

MSU Weed Science Research Program

Encapsulated acetochlor in Roundup Ready sugarbeet

Trial ID: SB03-09BB Study Dir.: Sprague, Powell
Conducted: Bean & Beet Investigator: Christy Sprague

Date Planted: 4/16/2009 Row Spacing: 30 IN
Variety: Hilleshog 9042RR No. of Reps: 4
Population: 4 1/8" spacing % OM: 2.4
Soil Type: Silty Clay Loam pH: 7.9
Plot Size: 10 X 30 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: Fall moldboard plow followed by spring field cultivation (2X)
Fertilizer: Broadcast 125lb N

Crop and Weed Description

Table with 4 columns: Weed, Code, Common Name, Scientific Name. Row 1: CHEAL, LAMBSQUARTERS, COMMON, CHENOPODIUM ALBUM L. Row 2: BETVU, BEEET, SUGAR

Application Description

Table with 6 columns: Application Timing, Date Treated, Time Treated, % Cloud Cover, Air Temp., Unit, % Relative Humidity, Wind Speed/Unit/Dir, Soil Temp., Unit, Soil/Leaf Surface M, Soil Moist (1=w 5=d). Rows A-E

Crop Stage at Each Application

Table with 6 columns: Crop Name, Height (In.), Stage (L). Rows A-E

Weed Stage at Each Application

Table with 6 columns: Weed 1 Name, Height (In.), Stage (L). Rows A-E

Weed Density (plants/sq. ft.)

1
Date: 7/9/2009
Weed Name: CHEAL
Density: 5

Application Equipment

Table with 12 columns: Appl, Sprayer Type, Speed MPH, Nozzle Type, Nozzle Size, Nozzle Height, Nozzle Spacing, Boom Width, GPA, Carrier, PSI. Rows A-E

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Trial ID: SB03-09BB
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Investigator: Christy Sprague

| Weed Code | | | | | | | | BETVU | | CHEAL | | CHEAL | |
|--------------------|------------------|-----------|-----------|------|------------|----------|-----------|-----------|----|-----------|----|----------|----|
| Crop Code | | | | | | | | injury | | control | | injury | |
| Rating Data Type | | | | | | | | percent | | percent | | percent | |
| Rating Unit | | | | | | | | 5/21/2009 | | 5/29/2009 | | 6/3/2009 | |
| Rating Date | | | | | | | | 34 DA-A | | 42 DA-A | | 47 DA-A | |
| Trt-Eval Interval | | | | | | | | 0 | | 0 | | 0 | |
| # Subsamples, Dec. | | | | | | | | 0 | | 0 | | 0 | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 0 | 0 | 99 | 0 | 99 | 0 |
| 1 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 1 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 2 | MON 63413 | 3 | CS | 3 | pt/a | PRE | A | 11 | 6 | 99 | 1 | 99 | 0 |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 3 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | PRE | A | 64 | 45 | 99 | 50 | 99 | 18 |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 4 | MON 63413 | 3 | CS | 6 | pt/a | PRE | A | 6 | 4 | 99 | 0 | 99 | 0 |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 5 | MON 63413 | 3 | CS | 3 | pt/a | 2-LF | B | 3 | 1 | 99 | 0 | 99 | 0 |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 6 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 2-LF | B | 5 | 3 | 99 | 0 | 99 | 0 |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 7 | MON 63413 | 3 | CS | 6 | pt/a | 2-LF | B | 0 | 1 | 99 | 0 | 99 | 0 |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 8 | Untreated | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 0 | 0 | 99 | 0 | 99 | 0 |
| 9 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 9 | MON 63413 | 3 | CS | 3 | pt/a | 6-LF | D | | | | | | |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 9 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 0 | 0 | 99 | 9 | 99 | 0 |
| 10 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 10 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 6-LF | D | | | | | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 10 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |

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Trial ID: SB03-09BB
Conducted: Bean & Beet

Study Dir.: Sprague, Powell
Investigator: Christy Sprague

| Weed Code | | | | | | | | BETVU | | BETVU | | CHEAL | | CHEAL | |
|--------------------|------------------|-----------|-----------|------|------------|----------|-----------|-----------|-------|-----------|-------|-----------|-------|----------|--|
| Crop Code | | | | | | | | injury | | injury | | control | | injury | |
| Rating Data Type | | | | | | | | percent | | percent | | percent | | percent | |
| Rating Unit | | | | | | | | 5/21/2009 | | 5/29/2009 | | 5/29/2009 | | 6/3/2009 | |
| Rating Date | | | | | | | | 34 DA-A | | 42 DA-A | | 42 DA-A | | 47 DA-A | |
| Trt-Eval Interval | | | | | | | | 0 | | 0 | | 0 | | 0 | |
| # Subsamples, Dec. | | | | | | | | 0 | | 0 | | 0 | | 0 | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Unit | Grow Stg | Appl Code | | | | | | | | |
| 11 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 0 | 0 | 99 | 0 | 99 | 0 | | |
| 11 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | | | |
| 11 | MON 63413 | 3 | CS | 6 | pt/a | 6-LF | D | | | | | | | | |
| 11 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | | | |
| 11 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | | | |
| 12 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 0 | 0 | 99 | 2 | 99 | 0 | | |
| 12 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | | | |
| 12 | Outlook | 6 | L | 16 | fl oz/a | 6-LF | D | | | | | | | | |
| 12 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | | | |
| 12 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | | | |
| LSD (P=.05) | | | | | | | | 6.8 | 4.5 | 0.6 | 1.0 | 0.0 | 1.2 | | |
| Standard Deviation | | | | | | | | 4.7 | 3.1 | 0.4 | 0.7 | 0.0 | 0.8 | | |
| CV | | | | | | | | 63.58 | 62.36 | 0.46 | 13.71 | 0.0 | 57.14 | | |

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

MSU Weed Science Research Program

Encapsulated acetochlor in Roundup Ready sugarbeet

Trial ID: SB03-09BB
Conducted: Bean & BeetStudy Dir.: Sprague, Powell
Investigator: Christy Sprague

| Weed Code | CHEAL | CHEAL | CHEAL | BETVU | BETVU | BETVU | | | | | | | |
|--------------------|------------------|-----------|-----------|-----------|------------|-----------|-----------|----|----|----|-----|------|------|
| Crop Code | control | control | control | count | % sugar | yield | | | | | | | |
| Rating Data Type | percent | percent | percent | # / 100' | | ton/acre | | | | | | | |
| Rating Unit | 6/11/2009 | 6/22/2009 | 9/16/2009 | 9/18/2009 | 9/18/2009 | 9/18/2009 | | | | | | | |
| Rating Date | 55 DA-A | 66 DA-A | 152 DA-A | 154 DA-A | 154 DA-A | 154 DA-A | | | | | | | |
| Trt-Eval Interval | 0 | 0 | 0 | 0 | 1 | 1 | | | | | | | |
| # Subsamples, Dec. | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | | | | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 99 | 99 | 99 | 244 | 18.5 | 29.5 |
| 1 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 1 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 2 | MON 63413 | 3 | CS | 3 | pt/a | PRE | A | 99 | 99 | 99 | 204 | 19.6 | 28.7 |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 3 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | PRE | A | 99 | 99 | 99 | 198 | 19.3 | 26.4 |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 4 | MON 63413 | 3 | CS | 6 | pt/a | PRE | A | 99 | 99 | 99 | 201 | 19.1 | 28.5 |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | | | | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | | | | | |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | | | | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | | | | | |
| 5 | MON 63413 | 3 | CS | 3 | pt/a | 2-LF | B | 99 | 99 | 99 | 211 | 19.6 | 27.4 |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 6 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 2-LF | B | 99 | 99 | 99 | 214 | 19.4 | 27.5 |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 7 | MON 63413 | 3 | CS | 6 | pt/a | 2-LF | B | 99 | 99 | 99 | 212 | 19.4 | 26.8 |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | | | | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 8 | Untreated | | | | | | | 0 | 0 | 0 | 216 | 19.2 | 14.0 |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 99 | 99 | 99 | 213 | 19.3 | 27.6 |
| 9 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 9 | MON 63413 | 3 | CS | 3 | pt/a | 6-LF | D | | | | | | |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 9 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 99 | 99 | 99 | 235 | 19.9 | 29.0 |
| 10 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | | | | | |
| 10 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 6-LF | D | | | | | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | | | | | |
| 10 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | | | | | |

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Trial ID: SB03-09BB
Conducted: Bean & Beet

Study Dir.: Sprague, Powell
Investigator: Christy Sprague

| | | | | | | | | CHEAL | CHEAL | CHEAL | BETVU | BETVU | BETVU |
|--------------------|------------------|------|------|---------------|------|------|----|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | | | | | control | control | control | count | % sugar | yield |
| | | | | | | | | percent | percent | percent | # / 100' | | ton/acre |
| | | | | | | | | 6/11/2009 | 6/22/2009 | 9/16/2009 | 9/18/2009 | 9/18/2009 | 9/18/2009 |
| | | | | | | | | 55 DA-A | 66 DA-A | 152 DA-A | 154 DA-A | 154 DA-A | 154 DA-A |
| | | | | | | | | 0 | 0 | 0 | 0 | 1 | 1 |
| Trt | Treatment | Form | Form | Rate | Grow | Appl | | | | | | | |
| No. | Name | Conc | Type | Unit | Stg | Code | | | | | | | |
| 11 | Roundup PowerMax | 4 | L | 22 fl oz/a | 2-LF | B | 99 | 99 | 99 | 224 | 19.3 | 28.7 | |
| 11 | AMS | | WG | 17 lb/100 gal | 2-LF | B | | | | | | | |
| 11 | MON 63413 | 3 | CS | 6 pt/a | 6-LF | D | | | | | | | |
| 11 | Roundup PowerMax | 4 | L | 22 fl oz/a | 6-LF | D | | | | | | | |
| 11 | AMS | | WG | 17 lb/100 gal | 6-LF | D | | | | | | | |
| 12 | Roundup PowerMax | 4 | L | 22 fl oz/a | 2-LF | B | 99 | 99 | 99 | 230 | 19.3 | 30.4 | |
| 12 | AMS | | WG | 17 lb/100 gal | 2-LF | B | | | | | | | |
| 12 | Outlook | 6 | L | 16 fl oz/a | 6-LF | D | | | | | | | |
| 12 | Roundup PowerMax | 4 | L | 22 fl oz/a | 6-LF | D | | | | | | | |
| 12 | AMS | | WG | 17 lb/100 gal | 6-LF | D | | | | | | | |
| LSD (P=.05) | | | | | | | | 0.0 | 0.4 | 0.6 | 35.9 | 1.07 | 4.19 |
| Standard Deviation | | | | | | | | 0.0 | 0.3 | 0.4 | 24.9 | 0.74 | 2.90 |
| CV | | | | | | | | 0.0 | 0.32 | 0.46 | 11.5 | 3.84 | 10.74 |

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Trial ID: SB03-09BB
Conducted: Bean & BeetStudy Dir.: Sprague, Powell
Investigator: Christy Sprague

| Weed Code | Crop Code | Rating Data Type | Rating Unit | Rating Date | Trt-Eval Interval | # Subsamples, Dec. | BETVU RWST #/ ton 9/18/2009 154 DA-A 1 | BETVU RWSA #/ acre 9/18/2009 154 DA-A 0 | |
|-----------|------------------|------------------|-------------|-------------|-------------------|--------------------|---|--|------|
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Grow Stg | Appl Code | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 290.3 | 8588 |
| 1 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 1 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 1 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 2 | MON 63413 | 3 | CS | 3 | pt/a | PRE | A | 287.8 | 8257 |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | |
| 2 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | |
| 2 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | |
| 3 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | PRE | A | 285.9 | 7542 |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | |
| 3 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | |
| 3 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | |
| 4 | MON 63413 | 3 | CS | 6 | pt/a | PRE | A | 280.4 | 8005 |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 4-LF | C | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 4-LF | C | | |
| 4 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 8-LF | E | | |
| 4 | AMS | | WG | 17 | lb/100 gal | 8-LF | E | | |
| 5 | MON 63413 | 3 | CS | 3 | pt/a | 2-LF | B | 287.9 | 7882 |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 5 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 5 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 6 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 2-LF | B | 287.5 | 7907 |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 6 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 6 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 7 | MON 63413 | 3 | CS | 6 | pt/a | 2-LF | B | 284.0 | 7611 |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 7 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 7 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 8 | Untreated | | | | | | | 285.9 | 4007 |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 281.5 | 7755 |
| 9 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 9 | MON 63413 | 3 | CS | 3 | pt/a | 6-LF | D | | |
| 9 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 9 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 294.3 | 8522 |
| 10 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 10 | Dual Magnum | 7.62 | EC | 1.33 | pt/a | 6-LF | D | | |
| 10 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 10 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |

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Trial ID: SB03-09BB
Conducted: Bean & Beet

Study Dir.: Sprague, Powell
Investigator: Christy Sprague

Weed Code

| | | |
|--------------------|-----------|-----------|
| Crop Code | BETVU | BETVU |
| Rating Data Type | RWST | RWSA |
| Rating Unit | # / ton | # / acre |
| Rating Date | 9/18/2009 | 9/18/2009 |
| Trt-Eval Interval | 154 DA-A | 154 DA-A |
| # Subsamples, Dec. | 1 | 0 |

| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Unit | Grow Stg | Appl Code | | |
|---------|------------------|-----------|-----------|------|------------|----------|-----------|-------|------|
| 11 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 285.9 | 8185 |
| 11 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 11 | MON 63413 | 3 | CS | 6 | pt/a | 6-LF | D | | |
| 11 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 11 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |
| 12 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 2-LF | B | 280.4 | 8511 |
| 12 | AMS | | WG | 17 | lb/100 gal | 2-LF | B | | |
| 12 | Outlook | 6 | L | 16 | fl oz/a | 6-LF | D | | |
| 12 | Roundup PowerMax | 4 | L | 22 | fl oz/a | 6-LF | D | | |
| 12 | AMS | | WG | 17 | lb/100 gal | 6-LF | D | | |

| | | |
|--------------------|-------|--------|
| LSD (P=.05) | 11.14 | 1236.5 |
| Standard Deviation | 7.72 | 856.4 |
| CV | 2.7 | 11.08 |

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.