

Evaluate weed control of Cheetah MAX programs on Liberty Link soybeans

Trial ID: 15 POSTSOY1 Location: G-6 WEST END Trial Year: 2015
Protocol ID: 15 POSTSOY1 Investigator: Dr. Mark M. Loux
Project ID: H 2015 110 OH Study Director: Bryan Reeb
Sponsor Contact: Bob Bruss, Nufarm

General Trial Information

Study Director: Bryan Reeb
Investigator: Dr. Mark M. Loux

Latitude of LL Corner °: 39.85958 N
Longitude of LL Corner °: 83.67619 W

Conducted Under GLP: No
Conducted Under GEP: No

Contacts

Study Director: Bryan Reeb
Investigator: Dr. Mark M. Loux

Crop Description

Crop 1: GLXMA Glycine max Soybean
Variety: Credenz 3841 LL
Description: Liberty Link

Planting Date: 5-4-2015
Planting Method: PLANTD planted
Planting Equipment: KINZE
Emergence Date: 5-11-2015

Planting Rate, Unit: 175000 S/A
Depth, Unit: 1 IN
Row Spacing, Unit: 15 IN
Soil Temperature, Unit: 63 F
Soil Moisture: GOOD good
Seed Bed: MEDIUM medium

Pest Description

- Pest 1 Type:** W **Code:** SETFA *Setaria faberi*
Common Name: Giant foxtail
- Pest 2 Type:** W **Code:** AMBTR *Ambrosia trifida*
Common Name: Giant ragweed
- Pest 3 Type:** W **Code:** AMARE *Amaranthus retroflexus*
Common Name: Redroot pigweed
- Pest 4 Type:** W **Code:** CHEAL *Chenopodium album*
Common Name: Common lambsquarters
- Pest 5 Type:** W **Code:** IPOHE *Ipomoea hederacea*
Common Name: Ivyleaf morningglory
- Pest 6 Type:** W **Code:** SIDSP *Sida spinosa*
Common Name: Prickly sida
- Pest 7 Type:** W **Code:** ABUTH *Abutilon theophrasti*
Common Name: velvetleaf
- Pest 8 Type:** W **Code:** AMBEL *Ambrosia artemisiifolia*
Common Name: Common ragweed
- Pest 9 Type:** W **Code:** SOLPT *Solanum ptycanthum*
Common Name: Eastern black nightshade
- Pest10 Type:** W **Code:** POLPY *Persicaria pensylvanica*
Common Name: Pennsylvania smartweed

Site and Design

Treated Plot Width: 10 FT
Treated Plot Length: 30 FT
Treated Plot Area: 300 FT2 **Treatments:** 8
Replications: 4
Site Type: FIELD field
Experimental Unit: 1 PLOT plot
Tillage Type: CONTIL conventional-till
Study Design: RACOBL Randomized Complete Block (RCB)

Soil Description

Description Name: G-6

% OM: 2.2

pH: 6.3

CEC: 13.6

Texture: SICL silty clay loam

Soil Name: Crosby

Fert. Level: G good

Soil Drainage: G good

Application Description

| | A | B | C |
|-------------------------------------|----------|--------------|-----------|
| Application Date: | 5-4-2015 | 5-28-2015 | 5-28-2015 |
| Appl. Start Time: | 3:00 PM | 8:50 AM | 12:45 PM |
| Appl. Stop Time: | 3:15 PM | 9:10 AM | 1:00 PM |
| Application Method: | SPRAY | SPRAY | SPRAY |
| Application Timing: | PRE | EPO 2-3" WDS | V3 |
| Application Placement: | BROSOI | BROFOL | BROFOL |
| Applied By: | DOBBELS | REEB | BARCLAY |
| Air Temperature, Unit: | 76 F | 69 F | 78 F |
| % Relative Humidity: | 46 | 75 | 60 |
| Wind Velocity, Unit: | 10 MPH | 2.5 MPH | 3 MPH |
| Wind Direction: | W | E | SSE |
| Dew Presence (Y/N): | N no | N no | N no |
| Soil Temperature, Unit: | 63 F | 66 F | 72 F |
| Soil Moisture: | DRY | DRY/MOIST | MOIST |
| % Cloud Cover: | 100 | 60 | 70 |
| Next Moisture Occurred On: | 5-5-2015 | 5-30-2015 | 5-30-2015 |
| Time to Next Moisture, Unit: | 1 DAY | 2 DAY | 2 DAY |

Crop Stage At Each Application

| | A | | B | | C | |
|---------------------------------|----------|------|----------|------|----------|------|
| Crop 1 Code, BBCH Scale: | GLXMA | BSOY | GLXMA | BSOY | GLXMA | BSOY |
| Stage Scale Used: | | | BBCH | | BBCH | |
| Stage Majority, Percent: | | | 13 | 100 | 13 | 100 |
| Height, Unit: | | | 5 | IN | 5 | IN |
| Height Minimum, Maximum: | | | 5 | 6 | 5 | 6 |

Pest Stage At Each Application

| | A | B | C |
|----------------------------------|----------|----------|----------|
| Pest 1 Code, Type, Scale: | SETFA W | SETFA W | SETFA W |
| Stage Majority, Percent: | 12 | 100 | 12 100 |
| Stage Minimum, Percent: | 12 | 100 | 12 100 |
| Stage Maximum, Percent: | 14 | 100 | 14 100 |
| Height, Unit: | 3 | IN | 4 IN |
| Height Minimum, Maximum: | 1 | 6 | 3 5 |
| Density, Unit: | 56.75 M2 | | |
| Pest 2 Code, Type, Scale: | AMBTR W | AMBTR W | AMBTR W |
| Stage Majority, Percent: | 14 | 100 | 14 100 |
| Stage Minimum, Percent: | 12 | 100 | 12 100 |
| Stage Maximum, Percent: | 16 | 100 | 16 100 |
| Height, Unit: | 3 | IN | 4 IN |
| Height Minimum, Maximum: | 1 | 5 | 1 5 |
| Density, Unit: | 1.75 M2 | | |
| Pest 3 Code, Type, Scale: | AMARE W | AMARE W | AMARE W |
| Stage Majority, Percent: | 12 | 100 | 12 100 |
| Stage Minimum, Percent: | 12 | 100 | 12 100 |
| Stage Maximum, Percent: | 14 | 100 | 14 100 |
| Height, Unit: | 1 | IN | 1 IN |
| Height Minimum, Maximum: | 1 | 2 | 1 2 |
| Density, Unit: | 24.25 M2 | | |
| Pest 4 Code, Type, Scale: | CHEAL W | CHEAL W | CHEAL W |
| Stage Majority, Percent: | 14 | 100 | 14 100 |
| Stage Minimum, Percent: | 14 | 100 | 14 100 |
| Stage Maximum, Percent: | 16 | 100 | 16 100 |
| Height, Unit: | 1 | IN | 1 IN |
| Height Minimum, Maximum: | 1 | 2 | 1 2 |
| Density, Unit: | 1 M2 | | |
| Pest 5 Code, Type, Scale: | IPOHE W | IPOHE W | IPOHE W |
| Stage Majority, Percent: | 12 | 100 | |
| Stage Minimum, Percent: | 12 | 100 | |
| Stage Maximum, Percent: | 14 | 100 | |
| Height, Unit: | 1 | IN | |
| Height Minimum, Maximum: | 1 | 2 | |
| Pest 6 Code, Type, Scale: | SIDSP W | SIDSP W | SIDSP W |
| Pest 7 Code, Type, Scale: | ABUTH W | ABUTH W | ABUTH W |
| Density, Unit: | 0.5 M2 | | |
| Pest 8 Code, Type, Scale: | AMBEL W | AMBEL W | AMBEL W |
| Pest 9 Code, Type, Scale: | SOLPT W | SOLPT W | SOLPT W |
| Pest10 Code, Type, Scale: | POLPY W | POLPY W | POLPY W |

Application Equipment

| | A | B | C |
|----------------------------------|-------------|--------------|--------------|
| Appl. Equipment: | 6' BACKPACK | 10' BACKPACK | 10' BACKPACK |
| Equipment Type: | BACCAI | BACCAI | BACCAI |
| Operation Pressure, Unit: | 44 PSI | 50 PSI | 50 PSI |
| Nozzle Type: | AIXR | AIXR | AIXR |
| Nozzle Size: | 11015 | 11015 | 11015 |
| Nozzle Spacing, Unit: | 18 IN | 18 IN | 18 IN |
| Nozzles/Row: | 4 | 6 | 6 |
| Boom Length, Unit: | 6.67 FT | 10 FT | 10 FT |
| Boom Height, Unit: | 20 IN | 20 IN | 20 IN |
| Ground Speed, Unit: | 3 MPH | 3 MPH | 3 MPH |
| Carrier: | WATER | WATER | WATER |
| Spray Volume, Unit: | 15 gal/ac | 15 gal/ac | 15 gal/ac |
| Mix Size, Unit: | 1 liters | 2 liters | 2 liters |
| Propellant: | COMCO2 | COMCO2 | COMCO2 |

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 Protocol ID: 15 POSTSOY1 Investigator: Dr. Mark M. Loux
 Project ID: H 2015 110 OH Study Director: Bryan Reeb
 Sponsor Contact: Bob Bruss, Nufarm

| Pest Type | | | | W Weed | W Weed | | | | |
|-------------------------------|---------------------|-----------------|-----------------|----------------|------------------|---------|---------|----------|----------|
| Pest Code | | | | SETFA | AMBTR | | | | |
| Pest Scientific Name | | | | Setaria faberi | Ambrosia trifida | | | | |
| Pest Name | | | | Giant foxtail | Giant ragweed | | | | |
| Crop Code | GLXMA | GLXMA | | | | | | | |
| BBCH Scale | BSOY | BSOY | | | | | | | |
| Crop Scientific Name | Glycine max | Glycine max | | | | | | | |
| Crop Name | Soybean | Soybean | | | | | | | |
| Crop Variety | Credenz 3841 LL | Credenz 3841 LL | | | | | | | |
| Description | LL | LL | | | | | | | |
| Part Rated | PLANT C | PLANT C | | | | | | | |
| Rating Date | 6-3-2015 | 6-9-2015 | | 6-9-2015 | 6-9-2015 | | | | |
| Rating Type | PHYGEN | PHYGEN | | CONTRO | CONTRO | | | | |
| Rating Unit | % | % | | % | % | | | | |
| Number of Subsamples | 1 | 1 | | 1 | 1 | | | | |
| Days After First/Last Applic. | 30 6 | 36 12 | | 36 12 | 36 12 | | | | |
| Plant-Eval Interval | 30 DP-1 | 36 DP-1 | | 36 DP-1 | 36 DP-1 | | | | |
| Days After Emergence | 23 DE-1 | 29 DE-1 | | 29 DE-1 | 29 DE-1 | | | | |
| Trt No. | Treatment Name | Other Rate | Other Rate Unit | Appl Code | Appl Description | 1 | 2 | 3 | 4 |
| 1 | UTC | | | | | 0.0 d | 0.0 e | 0.0 d | 0.0 b |
| 2 | Cheetah Max | 1 qt/a | | B | EPO - V3 | 8.3 a | 7.0 b | 72.5 c | 100.0 a |
| 2 | N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| 3 | Cheetah | 29 oz/a | | B | EPO - V3 | 4.3 bc | 3.5 d | 75.0 bc | 100.0 a |
| 3 | N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| 4 | Cheetah Max | 1 qt/a | | B | EPO - V3 | 9.5 a | 10.0 a | 75.0 bc | 100.0 a |
| 4 | Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| 5 | Cheetah | 29 oz/a | | B | EPO - V3 | 5.8 b | 4.5 cd | 85.0 a | 100.0 a |
| 5 | Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| 6 | Cheetah | 29 oz/a | | B | EPO - V3 | 8.5 a | 6.3 bc | 79.5 abc | 100.0 a |
| 6 | Dual II Magnum | 1.33 pt/a | | B | EPO - V3 | | | | |
| 7 | Satellite hydra cap | 1.5 pt/a | | A | PRE | 2.8 c | 0.0 e | 88.3 a | 100.0 a |
| 7 | Liberty | 29 oz/a | | C | 2-3" wds | | | | |
| 7 | N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| 8 | Satellite hydra cap | 1.5 pt/a | | A | PRE | 3.3 c | 0.5 e | 83.0 ab | 100.0 a |
| 8 | Interline | 29 oz/a | | C | 2-3" wds | | | | |
| 8 | N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | LSD P=.05 | | | | | 2.05 | 2.30 | 8.94 | . |
| | Standard Deviation | | | | | 1.39 | 1.56 | 6.08 | 0.00 |
| | CV | | | | | 26.35 | 39.33 | 8.71 | 0.0 |
| | Grand Mean | | | | | 5.28 | 3.97 | 69.78 | 87.50 |
| | Bartlett's X2 | | | | | 9.876 | 4.131 | 6.595 | 0.0 |
| | P(Bartlett's X2) | | | | | 0.13 | 0.389 | 0.253 | . |
| | Skewness | | | | | -0.016 | 0.4523 | -2.0403* | -2.3809* |
| | Kurtosis | | | | | -1.3335 | -1.0874 | 3.0492* | 3.9094* |
| | Replicate F | | | | | 3.287 | 0.081 | 0.515 | 0.000 |
| | Replicate Prob(F) | | | | | 0.0408 | 0.9695 | 0.6763 | 1.0000 |
| | Treatment F | | | | | 22.633 | 22.239 | 89.316 | 0.000 |
| | Treatment Prob(F) | | | | | 0.0001 | 0.0001 | 0.0001 | 1.0000 |

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.

Could not calculate LSD (% mean diff) for columns 4,12 because error mean square = 0.

| Trt No. | Treatment Name | Other Rate | Other Unit | Appl Code | Appl Description | 5 | 6 | 7 | 8 |
|---------|---------------------|------------|------------|-----------|------------------|----------|----------|---------|----------|
| 1 | UTC | | | | | 0.0 c | 0.0 c | 0.0 a | 0.0 c |
| 2 | Cheetah Max | 1 qt/a | | B | EPO - V3 | 73.8 ab | 65.0 a | 1.0 a | 71.3 b |
| 2 | N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| 3 | Cheetah | 29 oz/a | | B | EPO - V3 | 72.5 ab | 68.8 a | 0.8 a | 68.8 b |
| 3 | N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| 4 | Cheetah Max | 1 qt/a | | B | EPO - V3 | 72.5 ab | 68.8 a | 0.5 a | 75.0 ab |
| 4 | Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| 5 | Cheetah | 29 oz/a | | B | EPO - V3 | 82.0 a | 68.8 a | 1.3 a | 72.5 b |
| 5 | Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| 6 | Cheetah | 29 oz/a | | B | EPO - V3 | 75.8 ab | 65.0 a | 1.3 a | 76.3 ab |
| 6 | Dual II Magnum | 1.33 pt/a | | B | EPO - V3 | | | | |
| 7 | Satellite hydra cap | 1.5 pt/a | | A | PRE | 65.0 b | 55.0 b | 0.0 a | 82.5 a |
| 7 | Liberty | 29 oz/a | | C | 2-3" wds | | | | |
| 7 | N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| 8 | Satellite hydra cap | 1.5 pt/a | | A | PRE | 87.5 a | 65.0 a | 0.0 a | 75.0 ab |
| 8 | Interline | 29 oz/a | | C | 2-3" wds | | | | |
| 8 | N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | LSD P=.05 | | | | | 16.46 | 8.77 | 1.80 | 8.13 |
| | Standard Deviation | | | | | 11.19 | 5.97 | 1.22 | 5.53 |
| | CV | | | | | 16.93 | 10.46 | 205.97 | 8.48 |
| | Grand Mean | | | | | 66.13 | 57.03 | 0.59 | 65.16 |
| | Bartlett's X2 | | | | | 3.998 | 0.07 | 3.002 | 3.279 |
| | P(Bartlett's X2) | | | | | 0.677 | 1.00 | 0.557 | 0.773 |
| | Skewness | | | | | -1.4363* | -2.0141* | 2.1494* | -2.0824* |
| | Kurtosis | | | | | 1.5571 | 2.8531* | 4.3328* | 3.0562* |
| | Replicate F | | | | | 3.582 | 0.080 | 1.748 | 2.890 |
| | Replicate Prob(F) | | | | | 0.0310 | 0.9699 | 0.1879 | 0.0596 |
| | Treatment F | | | | | 24.234 | 61.940 | 0.809 | 92.927 |
| | Treatment Prob(F) | | | | | 0.0001 | 0.0001 | 0.5896 | 0.0001 |

| Trt No. | Treatment Name | Other Rate | Other Unit | Appl Code | Appl Description | 9 | 10 | 11 | 12 |
|---------|-----------------------|------------|------------|-----------|------------------|----------|----------|----------|--------|
| | 1 UTC | | | | | 0.0 b | 0.0 c | 0.0 b | 0.0 a |
| | 2 Cheetah Max | 1 qt/a | | B | EPO - V3 | 90.0 a | 70.0 b | 65.0 a | 0.0 a |
| | 2 N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| | 3 Cheetah | 29 oz/a | | B | EPO - V3 | 86.3 a | 75.0 ab | 60.0 a | 0.0 a |
| | 3 N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| | 4 Cheetah Max | 1 qt/a | | B | EPO - V3 | 97.5 a | 67.5 b | 57.5 a | 0.0 a |
| | 4 Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| | 5 Cheetah | 29 oz/a | | B | EPO - V3 | 90.0 a | 75.0 ab | 65.0 a | 0.0 a |
| | 5 Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| | 6 Cheetah | 29 oz/a | | B | EPO - V3 | 91.3 a | 67.5 b | 60.0 a | 0.0 a |
| | 6 Dual II Magnum | 1.33 pt/a | | B | EPO - V3 | | | | |
| | 7 Satellite hydra cap | 1.5 pt/a | | A | PRE | 92.5 a | 76.3 ab | 62.5 a | 0.0 a |
| | 7 Liberty | 29 oz/a | | C | 2-3" wds | | | | |
| | 7 N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | 8 Satellite hydra cap | 1.5 pt/a | | A | PRE | 92.5 a | 90.0 a | 65.0 a | 0.0 a |
| | 8 Interline | 29 oz/a | | C | 2-3" wds | | | | |
| | 8 N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | LSD P=.05 | | | | | 15.98 | 16.45 | 7.78 | . |
| | Standard Deviation | | | | | 10.87 | 11.19 | 5.29 | 0.00 |
| | CV | | | | | 13.59 | 17.17 | 9.73 | 0.0 |
| | Grand Mean | | | | | 80.00 | 65.16 | 54.38 | 0.00 |
| | Bartlett's X2 | | | | | 3.25 | 1.465 | 2.218 | 0.0 |
| | P(Bartlett's X2) | | | | | 0.777 | 0.962 | 0.696 | . |
| | Skewness | | | | | -1.9651* | -1.3465* | -2.0976* | . |
| | Kurtosis | | | | | 2.6659* | 1.3076 | 3.1324* | . |
| | Replicate F | | | | | 0.935 | 4.766 | 0.745 | 0.000 |
| | Replicate Prob(F) | | | | | 0.4415 | 0.0109 | 0.5375 | 1.0000 |
| | Treatment F | | | | | 35.713 | 23.799 | 70.149 | 0.000 |
| | Treatment Prob(F) | | | | | 0.0001 | 0.0001 | 0.0001 | 1.0000 |

| Trt No. | Treatment Name | Other Rate | Other Unit | Appl Code | Appl Description | 13 | 14 | 15 | 16 |
|---------|-----------------------|------------|------------|-----------|------------------|---------|----------|---------|----------|
| | 1 UTC | | | | | 0.0 d | 0.0 c | 0.0 c | 0.0 d |
| | 2 Cheetah Max | 1 qt/a | | B | EPO - V3 | 82.0 bc | 78.8 ab | 100.0 a | 95.0 a |
| | 2 N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| | 3 Cheetah | 29 oz/a | | B | EPO - V3 | 75.0 c | 73.8 ab | 95.0 a | 90.0 ab |
| | 3 N-pak ams | 1.5 qt/a | | B | EPO - V3 | | | | |
| | 4 Cheetah Max | 1 qt/a | | B | EPO - V3 | 87.5 ab | 90.0 a | 93.8 a | 75.0 bc |
| | 4 Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| | 5 Cheetah | 29 oz/a | | B | EPO - V3 | 96.3 a | 85.0 a | 100.0 a | 90.0 ab |
| | 5 Dual II Magnum | 1 pt/a | | B | EPO - V3 | | | | |
| | 6 Cheetah | 29 oz/a | | B | EPO - V3 | 97.5 a | 77.5 ab | 92.5 a | 75.0 bc |
| | 6 Dual II Magnum | 1.33 pt/a | | B | EPO - V3 | | | | |
| | 7 Satellite hydra cap | 1.5 pt/a | | A | PRE | 85.0 bc | 62.5 b | 70.0 b | 62.5 c |
| | 7 Liberty | 29 oz/a | | C | 2-3" wds | | | | |
| | 7 N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | 8 Satellite hydra cap | 1.5 pt/a | | A | PRE | 85.0 bc | 78.8 ab | 100.0 a | 80.0 ab |
| | 8 Interline | 29 oz/a | | C | 2-3" wds | | | | |
| | 8 N-pak ams | 1.5 qt/a | | C | 2-3" wds | | | | |
| | LSD P=.05 | | | | | 11.02 | 19.74 | 12.75 | 16.25 |
| | Standard Deviation | | | | | 7.49 | 13.43 | 8.67 | 11.05 |
| | CV | | | | | 9.85 | 19.66 | 10.65 | 15.58 |
| | Grand Mean | | | | | 76.03 | 68.28 | 81.41 | 70.94 |
| | Bartlett's X2 | | | | | 9.573 | 0.911 | 0.512 | 2.767 |
| | P(Bartlett's X2) | | | | | 0.144 | 0.989 | 0.916 | 0.837 |
| | Skewness | | | | | -1.897* | -1.3744* | -1.85* | -1.4746* |
| | Kurtosis | | | | | 2.5665* | 1.3602 | 2.154* | 1.47 |
| | Replicate F | | | | | 2.818 | 1.056 | 2.061 | 1.117 |
| | Replicate Prob(F) | | | | | 0.0639 | 0.3887 | 0.1361 | 0.3646 |
| | Treatment F | | | | | 71.075 | 18.328 | 62.736 | 30.515 |
| | Treatment Prob(F) | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 |

| Pest Type | W Weed | W Weed | W Weed | W Weed |
|-------------------------------|----------------|-----------------|-----------------|-----------------|
| Pest Code | SETFA | AMBTR | CHEAL | AMARE |
| Pest Scientific Name | Setaria faberi | Ambrosia trifi> | Chenopodium al> | Amaranthus ret> |
| Pest Name | Giant foxtail | Giant ragweed | Common lambsqu> | Redroot pigweed |
| Crop Code | | | | |
| BBCH Scale | | | | |
| Crop Scientific Name | | | | |
| Crop Name | | | | |
| Crop Variety | | | | |
| Description | | | | |
| Part Rated | | | | |
| Rating Date | 7-22-2015 | 7-22-2015 | 7-22-2015 | 7-22-2015 |
| Rating Type | CONTRO | CONTRO | CONTRO | CONTRO |
| Rating Unit | % | % | % | % |
| Number of Subsamples | 1 | 1 | 1 | 1 |
| Days After First/Last Applic. | 79 55 | 79 55 | 79 55 | 79 55 |
| Plant-Eval Interval | 79 DP-1 | 79 DP-1 | 79 DP-1 | 79 DP-1 |
| Days After Emergence | 72 DE-1 | 72 DE-1 | 72 DE-1 | 72 DE-1 |

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Project ID: H 2015 110 OH Study Director: Bryan Reeb
Sponsor Contact: Bob Bruss, Nufarm

Pest Type

W, Weed, G-BYRW7, G-WedStg = Weed or volunteer crop

Pest Code

SETFA, *Setaria faberi*, = US

AMBTR, *Ambrosia trifida*, = US

CHEAL, *Chenopodium album*, = US

AMARE, *Amaranthus retroflexus*, = US

Crop Code

GLXMA, BSOY, *Glycine max*, = US

Part Rated

PLANT = plant

C = Crop is Part Rated

Rating Type

PHYGEN = phytotoxicity - general / injury

CONTRO = control / burndown or knockdown

Rating Unit

% = percent

Plant-Eval Interval

30 DP-1 = 1 GLXMA 5-4-2015

36 DP-1 = 1 GLXMA 5-4-2015

52 DP-1 = 1 GLXMA 5-4-2015

79 DP-1 = 1 GLXMA 5-4-2015