

Potential Antagonisms with Glyphosate for GAT Crops

Trial ID: SOY12-08
 Conducted: C-14 Campus

Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

Date Planted: _____ Row Spacing: 1 N
 Variety: No crop No. of Reps: 4
 Population: _____ % OM: 2.6
 Soil Type: Sandy Clay Loam pH: 6.3
 Plot Size: 10 X 30 FT Desig n: RANDOMIZED COMPLETE BLOCK

Tillage: 5/6/08- Soil Finished x 1

Crop and Weed Description

| Weed | Code | Common Name | Scientific Name |
|------|-------|----------------------------------|-----------------------------|
| 1. | SETFA | FOXTAIL, GIANT | SETARIA FABERI HERRM. |
| 2. | AMBEL | RAGWEED, COMMON | AMBROSIA ARTEMISII FOLIA L. |
| 3. | BRAKA | MUSTARD, WILD | BRASSICA KABER |
| 4. | ABUTH | VELVETLEAF | ABUTILON THEOPHRASTI MEDIK. |
| 5. | CHEAL | LAMBSQUARTERS, COMMON | CHENOPODIUM ALBUM L. |
| 6. | AMASS | REDROOT PIGWEED, POWELL AMARANTH | AMARANTHUS SP. |

Application Description

A
 Application Timing: POST
 Date Treated: 6/18/08
 Time Treated: 2:10 PM
 % Cloud Cover: 100
 Air Temp., Unit: 65 F
 % Relative Humidity: 58
 Wind Speed/Unit/Dir: 7 mph NW
 Soil Temp., Unit: 66 F
 Soil/Leaf Surface M: 5 5
 Soil Moist (1=w 5=d): 5

Weed Stage at Each Application

A
 Weed 1 Name: SETFA
 Height (In.): 6-12
 Stage (L): 2
 Weed 2 Name: AMBEL
 Height (In.): 3-7
 Stage (L): 4
 Weed 3 Name: BRAKA
 Height (In.): 9-13
 Stage (L): 4-6
 Weed 4 Name: ABUTH
 Height (In.): 3-5
 Stage (L): 3
 Weed 5 Name: CHEAL
 Height (In.): 1-7
 Stage (L): 6
 Weed 6 Name: AMASS
 Height (In.): 3-5
 Stage (L): 4-6

Weed Density (plants/sq. ft.)

| Date: | 1 | 2 | 3 | 4 | 5 |
|------------|---------|---------|---------|---------|---------|
| 7/25/08 | 7/25/08 | 7/25/08 | 7/25/08 | 7/25/08 | 7/25/08 |
| Weed Name: | CHEAL | ABUTH | ANGR | AMBEL | AMAPO |
| Density: | 2 | 2.625 | 58.75 | 6.125 | 0.625 |

Application Equipment

| Appl | Sprayer Type | Speed MPH | Nozzle Type | Nozzle Size | Nozzle Height | Nozzle Spacing | Boom Width | GPA | Carrier | PSI |
|------|--------------|-----------|-------------|-------------|---------------|----------------|------------|-----|---------|-----|
| A | Cub | 3.8 | AirMix | 11003 | 26 | 20 | 100 | 19 | water | 28 |

MSU Weed Science Research Program

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Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

| | | | | | | | | SETFA | CHEAL | AMBEL | AMARE | ABUTH |
|---------|--------------------|-----------|-----------|-------|------------|----------|-----------|---------|---------|---------|---------|---------|
| | | | | | | | | control | control | control | control | control |
| | | | | | | | | percent | percent | percent | percent | percent |
| | | | | | | | | 6/26/08 | 6/26/08 | 6/26/08 | 6/26/08 | 6/26/08 |
| | | | | | | | | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | |
| 1 | Untreated | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 2 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | 70 | 56 | 43 | 71 | 55 |
| 2 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 3 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | 92 | 80 | 61 | 97 | 73 |
| 3 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 4 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | 86 | 90 | 70 | 96 | 81 |
| 4 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 5 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | 96 | 91 | 69 | 98 | 86 |
| 5 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 6 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 84 | 98 | 93 | 98 | 89 |
| 6 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 7 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 84 | 94 | 84 | 98 | 86 |
| 7 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 7 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 8 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 63 | 77 | 72 | 93 | 81 |
| 8 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 8 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 9 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 91 | 93 | 83 | 98 | 85 |
| 9 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 9 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 10 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 92 | 99 | 87 | 99 | 91 |
| 10 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 10 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 11 | Classic | 25 | DF | 2 | oz/a | POST | A | 24 | 37 | 28 | 69 | 75 |
| 11 | Activator 90 | | L | 0.25 | % v/v | POST | A | | | | | |
| 11 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 12 | Classic | 25 | DF | 2 | oz/a | POST | A | 90 | 83 | 66 | 95 | 72 |
| 12 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 12 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 13 | Classic | 25 | DF | 2 | oz/a | POST | A | 88 | 84 | 64 | 98 | 75 |
| 13 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 13 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 14 | Classic | 25 | DF | 2 | oz/a | POST | A | 89 | 86 | 66 | 99 | 75 |
| 14 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 14 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 15 | Classic | 25 | DF | 2 | oz/a | POST | A | 94 | 89 | 70 | 99 | 85 |
| 15 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 15 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 16 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 89 | 83 | 64 | 98 | 68 |
| 16 | Activator 90 | | L | 0.25 | % v/v | POST | A | | | | | |
| 16 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |

MSU Weed Science Research Program

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Trial ID: SOY12-08
 Conducted: C-14 Campus

Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

| | | | | | | | | SETFA | CHEAL | AMBEL | AMARE | ABUTH |
|--------------------|--------------------|-----------|-----------|-------|------------|----------|-----------|---------|---------|---------|---------|---------|
| | | | | | | | | control | control | control | control | control |
| | | | | | | | | percent | percent | percent | percent | percent |
| | | | | | | | | 6/26/08 | 6/26/08 | 6/26/08 | 6/26/08 | 6/26/08 |
| | | | | | | | | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | |
| 17 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 90 | 86 | 63 | 96 | 72 |
| 17 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 17 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 18 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 92 | 83 | 74 | 97 | 80 |
| 18 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 18 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 19 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 92 | 86 | 65 | 99 | 79 |
| 19 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 19 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 20 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 96 | 96 | 79 | 99 | 85 |
| 20 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 20 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| LSD (P=.10) | | | | | | | | 22.4 | 19.8 | 19.5 | 16.2 | 14.3 |
| Standard Deviation | | | | | | | | 18.9 | 16.8 | 16.5 | 13.7 | 12.1 |
| CV | | | | | | | | 23.65 | 21.08 | 25.42 | 15.27 | 16.2 |

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Trial ID: SOY12-08
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Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

| | | | | | | | | BRAKA | AMARE | CHEAL | ABUTH | SETFA |
|---------|--------------------|-----------|-----------|-------|------------|----------|-----------|---------|---------|---------|---------|---------|
| | | | | | | | | control | control | control | control | control |
| | | | | | | | | percent | percent | percent | percent | percent |
| | | | | | | | | 6/26/08 | 7/9/08 | 7/9/08 | 7/9/08 | 7/9/08 |
| | | | | | | | | 8 DA-A | 21 DA-A | 21 DA-A | 21 DA-A | 21 DA-A |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | |
| 1 | Untreated | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 2 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | 33 | 99 | 80 | 84 | 100 |
| 2 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 3 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | 70 | 99 | 98 | 82 | 98 |
| 3 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 4 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | 80 | 100 | 99 | 100 | 100 |
| 4 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 5 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | 80 | 100 | 100 | 100 | 100 |
| 5 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 6 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 85 | 99 | 99 | 75 | 92 |
| 6 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 7 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 78 | 94 | 98 | 98 | 100 |
| 7 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 7 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 8 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 78 | 87 | 96 | 91 | 100 |
| 8 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 8 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 9 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 73 | 99 | 99 | 99 | 99 |
| 9 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 9 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 10 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 85 | 100 | 100 | 100 | 100 |
| 10 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 10 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 11 | Classic | 25 | DF | 2 | oz/a | POST | A | 60 | 74 | 30 | 54 | 28 |
| 11 | Activator 90 | | L | 0.25 | % v/v | POST | A | | | | | |
| 11 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 12 | Classic | 25 | DF | 2 | oz/a | POST | A | 68 | 99 | 87 | 84 | 99 |
| 12 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 12 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 13 | Classic | 25 | DF | 2 | oz/a | POST | A | 80 | 99 | 95 | 89 | 99 |
| 13 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 13 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 14 | Classic | 25 | DF | 2 | oz/a | POST | A | 75 | 100 | 94 | 94 | 100 |
| 14 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 14 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 15 | Classic | 25 | DF | 2 | oz/a | POST | A | 75 | 100 | 100 | 100 | 100 |
| 15 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 15 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 16 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 68 | 99 | 88 | 91 | 99 |
| 16 | Activator 90 | | L | 0.25 | % v/v | POST | A | | | | | |
| 16 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |

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 Conducted: C-14 Campus

Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

| | | | | | | | | BRAKA | AMARE | CHEAL | ABUTH | SETFA |
|--------------------|--------------------|-----------|-----------|-------|------------|----------|-----------|---------|---------|---------|---------|---------|
| Weed Code | | | | | | | | | | | | |
| Crop Code | | | | | | | | | | | | |
| Rating Data Type | | | | | | | | control | control | control | control | control |
| Rating Unit | | | | | | | | percent | percent | percent | percent | percent |
| Rating Date | | | | | | | | 6/26/08 | 7/9/08 | 7/9/08 | 7/9/08 | 7/9/08 |
| Trt-Eval Interval | | | | | | | | 8 DA-A | 21 DA-A | 21 DA-A | 21 DA-A | 21 DA-A |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | |
| 17 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 73 | 99 | 86 | 80 | 99 |
| 17 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | | | | |
| 17 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 18 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 80 | 99 | 87 | 85 | 99 |
| 18 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | | | | |
| 18 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 19 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 80 | 100 | 100 | 94 | 100 |
| 19 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | | | | |
| 19 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| 20 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 80 | 100 | 100 | 100 | 100 |
| 20 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | | | | |
| 20 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | | | | |
| LSD (P=.10) | | | | | | | | 16.8 | 15.0 | 7.8 | 21.9 | 4.8 |
| Standard Deviation | | | | | | | | 13.9 | 12.7 | 6.6 | 18.5 | 4.1 |
| CV | | | | | | | | 19.84 | 13.76 | 7.61 | 21.83 | 4.49 |

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 Investigator: Christy Sprague

| | | | |
|-------------------|--|---------|---------|
| Weed Code | | BRAKA | AMBEL |
| Crop Code | | | |
| Rating Data Type | | control | control |
| Rating Unit | | percent | percent |
| Rating Date | | 7/9/08 | 7/9/08 |
| Trt-Eval Interval | | 21 DA-A | 21 DA-A |

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | |
|---------|--------------------|-----------|-----------|-------|------------|----------|-----------|-----|-----|
| 1 | Untreated | | | | | | | 0 | 0 |
| 2 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | 95 | 80 |
| 2 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 3 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | 97 | 86 |
| 3 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 4 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | 100 | 90 |
| 4 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 5 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | 100 | 100 |
| 5 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 6 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 98 | 60 |
| 6 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 7 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 100 | 97 |
| 7 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | |
| 7 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 8 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 100 | 89 |
| 8 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | |
| 8 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 9 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 99 | 99 |
| 9 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | |
| 9 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 10 | Ignite 280 | 2.33 | SL | 22 | fl oz/a | POST | A | 100 | 100 |
| 10 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | |
| 10 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 11 | Classic | 25 | DF | 2 | oz/a | POST | A | 50 | 6 |
| 11 | Activator 90 | | L | 0.25 | % v/v | POST | A | | |
| 11 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 12 | Classic | 25 | DF | 2 | oz/a | POST | A | 93 | 79 |
| 12 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | |
| 12 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 13 | Classic | 25 | DF | 2 | oz/a | POST | A | 97 | 87 |
| 13 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | |
| 13 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 14 | Classic | 25 | DF | 2 | oz/a | POST | A | 100 | 100 |
| 14 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | |
| 14 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 15 | Classic | 25 | DF | 2 | oz/a | POST | A | 100 | 100 |
| 15 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | |
| 15 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 16 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 97 | 90 |
| 16 | Activator 90 | | L | 0.25 | % v/v | POST | A | | |
| 16 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |

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 Conducted: C-14 Campus

Study Dir.: Bethke, Sprague, Penner, Powell
 Investigator: Christy Sprague

| | | |
|-------------------|---------|---------|
| Weed Code | BRAKA | AMBEL |
| Crop Code | | |
| Rating Data Type | control | control |
| Rating Unit | percent | percent |
| Rating Date | 7/9/08 | 7/9/08 |
| Trt-Eval Interval | 21 DA-A | 21 DA-A |

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | |
|---------|--------------------|-----------|-----------|-------|------------|----------|-----------|----|-----|
| 17 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 93 | 79 |
| 17 | Roundup WeatherMax | 4.5 | SL | 5.5 | fl oz/a | POST | A | | |
| 17 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 18 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 99 | 80 |
| 18 | Roundup WeatherMax | 4.5 | SL | 7.26 | fl oz/a | POST | A | | |
| 18 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 19 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 98 | 95 |
| 19 | Roundup WeatherMax | 4.5 | SL | 11 | fl oz/a | POST | A | | |
| 19 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |
| 20 | Harmony SG | 50 | SG | 0.128 | oz/a | POST | A | 99 | 100 |
| 20 | Roundup WeatherMax | 4.5 | SL | 22 | fl oz/a | POST | A | | |
| 20 | Ammonium Sulfate | | DF | 17 | lb/100 gal | POST | A | | |

| | | |
|--------------------|-------|------|
| LSD (P=.10) | 13.5 | 15.6 |
| Standard Deviation | 11.3 | 13.2 |
| CV | 12.46 | 16.4 |