

University of Nebraska

Volunteer RR corn control in soybeans

Trial ID: L0738
Location: Havelock

Study Dir.: Kevin Horky
Investigator: Dr. Mark Bernards

GENERAL TRIAL INFORMATION

Study Director: Kevin Horky **Title:** Research Technician
Affiliation: University of Nebraska Lincoln
Postal Code: 68583
Investigator: Dr. Mark Bernards **Title:** Ext. Weed Specialist
Affiliation: University of Nebraska Lincoln
Postal Code: 68583

TRIAL LOCATION

City: Lincoln
State/Prov.: NE
Postal Code: 68583

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

CROP AND WEED DESCRIPTION

| Weed | Code | Common Name | Scientific Name |
|------|-------|------------------|----------------------|
| 1. | ABUTH | Velvetleaf | Abutilon theophrasti |
| 2. | AMAPA | Amaranth, Palmer | Amaranthus palmeri |
| 3. | HELAN | Common sunflower | Helianthus annuus |
| 4. | ZEAMX | Corn | Zea mays |

Crop 1: GLXMA SOYBEAN **Variety:** Asgrow 2703
Planting Date: 21/May/2007 **Planting Method:** planted
Rate: 180000 seeds/acre **Depth:** 1.25 in
Row Spacing: 30 in **Seed Bed:** coarse
Soil Temperature: 12 C **Soil Moisture:** good **Emergence Date:** 28/May/2007

SITE AND DESIGN

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: field
Tillage Type: conventional **Study Design:** RANDOMIZED COMPLETE BLOCK

MAINTENANCE

Field Prep./Maintenance: Field was disked once, then field cultivated once.

SOIL DESCRIPTION

% Sand: 6 **% OM:** 3.1 **Texture:** Silty clay loam
% Silt: 65 **pH:** 6.6 **Soil Name:** Sharpesburg
% Clay: 29 **CEC:** 31 **Fert. Level:** good

APPLICATION DESCRIPTION

| | A |
|-----------------------------|-------------|
| Application Date: | 27/Jun/2007 |
| Time of Day: | 10:30 am |
| Application Method: | Spray |
| Application Timing: | post |
| Applic. Placement: | BROFOL |
| Air Temp., Unit: | 87 F |
| % Relative Humidity: | 38 |
| Wind Velocity, Unit: | 3 mph |
| Dew Presence (Y/N): | n |
| Soil Temp., Unit: | 16 C |
| Soil Moisture: | good |
| % Cloud Cover: | 30 |

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CROP STAGE AT EACH APPLICATION

| A | |
|---------------------|-------|
| Crop 1 Code, Stage: | GLXMA |
| Stage Scale: | V 5 |
| Height, Unit: | 12 in |

WEED STAGE AT EACH APPLICATION

| A | |
|---------------------|-------|
| Weed 1 Code, Stage: | ABUTH |
| Stage Scale: | 8 in |
| Density, Unit: | 5 m2 |
| Weed 2 Code, Stage: | AMAPA |
| Stage Scale: | 8 in |
| Density, Unit: | 10 m2 |
| Weed 3 Code, Stage: | HELAN |
| Stage Scale: | 10 in |
| Density, Unit: | 5 m2 |
| Weed 4 Code, Stage: | ZEAMX |
| Stage Scale: | 17 in |
| Density, Unit: | 10 m2 |

APPLICATION EQUIPMENT

| A | |
|-----------------------|-----------|
| Appl. Equipment: | IH cub |
| Operating Pressure: | 30 |
| Nozzle Type: | Turbo Tee |
| Nozzle Size: | 110015 |
| Nozzle Spacing, Unit: | 15 in |
| Nozzles/Row: | 2 |
| Boom Length, Unit: | 10 ft |
| Boom Height, Unit: | 30 in |
| Ground Speed, Unit: | 3 mph |
| Carrier: | water |
| Spray Volume, Unit: | 15 gpa |
| Propellant: | air |

Trial Comments

Gowan protocol 07-03-7

Data requested

Corn injury 7,14, 28 DAT

Crop injury 7,14,28 DAT

Spray when corn in less than 12 inches

University of Nebraska

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Trial ID: L0738

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| Weed Code | | | | | ZEAMX | ABUTH | AMAPA | HELAN | | ZEAMX | |
|-------------------|--------------------|-------|-------|------|------------|------------|------------|------------|------------|-------------|----|
| Crop Code | | | | | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | | CONTROL | CONTROL | CONTROL | CONTROL | PHYGEN | CONTROL | |
| Rating Unit | | | | | % | % | % | % | % | % | |
| Rating Date | | | | | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 11/Jul/2007 | |
| Trt-Eval Interval | | | | | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 14 DA-A | |
| Trt | Treatment | Rate | Unit | Grow | | | | | | | |
| No. | Name | | | Stg | Plot | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 101 | 0 | 95 | 99 | 99 | 0 | 0 |
| | NIS | 0.125 | % v/v | post | 205 | 0 | 99 | 99 | 99 | 0 | 0 |
| | AMS | 2.5 | lb/a | post | 302 | 0 | 99 | 99 | 99 | 0 | 0 |
| | Mean = | | | | | 0 | 98 | 99 | 99 | 0 | 0 |
| 2 | Targa | 4 | oz/a | post | 102 | 30 | 95 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 206 | 30 | 95 | 95 | 99 | 0 | 85 |
| | NIS | 0.125 | % v/v | post | 301 | 60 | 99 | 99 | 99 | 0 | 95 |
| | AMS | 2.5 | lb/a | post | | | | | | | |
| Mean = | | | | | 40 | 96 | 98 | 99 | 99 | 0 | 88 |
| 3 | Targa | 4 | oz/a | post | 103 | 40 | 99 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 201 | 70 | 95 | 99 | 99 | 0 | 85 |
| | COC | 0.5 | % v/v | post | 305 | 40 | 99 | 99 | 99 | 0 | 90 |
| | AMS | 2.5 | lb/a | post | | | | | | | |
| Mean = | | | | | 50 | 98 | 99 | 99 | 99 | 0 | 87 |
| 4 | Targa | 5 | oz/a | post | 104 | 40 | 95 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 203 | 30 | 99 | 99 | 99 | 0 | 85 |
| | NIS | 0.125 | % v/v | post | 306 | 50 | 99 | 99 | 99 | 0 | 90 |
| | AMS | 2.5 | lb/a | post | | | | | | | |
| Mean = | | | | | 40 | 98 | 99 | 99 | 99 | 0 | 87 |
| 5 | Select | 4 | oz/a | post | 105 | 65 | 99 | 99 | 99 | 0 | 90 |
| | Roundup Weathermax | 22 | oz/a | post | 204 | 60 | 95 | 99 | 99 | 0 | 95 |
| | NIS | 0.125 | % v/v | post | 303 | 65 | 95 | 99 | 99 | 0 | 99 |
| | AMS | 2.5 | lb/a | post | | | | | | | |
| Mean = | | | | | 63 | 96 | 99 | 99 | 99 | 0 | 95 |
| 6 | Select Max | 6 | oz/a | post | 106 | 50 | 99 | 99 | 99 | 0 | 95 |
| | Roundup Weathermax | 22 | oz/a | post | 202 | 40 | 99 | 99 | 99 | 0 | 95 |
| | NIS | 0.125 | % v/v | post | 304 | 50 | 99 | 99 | 99 | 0 | 95 |
| | AMS | 2.5 | lb/a | post | | | | | | | |
| Mean = | | | | | 47 | 99 | 99 | 99 | 99 | 0 | 95 |

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| Weed Code | | | | | ABUTH | AMAPA | HELAN | | ZEAMX | |
|-------------------|--------------------|-------|-------|----------|-------------|-------------|-------------|-------------|-------------|----|
| Crop Code | | | | | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | | CONTROL | CONTROL | CONTROL | PHYGEN | CONTROL | |
| Rating Unit | | | | | % | % | % | % | % | |
| Rating Date | | | | | 11/Jul/2007 | 11/Jul/2007 | 11/Jul/2007 | 11/Jul/2007 | 18/Jul/2007 | |
| Trt-Eval Interval | | | | | 14 DA-A | 14 DA-A | 14 DA-A | 14 DA-A | 21 DA-A | |
| Trt No. | Treatment Name | Rate | Unit | Grow Stg | Plot | 7 | 8 | 9 | 10 | 11 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 101 | 95 | 99 | 99 | 0 | 0 |
| | NIS | 0.125 | % v/v | post | 205 | 99 | 99 | 99 | 0 | 0 |
| | AMS | 2.5 | lb/a | post | 302 | 99 | 99 | 99 | 0 | 0 |
| | | | | | Mean = | 98 | 99 | 99 | 0 | 0 |
| 2 | Targa | 4 | oz/a | post | 102 | 95 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 206 | 99 | 99 | 99 | 0 | 85 |
| | NIS | 0.125 | % v/v | post | 301 | 99 | 99 | 99 | 0 | 95 |
| | AMS | 2.5 | lb/a | post | | | | | | |
| | | | | | Mean = | 98 | 99 | 99 | 0 | 88 |
| 3 | Targa | 4 | oz/a | post | 103 | 99 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 201 | 99 | 99 | 99 | 0 | 85 |
| | COC | 0.5 | % v/v | post | 305 | 99 | 99 | 99 | 0 | 90 |
| | AMS | 2.5 | lb/a | post | | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 | 87 |
| 4 | Targa | 5 | oz/a | post | 104 | 99 | 99 | 99 | 0 | 85 |
| | Roundup Weathermax | 22 | oz/a | post | 203 | 99 | 99 | 99 | 0 | 85 |
| | NIS | 0.125 | % v/v | post | 306 | 99 | 99 | 99 | 0 | 90 |
| | AMS | 2.5 | lb/a | post | | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 | 87 |
| 5 | Select | 4 | oz/a | post | 105 | 99 | 99 | 99 | 0 | 90 |
| | Roundup Weathermax | 22 | oz/a | post | 204 | 99 | 99 | 99 | 0 | 95 |
| | NIS | 0.125 | % v/v | post | 303 | 99 | 99 | 99 | 0 | 99 |
| | AMS | 2.5 | lb/a | post | | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 | 95 |
| 6 | Select Max | 6 | oz/a | post | 106 | 99 | 99 | 99 | 0 | 95 |
| | Roundup Weathermax | 22 | oz/a | post | 202 | 99 | 99 | 99 | 0 | 95 |
| | NIS | 0.125 | % v/v | post | 304 | 99 | 99 | 99 | 0 | 95 |
| | AMS | 2.5 | lb/a | post | | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 | 95 |

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| Weed Code | | | | | ABUTH | AMAPA | HELAN | GLXMA | |
|-------------------|--------------------|-------|-------|----------|-------------|-------------|-------------|-------------|----|
| Crop Code | | | | | GLXMA | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | | CONTROL | CONTROL | CONTROL | PHYGEN | |
| Rating Unit | | | | | % | % | % | % | |
| Rating Date | | | | | 18/Jul/2007 | 18/Jul/2007 | 18/Jul/2007 | 18/Jul/2007 | |
| Trt-Eval Interval | | | | | 21 DA-A | 21 DA-A | 21 DA-A | 21 DA-A | |
| Trt No. | Treatment Name | Rate | Unit | Grow Stg | Plot | 12 | 13 | 14 | 15 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 101 | 95 | 99 | 99 | 0 |
| | NIS | 0.125 | % v/v | post | 205 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | 302 | 99 | 99 | 99 | 0 |
| | | | | | Mean = | 98 | 99 | 99 | 0 |
| 2 | Targa | 4 | oz/a | post | 102 | 95 | 99 | 99 | 0 |
| | Roundup Weathermax | 22 | oz/a | post | 206 | 99 | 99 | 99 | 0 |
| | NIS | 0.125 | % v/v | post | 301 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | | | | | |
| | | | | | Mean = | 98 | 99 | 99 | 0 |
| 3 | Targa | 4 | oz/a | post | 103 | 99 | 99 | 99 | 0 |
| | Roundup Weathermax | 22 | oz/a | post | 201 | 99 | 99 | 99 | 0 |
| | COC | 0.5 | % v/v | post | 305 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 |
| 4 | Targa | 5 | oz/a | post | 104 | 99 | 99 | 99 | 0 |
| | Roundup Weathermax | 22 | oz/a | post | 203 | 99 | 99 | 99 | 0 |
| | NIS | 0.125 | % v/v | post | 306 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 |
| 5 | Select | 4 | oz/a | post | 105 | 99 | 99 | 99 | 0 |
| | Roundup Weathermax | 22 | oz/a | post | 204 | 99 | 99 | 99 | 0 |
| | NIS | 0.125 | % v/v | post | 303 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 |
| 6 | Select Max | 6 | oz/a | post | 106 | 99 | 99 | 99 | 0 |
| | Roundup Weathermax | 22 | oz/a | post | 202 | 99 | 99 | 99 | 0 |
| | NIS | 0.125 | % v/v | post | 304 | 99 | 99 | 99 | 0 |
| | AMS | 2.5 | lb/a | post | | | | | |
| | | | | | Mean = | 99 | 99 | 99 | 0 |

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Study Dir.: Kevin Horky

Location: Havelock

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| Weed Code | | | | ZEAMX | ABUTH | AMAPA | HELAN | | ZEAMX | |
|--------------------|--------------------|-------|-----------|------------|------------|------------|------------|------------|-------------|---------|
| Crop Code | | | | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | CONTROL | CONTROL | CONTROL | CONTROL | PHYGEN | CONTROL | |
| Rating Unit | | | | % | % | % | % | % | % | |
| Rating Date | | | | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 5/Jul/2007 | 11/Jul/2007 | |
| Trt-Eval Interval | | | | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 8 DA-A | 14 DA-A | |
| Trt | Treatment | Rate | Rate Unit | Grow Stg | | | | | | |
| No. | Name | | | | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 0 b | 98 a | 99 a | 99 a | 0 a | 0 c |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 2 | Targa | 4 | oz/a | post | 40 a | 96 a | 98 a | 99 a | 0 a | 88 b |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 3 | Targa | 4 | oz/a | post | 50 a | 98 a | 99 a | 99 a | 0 a | 87 b |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | COC | 0.5 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 4 | Targa | 5 | oz/a | post | 40 a | 98 a | 99 a | 99 a | 0 a | 87 b |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 5 | Select | 4 | oz/a | post | 63 a | 96 a | 99 a | 99 a | 0 a | 95 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 6 | Select Max | 6 | oz/a | post | 47 a | 99 a | 99 a | 99 a | 0 a | 95 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| LSD (P=.05) | | | | | 20.9 | 3.9 | 1.7 | 0.0 | 0.0 | 4.5 |
| Standard Deviation | | | | | 11.5 | 2.1 | 0.9 | 0.0 | 0.0 | 2.5 |
| CV | | | | | 28.78 | 2.21 | 0.95 | 0.0 | 0.0 | 3.27 |
| Grand Mean | | | | | 40.0 | 97.44 | 98.78 | 99.0 | 0.0 | 75.22 |
| Bartlett's X2 | | | | | 5.925 | 0.0 | 0.0 | 0.0 | 0.0 | 1.283 |
| P(Bartlett's X2) | | | | | 0.205 | 1.00 | . | . | . | 0.733 |
| Replicate F | | | | | 0.597 | 0.769 | 1.000 | 0.000 | 0.000 | 6.615 |
| Replicate Prob(F) | | | | | 0.5687 | 0.4889 | 0.4019 | 1.0000 | 1.0000 | 0.0148 |
| Treatment F | | | | | 10.365 | 0.654 | 1.000 | 0.000 | 0.000 | 679.853 |
| Treatment Prob(F) | | | | | 0.0010 | 0.6659 | 0.4651 | 1.0000 | 1.0000 | 0.0001 |

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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

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| Weed Code | | | | ABUTH | AMAPA | HELAN | GLXMA | ZEAMX | ABUTH | |
|--------------------|--------------------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| Crop Code | | | | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | CONTROL | CONTROL | CONTROL | PHYGEN | CONTROL | CONTROL | |
| Rating Unit | | | | % | % | % | % | % | % | |
| Rating Date | | | | 11/Jul/2007 | 11/Jul/2007 | 11/Jul/2007 | 11/Jul/2007 | 18/Jul/2007 | 18/Jul/2007 | |
| Trt-Eval Interval | | | | 14 DA-A | 14 DA-A | 14 DA-A | 14 DA-A | 21 DA-A | 21 DA-A | |
| Trt No. | Treatment Name | Rate | Unit | Grow Stg | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 98 a | 99 a | 99 a | 0 a | 0 c | 98 a |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 2 | Targa | 4 | oz/a | post | 98 a | 99 a | 99 a | 0 a | 88 b | 98 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 3 | Targa | 4 | oz/a | post | 99 a | 99 a | 99 a | 0 a | 87 b | 99 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | COC | 0.5 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 4 | Targa | 5 | oz/a | post | 99 a | 99 a | 99 a | 0 a | 87 b | 99 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 5 | Select | 4 | oz/a | post | 99 a | 99 a | 99 a | 0 a | 95 a | 99 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| 6 | Select Max | 6 | oz/a | post | 99 a | 99 a | 99 a | 0 a | 95 a | 99 a |
| | Roundup Weathermax | 22 | oz/a | post | | | | | | |
| | NIS | 0.125 | % v/v | post | | | | | | |
| | AMS | 2.5 | lb/a | post | | | | | | |
| LSD (P=.05) | | | | 2.2 | 0.0 | 0.0 | 0.0 | 4.5 | 2.2 | |
| Standard Deviation | | | | 1.2 | 0.0 | 0.0 | 0.0 | 2.5 | 1.2 | |
| CV | | | | 1.21 | 0.0 | 0.0 | 0.0 | 3.27 | 1.21 | |
| Grand Mean | | | | 98.56 | 99.0 | 99.0 | 0.0 | 75.22 | 98.56 | |
| Bartlett's X2 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 1.283 | 0.0 | |
| P(Bartlett's X2) | | | | 1.00 | . | . | . | 0.733 | 1.00 | |
| Replicate F | | | | 2.500 | 0.000 | 0.000 | 0.000 | 6.615 | 2.500 | |
| Replicate Prob(F) | | | | 0.1317 | 1.0000 | 1.0000 | 1.0000 | 0.0148 | 0.1317 | |
| Treatment F | | | | 1.000 | 0.000 | 0.000 | 0.000 | 679.853 | 1.000 | |
| Treatment Prob(F) | | | | 0.4651 | 1.0000 | 1.0000 | 1.0000 | 0.0001 | 0.4651 | |

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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

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| Weed Code | | | | AMAPA | HELAN | | |
|--------------------|--------------------|-------|-------|-------------|-------------|-------------|-----|
| Crop Code | | | | GLXMA | GLXMA | GLXMA | |
| Rating Data Type | | | | CONTROL | CONTROL | PHYGEN | |
| Rating Unit | | | | % | % | % | |
| Rating Date | | | | 18/Jul/2007 | 18/Jul/2007 | 18/Jul/2007 | |
| Trt-Eval Interval | | | | 21 DA-A | 21 DA-A | 21 DA-A | |
| Trt No. | Treatment Name | Rate | Unit | Grow Stg | 13 | 14 | 15 |
| 1 | Roundup Weathermax | 22 | oz/a | post | 99 a | 99 a | 0 a |
| | NIS | 0.125 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| 2 | Targa | 4 | oz/a | post | 99 a | 99 a | 0 a |
| | Roundup Weathermax | 22 | oz/a | post | | | |
| | NIS | 0.125 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| 3 | Targa | 4 | oz/a | post | 99 a | 99 a | 0 a |
| | Roundup Weathermax | 22 | oz/a | post | | | |
| | COC | 0.5 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| 4 | Targa | 5 | oz/a | post | 99 a | 99 a | 0 a |
| | Roundup Weathermax | 22 | oz/a | post | | | |
| | NIS | 0.125 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| 5 | Select | 4 | oz/a | post | 99 a | 99 a | 0 a |
| | Roundup Weathermax | 22 | oz/a | post | | | |
| | NIS | 0.125 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| 6 | Select Max | 6 | oz/a | post | 99 a | 99 a | 0 a |
| | Roundup Weathermax | 22 | oz/a | post | | | |
| | NIS | 0.125 | % v/v | post | | | |
| | AMS | 2.5 | lb/a | post | | | |
| LSD (P=.05) | | | | 0.0 | 0.0 | 0.0 | |
| Standard Deviation | | | | 0.0 | 0.0 | 0.0 | |
| CV | | | | 0.0 | 0.0 | 0.0 | |
| Grand Mean | | | | 99.0 | 99.0 | 0.0 | |
| Bartlett's X2 | | | | 0.0 | 0.0 | 0.0 | |
| P(Bartlett's X2) | | | | . | . | . | |
| Replicate F | | | | 0.000 | 0.000 | 0.000 | |
| Replicate Prob(F) | | | | 1.0000 | 1.0000 | 1.0000 | |
| Treatment F | | | | 0.000 | 0.000 | 0.000 | |
| Treatment Prob(F) | | | | 1.0000 | 1.0000 | 1.0000 | |

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

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