

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

| | | |
|--|---------------------|-----------------------|
| Trial Status: F one-year/final Initiation Date: 5-5-15 Completion Date: 9-30-15 | | Trial Location |
| City: Belleville State/Prov.: Illinois IL Postal Code: 62221 | Country: USA | |

Objectives:
 Demonstrate crop tolerance and weed control efficacy with commercial corn herbicide programs including programs from DAS and AMVAC.

| | | |
|---|--|--|
| Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA | | Contacts Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu |
|---|--|--|

| | | |
|---|--|-------------------------|
| Crop 1: ZEAMD Zea mays indentata Dent corn Variety: DKC 63-33 BBCH Scale: BCOR Description: SS RIB | | Crop Description |
| Planting Rate, Unit: 30000 S/A Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN | Planting Date: 5-5-15 Planting Method: SEEDED | |

| | |
|--|--|
| Pest Description | |
| Pest 1 Type: W Code: SETFA Setaria faberi Herrm. Common Name: foxtail, giant | |
| Pest 2 Type: W Code: AMBTR Ambrosia trifida L. Common Name: ragweed, giant | |
| Pest 3 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common | |
| Pest 4 Type: W Code: ABUTH Abutilon theophrasti Medik. Common Name: velvetleaf | |

| Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 27 FT Total Plot Length: 27 FT | | Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: REDTIL reduced-till Study Design: RACOB L Randomized Complete Block (RCB) | | | | | | |
|--|---------------|---|------|----|-------|------|--|--|
| Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Previous Crop</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">ZEAMD</td> <td style="text-align: center;">2014</td> </tr> </tbody> </table> | No. | Previous Crop | Year | 1. | ZEAMD | 2014 | | |
| No. | Previous Crop | Year | | | | | | |
| 1. | ZEAMD | 2014 | | | | | | |

| Maintenance | | | | | |
|--|--|--------------------------|----|--|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Maintenance Product Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A</td> </tr> </tbody> </table> | No. | Maintenance Product Name | 1. | N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A | |
| No. | Maintenance Product Name | | | | |
| 1. | N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A | | | | |

| Soil Description | | | | | | | | | | |
|---|----------|----------|------|----|----|------|---|-----|------|--|
| Description Name: 01_2013 % OM: 2.5 Texture: SIL silt loam pH: 6 Soil Name: Winfield CEC: 6 | | | | | | | | | | |
| Additional Measured Elements | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Element</th> <th>Quantity</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">P1</td> <td style="text-align: center;">58</td> <td style="text-align: center;">lb/A</td> </tr> <tr> <td style="text-align: center;">K</td> <td style="text-align: center;">286</td> <td style="text-align: center;">lb/A</td> </tr> </tbody> </table> | Element | Quantity | Unit | P1 | 58 | lb/A | K | 286 | lb/A | |
| Element | Quantity | Unit | | | | | | | | |
| P1 | 58 | lb/A | | | | | | | | |
| K | 286 | lb/A | | | | | | | | |

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Moisture and Weather Conditions

Overall Moisture Conditions: ABONOR
Closest Weather Station: ICN - Belleville IL

Distance, Unit: 0.5 MI

| No. | Date | Amount | Unit | Type | Type Description | Interval | Unit | Min Temp | Max Temp | Temp Unit |
|-----|---------|--------|------|------|------------------|----------|------|----------|----------|-----------|
| 1. | 4-1-15 | | | | | 7 | DAY | 33 | 76 | F |
| 2. | 4-2-15 | 0.84 | IN | RAIN | rain | 2 | DAY | | | |
| 3. | 4-6-15 | 0.95 | IN | RAIN | rain | 4 | DAY | | | |
| 4. | 4-8-15 | | | | | 7 | DAY | 43 | 78 | F |
| 5. | 4-13-15 | 1.02 | IN | RAIN | rain | 1 | DAY | | | |
| 6. | 4-15-15 | | | | | 7 | DAY | 42 | 79 | F |
| 7. | 4-19-15 | 0.42 | IN | RAIN | rain | 1 | DAY | | | |
| 8. | 4-22-15 | | | | | 7 | DAY | 36 | 77 | F |
| 9. | 4-25-15 | 0.35 | IN | RAIN | rain | 1 | DAY | | | |
| 10. | 4-29-15 | | | | | 7 | DAY | 36 | 84 | F |
| 11. | 5-6-15 | | | | | 7 | DAY | 49 | 85 | F |
| 12. | 5-8-15 | 4.09 | IN | RAIN | rain | 4 | DAY | | | |
| 13. | 5-13-15 | | | | | 7 | DAY | 45 | 83 | F |
| 14. | 5-14-15 | 0.33 | IN | RAIN | rain | 4 | DAY | | | |
| 15. | 5-20-15 | | | | | 7 | DAY | 44 | 85 | F |
| 16. | 5-20-15 | 0.16 | IN | RAIN | rain | 1 | DAY | | | |
| 17. | 5-24-15 | 0.89 | IN | RAIN | rain | 1 | DAY | | | |
| 18. | 5-26-15 | 0.59 | IN | RAIN | rain | 2 | DAY | | | |
| 19. | 5-27-15 | | | | | 7 | DAY | 55 | 84 | F |
| 20. | 5-29-15 | 2.15 | IN | RAIN | rain | 2 | DAY | | | |
| 21. | 6-3-15 | | | | | 7 | DAY | 53 | 89 | F |
| 22. | 6-5-15 | 0.17 | IN | RAIN | rain | 1 | DAY | | | |
| 23. | 6-8-15 | 0.66 | IN | RAIN | rain | 1 | DAY | | | |
| 24. | 6-10-15 | | | | | 7 | DAY | 64 | 91 | F |
| 25. | 6-14-15 | 0.16 | IN | RAIN | rain | 1 | DAY | | | |
| 26. | 6-15-15 | 0.11 | IN | RAIN | rain | 1 | DAY | | | |
| 27. | 6-16-15 | 2.25 | IN | RAIN | rain | 1 | DAY | | | |
| 28. | 6-17-15 | | | | | 7 | DAY | 69 | 91 | F |
| 29. | 6-17-15 | 0.09 | IN | RAIN | rain | 1 | DAY | | | |
| 30. | 6-18-15 | 0.14 | IN | RAIN | rain | 1 | DAY | | | |
| 31. | 6-19-15 | 3.29 | IN | RAIN | rain | 1 | DAY | | | |
| 32. | 6-20-15 | 0.2 | IN | RAIN | rain | 2 | DAY | | | |
| 33. | 6-24-15 | | | | | 7 | DAY | 62 | 93 | F |
| 34. | 6-25-15 | 1.66 | IN | RAIN | rain | 2 | DAY | | | |
| 35. | 6-28-15 | 0.6 | IN | RAIN | rain | 2 | DAY | | | |
| 36. | 7-1-15 | | | | | 7 | DAY | 63 | 88 | F |
| 37. | 7-1-15 | 0.64 | IN | RAIN | rain | 2 | DAY | | | |
| 38. | 7-7-15 | 1.33 | IN | RAIN | rain | 2 | DAY | | | |
| 39. | 7-10-15 | 0.26 | IN | RAIN | rain | 1 | DAY | | | |
| 40. | 7-15-15 | | | | | 7 | DAY | 69 | 93 | F |
| 41. | 7-19-15 | 0.35 | IN | RAIN | rain | 2 | DAY | | | |
| 42. | 7-22-15 | | | | | 7 | DAY | 65 | 95 | F |
| 43. | 7-26-15 | 1.21 | IN | RAIN | rain | 3 | DAY | | | |
| 44. | 7-29-15 | | | | | 7 | DAY | 65 | 93 | F |
| 45. | 8-5-15 | | | | | 7 | DAY | 64 | 88 | F |
| 46. | 8-5-15 | 2.25 | IN | RAIN | rain | 1 | DAY | | | |
| 47. | 8-9-15 | 0.47 | IN | RAIN | rain | 1 | DAY | | | |
| 48. | 8-12-15 | | | | | 7 | DAY | 63 | 89 | F |
| 49. | 8-18-15 | 2.23 | IN | RAIN | rain | 2 | DAY | | | |
| 50. | 8-19-15 | | | | | 7 | DAY | 52 | 82 | F |
| 51. | 8-22-15 | 0.18 | IN | RAIN | rain | 1 | DAY | | | |

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|-----|---------|------|----|------|------|---|-----|----|----|---|
| 52. | 8-26-15 | | | | | 7 | DAY | 54 | 91 | F |
| 53. | 9-2-15 | | | | | 7 | DAY | 68 | 94 | F |
| 54. | 9-8-15 | 1.93 | IN | RAIN | rain | 2 | DAY | | | |
| 55. | 9-9-15 | | | | | 7 | DAY | 47 | 83 | F |
| 56. | 9-11-15 | 0.4 | IN | RAIN | rain | 1 | DAY | | | |
| 57. | 9-16-15 | | | | | 7 | DAY | 51 | 90 | F |
| 58. | 9-19-15 | 0.14 | IN | RAIN | rain | 1 | DAY | | | |
| 59. | 9-23-15 | | | | | 7 | DAY | 54 | 85 | F |
| 60. | 9-28-15 | 0.13 | IN | RAIN | rain | 1 | DAY | | | |

Application Description

| | A | B | C | D |
|-------------------------------------|--------|---------|---------|--------|
| Application Date: | 5-7-15 | 5-21-15 | 5-29-15 | 6-4-15 |
| Appl. Start Time: | 7:00 | 15:00 | 8:00 | 9:30 |
| Appl. Stop Time: | 7:30 | 15:30 | 8:30 | 10:00 |
| Application Method: | Spray | Spray | Spray | Spray |
| Application Timing: | PRE | V2 | 2-4"W | 4-6"W |
| Application Placement: | BROSOI | BROFOL | BROFOL | BROFOL |
| Applied By: | LXF | RFK | RFK | RFK |
| Air Temperature, Unit: | 73 F | 62 F | 77 F | 73 F |
| % Relative Humidity: | 59 | 50 | 85 | 82 |
| Wind Velocity, Unit: | 2 MPH | 1 MPH | 1 MPH | 1 MPH |
| Wind Direction: | S | NW | S | S |
| Dew Presence (Y/N): | N | N | N | N |
| Soil Temperature, Unit: | 63 F | 62 F | 70 F | 68 F |
| Soil Moisture: | NORMAL | ABONOR | ABONOR | ABONOR |
| % Cloud Cover: | 15 | 25 | 25 | 75 |
| Next Moisture Occurred On: | 5-8-15 | 5-24-15 | 5-29-15 | 6-5-15 |
| Time to Next Moisture, Unit: | 25 HR | 3 DAY | 6 HR | 20 HR |

Crop Stage At Each Application

| | A | B | C | D |
|---------------------------------|-------|-------|-------|-------|
| Crop 1 Code, BBCH Scale: | ZEAMD | ZEAMD | ZEAMD | ZEAMD |
| Stage Scale Used: | DESC | DESC | DESC | DESC |
| Stage Majority, Percent: | NA | V2 | V4 | V5 |
| Stage Minimum, Percent: | | V2 | V4 | V5 |
| Stage Maximum, Percent: | | V2 | V4 | V5 |
| Height, Unit: | | 4 IN | 8 IN | 12 IN |
| Height Minimum, Maximum: | | 3 4 | 6 8 | 10 12 |

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| Pest Stage At Each Application | | | | |
|----------------------------------|---------|----------|----------|-----------|
| | A | B | C | D |
| Pest 1 Code, Type, Scale: | SETFA W | SETFA W | SETFA W | SETFA W |
| Stage Majority, Percent: | NA | 2 | NA | NA |
| Stage Minimum, Percent: | | COTY | | |
| Stage Maximum, Percent: | | 2 | | |
| Height, Unit: | | 1 IN | | |
| Height Minimum, Maximum: | | 0.25 1 | | |
| Density, Unit: | | 0.01 FT2 | | |
| Pest 2 Code, Type, Scale: | AMBTR W | AMBTR W | AMBTR W | AMBTR W |
| Stage Majority, Percent: | NA | 4 | 4 | 6 |
| Stage Minimum, Percent: | | 4 | 2 | 5 |
| Stage Maximum, Percent: | | 5 | 8 | 6 |
| Height, Unit: | | 1 IN | 2 IN | 4 IN |
| Height Minimum, Maximum: | | 0.25 2 | 2 3 | 2 6 |
| Density, Unit: | | 0.01 FT2 | 0.01 FT2 | 0.1 FT2 |
| Pest 3 Code, Type, Scale: | AMATA W | AMATA W | AMATA W | AMATA W |
| Stage Majority, Percent: | NA | 2 | NA | 2 |
| Stage Minimum, Percent: | | 2 | | 2 |
| Stage Maximum, Percent: | | 4 | | 4 |
| Height, Unit: | | 0.5 IN | | 0.5 IN |
| Height Minimum, Maximum: | | 0.25 0.5 | | 0.25 0.5 |
| Density, Unit: | | 0.01 FT2 | | 0.001 FT2 |
| Pest 4 Code, Type, Scale: | ABUTH W | ABUTH W | ABUTH W | ABUTH W |
| Stage Majority, Percent: | NA | 4 | 4 | 4 |
| Stage Minimum, Percent: | | 2 | 2 | 2 |
| Stage Maximum, Percent: | | 4 | 4 | 4 |
| Height, Unit: | | 1 IN | 2 IN | 2 IN |
| Height Minimum, Maximum: | | 0.25 1 | 2 3 | 1 2 |
| Density, Unit: | | 0.01 FT2 | 0.01 FT2 | 0.01 FT2 |

| Application Equipment | | | | |
|----------------------------------|-------------|-------------|-------------|-------------|
| | A | B | C | D |
| Appl. Equipment: | CO2 sprayer | CO2 sprayer | CO2 sprayer | CO2 sprayer |
| Equipment Type: | BACSPR | BACSPR | BACSPR | BACSPR |
| Operation Pressure, Unit: | 30 PSI | 30 PSI | 30 PSI | 30 PSI |
| Nozzle Type: | XR | XR | XR | XR |
| Nozzle Size: | 8002 | 8002 | 8002 | 8002 |
| Boom Length, Unit: | 7.5 FT | 7.5 FT | 7.5 FT | 7.5 FT |
| Spray Volume, Unit: | 15 GPA | 15 GPA | 15 GPA | 15 GPA |

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| Pest Code | Crop Code | Rating Date | Rating Type | Rating Unit | Rating Timing | Trt-Eval Interval | | | | | | | | |
|-----------|------------------|-------------|-------------|----------------|---------------|-------------------|-----------------|--------------|-----------|--------------------------------|------------------------------|--------------------------|-------------------------------------|---|
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Rate Unit | Other Rate | Other Rate Unit | Growth Stage | Appl Code | ZEAMD 9-30-15 Moisture Percent | ZEAMD 9-30-15 Test wt. lb/bu | ZEAMD 9-30-15 Yield bu/A | ZEAMD 5-14-15 Injury Percent 7 DA-A | ZEAMD 5-21-15 Injury Percent 0 DA-B 14 DA-A |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | | PRE | A | 20.3 a | 55.7 d | 128 bc | 0 a | 0 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 4-6"W | D | | | | | |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | | PRE | A | 19.9 a | 55.8 cd | 156 ab | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 4-6"W | D | | | | | |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | | PRE | A | 19.5 a | 56.0 a-d | 119 bc | 0 a | 0 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 4-6"W | D | | | | | |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | | PRE | A | 20.0 a | 55.8 bcd | 140 abc | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 4-6"W | D | | | | | |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | | PRE | A | 20.0 a | 55.9 bcd | 175 a | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | | PRE | A | | | | | |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | | 4-6"W | D | | | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 4-6"W | D | | | | | |
| 6 | NONTREATED | | | | | | | | | | | 14 d | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | | PRE | A | 19.0 a | 56.3 a | 132 bc | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 2-4"W | C | | | | | |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | | PRE | A | 19.4 a | 56.1 abc | 120 bc | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | | 2-4"W | C | | | | | |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 2-4"W | C | | | | | |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | | PRE | A | 19.3 a | 56.1 ab | 129 bc | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | | 2-4"W | C | | | | | |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | 2-4"W | C | | | | | |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | | V2 | B | 19.2 a | 56.1 ab | 109 c | | |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | | V2 | B | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | | V2 | B | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | | V2 | B | | | | | |

Means followed by same letter do not significantly differ (P=0.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=6,7,9
 Could not calculate LSD (% mean diff) for columns 10,11,12,17,22,27,32,13,18,23,28,33,15,20,25,21 because error mean square = 0.

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| Pest Code | | | | | | | | ZEAMD | ZEAMD | ZEAMD | ZEAMD | ZEAMD | |
|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|-----------|---------|----------|---------|--|
| Crop Code | | | | | | | | 9-30-15 | 9-30-15 | 9-30-15 | 5-14-15 | 5-21-15 | |
| Rating Date | | | | | | | | Moisture | Test wt. | Yield | Injury | Injury | |
| Rating Type | | | | | | | | Percent | lb/bu | bu/A | Percent | Percent | |
| Rating Unit | | | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | 7 DA-A | 0 DA-B | |
| Trt-Eval Interval | | | | | | | | | | | | 14 DA-A | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Unit Unit | Other Rate | Other Rate | Growth Unit | Appl Code | | | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | 19.4 a | 56.1 abc | 142 abc | |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | | |
| LSD P=.05 | | | | | | | | 0.90 | 0.35 | 36.6 | | | |
| Standard Deviation | | | | | | | | 0.61 | 0.24 | 25.0 | 0.0 | 0.0 | |
| CV | | | | | | | | 3.1 | 0.42 | 20.2 | 0.0 | 0.0 | |
| Replicate F | | | | | | | | 0.968 | 1.316 | 3.573 | 0.000 | 0.000 | |
| Replicate Prob(F) | | | | | | | | 0.4274 | 0.2969 | 0.0296 | 1.0000 | 1.0000 | |
| Treatment F | | | | | | | | 1.946 | 2.402 | 10.606 | 0.000 | 0.000 | |
| Treatment Prob(F) | | | | | | | | 0.1032 | 0.0493 | 0.0001 | 1.0000 | 1.0000 | |

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|-------------------|------------------|-----------|-----------|----------------|--------------|-----------------|--------------|-----------|---------|---------|---------|-----|-----|
| Crop Code | | | | | | | Injury | Injury | Injury | Injury | Injury | | |
| Rating Date | | | | | | | Percent | Percent | Percent | Percent | Percent | | |
| Rating Type | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | | |
| Rating Unit | | | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | | | |
| Trt-Eval Interval | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Other Rate | Other Rate Unit | Growth Stage | Appl Code | | | | | |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | 4-6"W | D | | | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 6 | NONTREATED | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 0 a | 0 a | 0 a | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | V2 | B | | 0 a | 0 a | 0 a | 0 a |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | V2 | B | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | V2 | B | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | V2 | B | | | | | |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| Pest Code | | | | | | | | ZEAMD | ZEAMD | ZEAMD | ZEAMD | ZEAMD | | | | |
|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|------------|---------|---------|---------|-----|-----|--|--|
| Crop Code | | | | | | | | Injury | Injury | Injury | Injury | Injury | | | | |
| Rating Date | | | | | | | | Percent | Percent | Percent | Percent | Percent | | | | |
| Rating Type | | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | | | | |
| Rating Unit | | | | | | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | | | | | | |
| Trt-Eval Interval | | | | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Unit Unit | Other Rate | Other Rate | Growth Unit | Appl Stage | Code | | | | | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | | 0 a | 0 a | 0 a | 0 a | | |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | | | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | | | | | |
| LSD P=.05 | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| Standard Deviation | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| CV | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| Replicate F | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | | | |
| Replicate Prob(F) | | | | | | | | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | | | | |
| Treatment F | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | | | |
| Treatment Prob(F) | | | | | | | | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | | | | |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | SETFA | SETFA | SETFA | SETFA | SETFA | |
|---------|------------------|-----------|-----------|----------------|--------------|-----------------|--------------|-----------|---------|---------|---------|------|
| | | | | | | | Control | Control | Control | Control | Control | |
| | | | | | | | Percent | Percent | Percent | Percent | Percent | |
| | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Other Rate | Other Rate Unit | Growth Stage | Appl Code | | | | |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | PRE | A | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | 4-6"W | D | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | 4-6"W | D | | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | 4-6"W | D | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | |
| 6 | NONTREATED | | | | | | | | 0 | 0 | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | 2-4"W | C | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | 2-4"W | C | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | 2-4"W | C | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | V2 | B | | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | V2 | B | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | V2 | B | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | V2 | B | | | | |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | SETFA | SETFA | SETFA | SETFA | SETFA | |
|--------------------|--------------------|-------|------|------|---------|-------|---------|---------|---------|---------|---------|--------|
| | | | | | | | Control | Control | Control | Control | Control | |
| | | | | | | | Percent | Percent | Percent | Percent | Percent | |
| | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | |
| | | | | | | | | | | | | |
| Trt | Treatment | Form | Form | Rate | Other | Other | Growth | Appl | | | | |
| No. | Name | Conc | Type | Rate | Unit | Rate | Rate | Unit | Stage | Code | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | |
| LSD P=.05 | | | | | | | . | . | . | . | . | . |
| Standard Deviation | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CV | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Replicate F | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Replicate Prob(F) | | | | | | | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| Treatment F | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Treatment Prob(F) | | | | | | | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | AMBTR | AMBTR | AMBTR | AMBTR | AMBTR |
|-------------------|------------------|-----------|-----------|----------------|--------------|-----------------|--------------|-----------|---------|---------|---------|
| | | | | | | | Control | Control | Control | Control | Control |
| | | | | | | | Percent | Percent | Percent | Percent | Percent |
| | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO |
| Pest Code | | | | | | | | | | | |
| Crop Code | | | | | | | | | | | |
| Rating Date | | | | | | | | | | | |
| Rating Type | | | | | | | | | | | |
| Rating Unit | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | |
| Trt-Eval Interval | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate | Other Rate | Other Rate Unit | Growth Stage | Appl Code | | | |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | PRE | A | 98 a | 99 a | 98 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | PRE | A | | | 98 ab |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | 98 ab |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | PRE | A | 97 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | 98 ab |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | 98 ab |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | PRE | A | 88 b | 99 a | 99 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | 4-6"W | D | | | 99 a |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | 99 a |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | PRE | A | 98 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | 99 a |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | 99 a |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | PRE | A | 95 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | 99 a |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | 4-6"W | D | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | 4-6"W | D | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | 99 a |
| 6 | NONTREATED | | | | | | | | 0 | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 85 b | 98 a | 98 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | 94 c |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | 97 b |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 85 b | 98 a | 97 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | 95 c |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | 2-4"W | C | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | 2-4"W | C | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | 97 b |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 86 b | 99 a | 98 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | 96 bc |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | 2-4"W | C | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | 97 b |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | V2 | B | | 98 a | 94 b |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | V2 | B | | | 94 c |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | V2 | B | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | V2 | B | | | 91 c |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | | | | AMBTR | AMBTR | AMBTR | AMBTR | AMBTR | |
|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|------------|---------|---------|---------|---------|---------|--------|
| | | | | | | | | | | Control | Control | Control | Control | Control | |
| | | | | | | | | | | Percent | Percent | Percent | Percent | Percent | |
| | | | | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | |
| Pest Code | | | | | | | | | | | | | | | |
| Crop Code | | | | | | | | | | | | | | | |
| Rating Date | | | | | | | | | | | | | | | |
| Rating Type | | | | | | | | | | | | | | | |
| Rating Unit | | | | | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | | | | | |
| Trt-Eval Interval | | | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Unit Unit | Other Rate | Other Rate | Growth Unit | Appl Stage | Code | | | | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | | 98 a | 98 a | 99 ab | 98 ab | |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | | | | |
| LSD P=.05 | | | | | | | | | | | 3.7 | 1.1 | 2.1 | 3.2 | 1.8 |
| Standard Deviation | | | | | | | | | | | 2.5 | 0.8 | 1.4 | 2.2 | 1.3 |
| CV | | | | | | | | | | | 2.76 | 0.8 | 1.48 | 2.25 | 1.29 |
| Replicate F | | | | | | | | | | | 1.019 | 2.401 | 1.079 | 3.228 | 2.809 |
| Replicate Prob(F) | | | | | | | | | | | 0.4042 | 0.0897 | 0.3745 | 0.0380 | 0.0585 |
| Treatment F | | | | | | | | | | | 21.777 | 2.240 | 4.704 | 4.123 | 13.965 |
| Treatment Prob(F) | | | | | | | | | | | 0.0001 | 0.0509 | 0.0008 | 0.0020 | 0.0001 |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | AMATA | AMATA | AMATA | AMATA | AMATA | | |
|-----|------------------|------|------|----------------|--------------|-------|---------|---------|---------|---------|---------|------|------|
| | | | | | | | Control | Control | Control | Control | Control | | |
| | | | | | | | Percent | Percent | Percent | Percent | Percent | | |
| | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | | |
| Trt | Treatment | Form | Form | Rate | Other | Other | Growth | Appl | | | | | |
| No. | Name | Conc | Type | Rate | Rate | Rate | Stage | Code | | | | | |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | PRE | A | 99 a | 99 a | 99 a | 98 a | 98 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | 4-6"W | D | | | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 6 | NONTREATED | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | V2 | B | | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | V2 | B | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | V2 | B | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | V2 | B | | | | | |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| | | | | | | | | | | AMATA | AMATA | AMATA | AMATA | AMATA | |
|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|------------|---------|---------|---------|---------|---------|--------|
| | | | | | | | | | | Control | Control | Control | Control | Control | |
| | | | | | | | | | | Percent | Percent | Percent | Percent | Percent | |
| | | | | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | |
| Pest Code | | | | | | | | | | | | | | | |
| Crop Code | | | | | | | | | | | | | | | |
| Rating Date | | | | | | | | | | | | | | | |
| Rating Type | | | | | | | | | | | | | | | |
| Rating Unit | | | | | | | | | | | | | | | |
| Rating Timing | | | | | | | | | | | | | | | |
| Trt-Eval Interval | | | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Unit Unit | Other Rate | Other Rate | Growth Unit | Appl Stage | Code | | | | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | | | 99 a | 99 a | 99 a | |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | | | | |
| LSD P=.05 | | | | | | | | | | | . | . | . | 0.9 | 0.9 |
| Standard Deviation | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 |
| CV | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.64 | 0.64 |
| Replicate F | | | | | | | | | | | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 |
| Replicate Prob(F) | | | | | | | | | | | 1.0000 | 1.0000 | 1.0000 | 0.4079 | 0.4079 |
| Treatment F | | | | | | | | | | | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 |
| Treatment Prob(F) | | | | | | | | | | | 1.0000 | 1.0000 | 1.0000 | 0.4635 | 0.4635 |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

| | | | | | | | ABUTH | ABUTH | ABUTH | ABUTH | ABUTH | | |
|-----|------------------|------|------|----------------|--------------|-------|---------|---------|---------|---------|---------|------|------|
| | | | | | | | Control | Control | Control | Control | Control | | |
| | | | | | | | Percent | Percent | Percent | Percent | Percent | | |
| | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | | |
| Trt | Treatment | Form | Form | Rate | Other | Other | Growth | Appl | | | | | |
| No. | Name | Conc | Type | Rate | Rate | Rate | Stage | Code | | | | | |
| 1 | KEYSTONE NXT | 5.6 | SE | 3.5 lb ai/a | 2.5 qt/a | | PRE | A | 99 ab | 99 a | 99 a | 99 a | 99 a |
| | HORNET WDG | 68.5 | WG | 0.171 lb ai/a | 4 oz/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 2 | SURESTART II | 4.16 | SE | 1.3 lb ai/a | 2.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 3 | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | SURESTART II | 4.16 | SE | 0.78 lb ai/a | 1.5 pt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 4 | GF-3471 | 100 | SE | 2.75 qt/a | 2.75 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 5 | GF-3471 | 100 | SE | 1.5 qt/a | 1.5 qt/a | | PRE | A | 99 a | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | PRE | A | | | | | |
| | GF-3471 | 100 | SE | 1.25 qt/a | 1.25 qt/a | | 4-6"W | D | | | | | |
| | AATREX 4L | 4 | SC | 1 lb ai/a | 1 qt/a | | 4-6"W | D | | | | | |
| | DURANGO DMA | 4 | SL | 1 lb ae/a | 1 qt/a | | 4-6"W | D | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 4-6"W | D | | | | | |
| 6 | NONTREATED | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| 7 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 98 bc | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 8 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 97 c | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | ROUNDUP POWERMAX | 4.5 | SL | 1.13 lb ae/a | 32 fl oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 9 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | PRE | A | 97 c | 99 a | 99 a | 99 a | 99 a |
| | IMPACT | 2.8 | SC | 0.0164 lb ai/a | 0.75 fl oz/a | | 2-4"W | C | | | | | |
| | STATUS | 56 | WG | 0.105 lb ae/a | 3 oz/a | | 2-4"W | C | | | | | |
| | AATREX 4L | 4 | SC | 0.5 lb ai/a | 1 pt/a | | 2-4"W | C | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 1 % v/v | 1 % v/v | | 2-4"W | C | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | 2-4"W | C | | | | | |
| 10 | DEGREE XTRA | 4.04 | CS | 2.02 lb ai/a | 4 pt/a | | V2 | B | | 99 a | 99 a | 96 b | 98 a |
| | IMPACT | 2.8 | SC | 0.0219 lb ai/a | 1 fl oz/a | | V2 | B | | | | | |
| | MSO (MSO ULTRA) | 100 | SL | 0.5 % v/v | 0.5 % v/v | | V2 | B | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 % v/v | 2.5 % v/v | | V2 | B | | | | | |

Impact Programs and Surestart II Programs for Weed Control in Corn.

Trial ID: 15-1-W70 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

| Pest Code | | | | | | | | | | ABUTH | ABUTH | ABUTH | ABUTH | ABUTH | |
|--------------------|--------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|------------|---------|---------|---------|---------|---------|--------|
| Crop Code | | | | | | | | | | | | | | | |
| Rating Date | | | | | | | | | | | | | | | |
| Rating Type | | | | | | | | | | Control | Control | Control | Control | Control | |
| Rating Unit | | | | | | | | | | Percent | Percent | Percent | Percent | Percent | |
| Rating Timing | | | | | | | | | | 0 DAPO | 7 DAPO | 14 DAPO | 28 DAPO | 42 DAPO | |
| Trt-Eval Interval | | | | | | | | | | | | | | | |
| Trt No. | Treatment Name | Form Conc | Form Type | Rate Rate | Rate Unit | Other Rate | Other Rate | Growth Unit | Appl Stage | Code | | | | | |
| 11 | HALEX GT | 4.389 | CS | 1.97 | lb ai/a | 3.6 | pt/a | V2 | B | | | 99 a | 99 a | 99 a | 99 a |
| | AATREX 4L | 4 | SC | 0.5 | lb ai/a | 1 | pt/a | V2 | B | | | | | | |
| | NIS (ACTIVATOR 90) | 100 | SL | 0.25 | % v/v | 0.25 | % v/v | V2 | B | | | | | | |
| | N-PAK AMS | 100 | SL | 2.5 | % v/v | 2.5 | % v/v | V2 | B | | | | | | |
| LSD P=.05 | | | | | | | | | | | 1.5 | . | 0.5 | 1.9 | 1.1 |
| Standard Deviation | | | | | | | | | | | 1.0 | 0.0 | 0.3 | 1.3 | 0.7 |
| CV | | | | | | | | | | | 1.03 | 0.0 | 0.32 | 1.35 | 0.74 |
| Replicate F | | | | | | | | | | | 2.074 | 0.000 | 1.541 | 1.989 | 1.070 |
| Replicate Prob(F) | | | | | | | | | | | 0.1342 | 1.0000 | 0.2267 | 0.1393 | 0.3783 |
| Treatment F | | | | | | | | | | | 5.111 | 0.000 | 1.216 | 2.267 | 0.734 |
| Treatment Prob(F) | | | | | | | | | | | 0.0016 | 1.0000 | 0.3260 | 0.0484 | 0.6745 |

Trial Comments

1. Protocol: AMVAC (15C04H028BSIU) and Dow (Corn Showcase).
2. Ratings;
CI at 7 and 14 DA-A, and CI at 0, 7, and 14 days after each POST application.
WC at 0, 7, 14, 28, and 42 days after each POST application.
Rate before spray at each POST timing (B, C, and D).
Rate each POST timing on different dates, but record in the same column.
3. Yield, do not sell grain from plots with GF-3471.
4. Photos.
5. Rainfall following the PRE application was 4.09 inch over 4 days beginning 1 day later.
Rainfall following the V2 application was 3.63 inch over 7 days beginning 3 days later.
Rainfall following the 2-4"W application was 2.15 inch over 2 days beginning 6 hours later.
Rainfall following the 4-6"W application was 0.83 inch over 4 days beginning 20 hours later.
6. DAPO = Days after various POST applications.
Ratings at 0 DAPO were on 5-29-15 and 6-4-15 for the 2-4"W and 4-6"W applications, respectively.
Ratings at 7 DAPO were on 5-28-15, 6-5-15 and 6-11-15 for the V2, 2-4"W and 4-6"W applications, respectively.
Ratings at 14 DAPO were on 6-4-15, 6-12-15 and 6-18-15 for the V2, 2-4"W and 4-6"W applications, respectively.
Ratings at 28 DAPO were on 6-18-15, 6-26-15 and 7-2-15 for the V2, 2-4"W and 4-6"W applications, respectively.
Ratings at 42 DAPO were on 7-2-15, 7-10-15 and 7-6-15 for the V2, 2-4"W and 4-6"W applications, respectively.
7. Harvested 9-30-15, (2) 30 inch rows by 24 ft.