 6.5 | SL | 24.0 oz/a | PRE | A | 112 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| TOUCHDOWN TOTAL | 4.17 | SL | 33.8 oz/a | POST | B | 204 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| PREFIX | 5.29 | SL | 32.0 oz/a | POST | B | 315 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | 408 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 98.0 | 99.0 | 99.0 |
| 13 TRIVENCE | 61.3 | WG | 7.25 oz/a | PRE | A | 113 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 208 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| COBRA | 2 | EC | 10.0 oz/a | POST | B | 313 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| WARRANT | 3 | ME | 48.0 oz/a | POST | B | 405 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 98.0 | 99.0 | 99.0 |
| 14 WARRANT | 3 | ME | 48.0 oz/a | PRE | A | 114 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ROUNDUP P-MAX | 5.5 | SL | 32.0 oz/a | POST | B | 212 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| WARRANT | 3 | ME | 48.0 oz/a | POST | B | 305 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| FLEXSTAR | 1.88 | SL | 17.0 oz/a | POST | B | 407 | 99.0 | 99.0 | 99.0 | 95.0 | 99.0 | 99.0 |
| CLASS ACT NEXT GEN | | | 2.5 % v/v | POST | B | | | | | | | |
| | | | | | | Mean = | 99.0 | 99.0 | 99.0 | 98.0 | 99.0 | 99.0 |
| 15 NTC | | | | | | 115 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 201 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 304 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 411 | 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 |

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| Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec. | | | | | | | DEDTO ----- CONTROL PERCENT Aug-31-15 | ----- GLYMA PLOT - YIELD LBS Nov-17-15 | ----- GLYMA PLOT - MOISTURE PERCENT Nov-17-15 | ----- GLYMA PLOT - YIELD BU/A Nov-17-15 TY1 |
|---|------------------------|-------------------|-------------|--------------|--------|------|---|---|--|---|
| Trt Treatment No. Name | Form Form Conc Type | Rate Rate Unit | Grow Stg | Appl Code | Plot | 18 | 19 | 20 | 21 | |
| 1 ROWEL | 51 WG | 3.0 oz/a | PRE | A | 101 | 99.0 | 8.51 | 11.17 | 42 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 207 | 99.0 | 10.49 | 10.43 | 52 | |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 308 | 99.0 | 9.57 | 10.59 | 48 | |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 404 | 99.0 | 11.33 | 11.02 | 56 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | |
| | | | | | Mean = | 99.0 | 9.98 | 10.80 | 50 | |
| 2 ROWEL | 51 WG | 4.0 oz/a | PRE | A | 102 | 99.0 | 10.13 | 11.55 | 50 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 211 | 99.0 | 9.75 | 10.61 | 48 | |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 301 | 99.0 | 6.06 | 11.64 | 30 | |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 406 | 99.0 | 12.13 | 10.69 | 60 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | |
| | | | | | Mean = | 99.0 | 9.52 | 11.12 | 47 | |
| 3 ROWEL | 51 WG | 2.0 oz/a | PRE | A | 103 | 99.0 | 10.22 | 10.70 | 51 | |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 206 | 99.0 | 11.42 | 10.99 | 57 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 312 | 99.0 | 11.15 | 10.76 | 55 | |
| WARRANT | 3 ME | 48.0 oz/a | POST | B | 402 | 99.0 | 12.06 | 11.20 | 60 | |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | | | | | | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | |
| | | | | | Mean = | 99.0 | 11.21 | 10.91 | 56 | |
| 4 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 104 | 99.0 | 11.76 | 11.16 | 58 | |
| REFLEX | 2 SL | 16.0 oz/a | PRE | A | 202 | 99.0 | 8.66 | 11.02 | 43 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 309 | 99.0 | 9.59 | 18.11 | 44 | |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 401 | 95.0 | 10.18 | 11.09 | 50 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | |
| | | | | | Mean = | 98.0 | 10.05 | 12.85 | 49 | |
| 5 WARRANT | 3 ME | 48.0 oz/a | PRE | A | 105 | 99.0 | 11.20 | 10.92 | 56 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 214 | 99.0 | 9.95 | 10.63 | 49 | |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 303 | 99.0 | 9.19 | 11.03 | 45 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 414 | 99.0 | 10.67 | 10.71 | 53 | |
| | | | | | Mean = | 99.0 | 10.25 | 10.82 | 51 | |
| 6 AUTHORITY FIRST | 70 DF | 5.0 oz/a | PRE | A | 106 | 99.0 | 11.01 | 10.72 | 55 | |
| WARRANT | 3 ME | 48.0 oz/a | PRE | A | 203 | 99.0 | 10.11 | 10.24 | 50 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 307 | 99.0 | 12.04 | 10.21 | 60 | |
| FLEXSTAR | 1.88 SL | 17.0 oz/a | POST | B | 412 | 99.0 | 8.91 | 11.95 | 44 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | | | | | | |
| | | | | | Mean = | 99.0 | 10.52 | 10.78 | 52 | |
| 7 AUTHORITY MAXX | 66 WG | 6.4 oz/a | PRE | A | 107 | 99.0 | 10.42 | 10.18 | 52 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 210 | 99.0 | 9.92 | 17.76 | 45 | |
| CADET | 0.91 EC | 0.8 oz/a | POST | B | 314 | 99.0 | 12.25 | 10.44 | 61 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 409 | 99.0 | 7.03 | 11.27 | 35 | |
| | | | | | Mean = | 99.0 | 9.91 | 12.41 | 48 | |
| 8 FIERCE | 76 WG | 3.5 oz/a | PRE | A | 108 | 99.0 | 10.10 | 11.08 | 50 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 215 | 99.0 | 9.12 | 11.60 | 45 | |
| COBRA | 2 EC | 10.0 oz/a | POST | B | 311 | 99.0 | 9.32 | 10.57 | 46 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 410 | 99.0 | 8.32 | 11.55 | 41 | |
| | | | | | Mean = | 99.0 | 9.22 | 11.20 | 46 | |
| 9 ZIDUA | 85 WG | 2.75 oz/a | PRE | A | 109 | 99.0 | 8.67 | 10.96 | 43 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 213 | 99.0 | 8.65 | 10.22 | 43 | |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 306 | 99.0 | 11.94 | 10.41 | 60 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 415 | 95.0 | 7.86 | 10.54 | 39 | |
| | | | | | Mean = | 98.0 | 9.28 | 10.53 | 46 | |
| 10 VERDICT | 5.57 EC | 5.0 oz/a | PRE | A | 110 | 99.0 | 10.96 | 10.69 | 54 | |
| ROUNDUP P-MAX | 5.5 SL | 32.0 oz/a | POST | B | 209 | 99.0 | 6.74 | 10.91 | 33 | |
| ULTRA BLAZER | 2 SL | 16.0 oz/a | POST | B | 302 | 99.0 | 8.36 | 11.51 | 41 | |
| CLASS ACT NEXT GEN | | 2.5 % v/v | POST | B | 413 | 95.0 | 8.56 | 10.21 | 43 | |
| | | | | | Mean = | 98.0 | 8.66 | 10.83 | 43 | |

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| Weed Code | | | | | | | DEDTO | ---- | ---- | ---- | | |
|--------------------|--------------------|------|------|------|-------|------|-----------|-----------|-----------|-----------|-------|----|
| Crop Code | | | | | | | ---- | GLYMA | GLYMA | GLYMA | | |
| Part Rated | | | | | | | CONTROL | PLOT - | PLOT - | PLOT - | | |
| Rating Data Type | | | | | | | PERCENT | YIELD | MOISTURE | YIELD | | |
| Rating Unit | | | | | | | PERCENT | LBS | PERCENT | BU/A | | |
| Rating Date | | | | | | | Aug-31-15 | Nov-17-15 | Nov-17-15 | Nov-17-15 | | |
| PRM Data Type | | | | | | | | | | TY1 | | |
| # Subsamples, Dec. | | | | | | | | - 2 | - 2 | - 0 | | |
| Trt | Treatment | Form | Form | Rate | Grow | Appl | | | | | | |
| No. | Name | Conc | Type | Rate | Unit | Stg | Code | Plot | 18 | 19 | 20 | 21 |
| 11 | BROADAXE XC | 7 | EC | 25.0 | oz/a | PRE | A | 111 | 99.0 | 10.32 | 10.72 | 51 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 205 | 99.0 | 10.16 | 10.52 | 51 |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 310 | 99.0 | 9.76 | 11.21 | 48 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 403 | 99.0 | 9.69 | 10.60 | 48 |
| | | | | | | | | Mean = | 99.0 | 9.98 | 10.76 | 50 |
| 12 | BOUNDARY | 6.5 | SL | 24.0 | oz/a | PRE | A | 112 | 99.0 | 10.85 | 11.34 | 54 |
| | TOUCHDOWN TOTAL | 4.17 | SL | 33.8 | oz/a | POST | B | 204 | 99.0 | 10.26 | 10.58 | 51 |
| | PREFIX | 5.29 | SL | 32.0 | oz/a | POST | B | 315 | 99.0 | 10.09 | 10.61 | 50 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | 408 | 99.0 | 11.18 | 10.39 | 56 |
| | | | | | | | | Mean = | 99.0 | 10.60 | 10.73 | 53 |
| 13 | TRIVENCE | 61.3 | WG | 7.25 | oz/a | PRE | A | 113 | 99.0 | 10.85 | 9.82 | 54 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 208 | 99.0 | 11.48 | 10.01 | 57 |
| | COBRA | 2 | EC | 10.0 | oz/a | POST | B | 313 | 99.0 | 10.06 | 10.26 | 50 |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 405 | 99.0 | 12.38 | 9.85 | 62 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | | | | | |
| | | | | | | | | Mean = | 99.0 | 11.19 | 9.99 | 56 |
| 14 | WARRANT | 3 | ME | 48.0 | oz/a | PRE | A | 114 | 99.0 | 11.51 | 11.40 | 57 |
| | ROUNDUP P-MAX | 5.5 | SL | 32.0 | oz/a | POST | B | 212 | 99.0 | 10.48 | 11.48 | 52 |
| | WARRANT | 3 | ME | 48.0 | oz/a | POST | B | 305 | 95.0 | 9.23 | 10.53 | 46 |
| | FLEXSTAR | 1.88 | SL | 17.0 | oz/a | POST | B | 407 | 99.0 | 11.72 | 10.78 | 58 |
| | CLASS ACT NEXT GEN | | | 2.5 | % v/v | POST | B | | | | | |
| | | | | | | | | Mean = | 98.0 | 10.74 | 11.05 | 53 |
| 15 | NTC | | | | | | | 115 | 0.0 | 0.00 | 0.00 | 0 |
| | | | | | | | | 201 | 0.0 | 0.00 | 0.00 | 0 |
| | | | | | | | | 304 | 0.0 | 0.00 | 0.00 | 0 |
| | | | | | | | | 411 | 0.0 | 0.00 | 0.00 | 0 |
| | | | | | | | | Mean = | 0.0 | 0.00 | 0.00 | 0 |

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SOYBEAN WEED CONTROL - I

Trial ID: SB-11-15 Study Dir.: MARK BRAXTON (2015-01-24-04)
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated

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

PRM Data Type

TY1 = $4.84 * [19] * (100 - [20]) / 87$