

Purdue University

Corvus and Capreno one pass weed control programs for field corn.

Trial ID: 12S-THP-CTC-04 Protocol ID: 12S-THP-CTC-04
 Location: Throckmorton Study Director: White/Marquardt
 Project ID: HP12NARBLM Investigator: Dr. Bill Johnson
 Sponsor Contact: Bayer - Dave Lamore

General Trial Information

Study Director: White/Marquardt **Title:** Research Associate
Investigator: Dr. Bill Johnson **Title:** Professor

Discipline: H herbicide
Trial Status: E established
Initiation Date: 3-16-2012

Trial Location

City: Lafayette
State/Prov.: IN
Postal Code: 47909
Country: USA

Personnel

Study Director: White/Marquardt **Title:** Research Associate
Affiliation: Purdue University
Address: 915 W State Street
Location: West Lafayette, IN, USA
Postal Code: 47907 **E-mail:** mdwhite@purdue.edu
Phone No.: 765-494-0891
Investigator: Dr. Bill Johnson **Title:** Professor
Affiliation: Purdue University
Address: 915 W State Street
Location: West Lafayette, IN, USA
Postal Code: 47907 **E-mail:** wjg@purdue.edu
Phone No.: 765-494-4656 **Mobile No.:** 765-404-9801

Cooperator/Landowner

Cooperator: Throckmorton Purdue Ag Center **Role:** Purdue Ag Center
Organization: Purdue University
Address 1: 8343 US 231 S
City: Lafayette **Phone No.:** 765-538-3422
State/Prov: IN **Fax No.:** 765-538-3423
Postal Code: 47909 **E-mail:** jayyoung@purdue.edu
Country: USA United States

Crop Description

Crop 1: ZEAMD Zea mays indentata Dent corn
Variety: Beck's 6175
BBCH Scale: BCOR **Planting Date:** 4-18-2012
Planting Method: PLANTD planted **Rate, Unit:** 34000 S/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN
Soil Moisture: SLIWET slightly wet **Soil Temperature, Unit:** 60 F
Emergence Date: 5-2-2012

Pest Description

Pest 1 Type: W **Code:** AMBTR Ambrosia trifida
Common Name: Giant ragweed

Pest 2 Type: W **Code:** ABUTH Abutilon theophrasti
Common Name: Velvetleaf

Pest 3 Type: W **Code:** IPOHE Ipomoea hederacea
Common Name: Ivyleaf morningglory

Pest 4 Type: W **Code:** SETFA Setaria faberi
Common Name: Giant foxtail

Pest 5 Type: W **Code:** CHEAL Chenopodium album
Common Name: Common lambsquarters

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| Site and Design | |
|--|--|
| Plot Width, Unit: 10 FT Plot Length, Unit: 30 FT Plot Area, Unit: 300 FT ² Replications: 4 | Site Type: FIELD field Experimental Unit: 1 PLOT plot Tillage Type: CONTIL conventional-till Study Design: RACOB� Randomized Complete Block (RCB) Untreated Arrangement: INCLUDED single control randomized in each block |

| Soil Description |
|---|
| Description Name: TPAC -Field 4A % OM: 3.1 Texture: SIL silt loam pH: 6 Soil Name: Toronto-Millbrook CEC: 11.1 |

| Application Description | | |
|--------------------------------|-----------|-----------|
| | A | B |
| Application Date: | 4-18-2012 | 5-10-2012 |
| Time of Day: | 10:30 | |
| Application Method: | SPRAY | SPRAY |
| Application Timing: | ATPLAN | EAPOCR |
| Application Placement: | SOIL | FOLIAR |
| Applied By: | MW | MW |
| Air Temperature, Unit: | 68 F | 69 F |
| % Relative Humidity: | 41 | 63 |
| Wind Velocity, Unit: | 5 MPH | 4 MPH |
| Wind Direction: | S | NW |
| Dew Presence (Y/N): | N no | N no |
| Soil Temperature, Unit: | 60 F | 60 F |
| Soil Moisture: | SLIWET | SLIWET |
| % Cloud Cover: | 15 | 5 |

| Crop Stage At Each Application | | |
|---------------------------------|------------|------------|
| | A | B |
| Crop 1 Code, BBCH Scale: | ZEAMD BCOR | ZEAMD BCOR |
| Stage Scale Used: | | BBCH |
| Stage Majority, Percent: | | V2 |
| Height, Unit: | | 5 IN |

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Pest Stage At Each Application

| | A | B |
|----------------------------------|---------|---------|
| Pest 1 Code, Type, Scale: | AMBTR W | AMBTR W |
| Height, Unit: | | 1.75 IN |
| Height Minimum, Maximum: | | 0.5 3 |
| Density, Unit: | | 8 YD2 |
| Pest 2 Code, Type, Scale: | ABUTH W | ABUTH W |
| Height, Unit: | | 1 IN |
| Height Minimum, Maximum: | | 0.5 1.5 |
| Density, Unit: | | 3 YD2 |
| Pest 3 Code, Type, Scale: | IPOHE W | IPOHE W |
| Height, Unit: | | 1.5 IN |
| Density, Unit: | | 1 YD2 |
| Pest 4 Code, Type, Scale: | SETFA W | SETFA W |
| Height, Unit: | | 1.25 IN |
| Height Minimum, Maximum: | | 0.5 2 |
| Density, Unit: | | 15 YD2 |
| Pest 5 Code, Type, Scale: | CHEAL W | CHEAL W |
| Height, Unit: | | 0.5 IN |
| Density, Unit: | | 7 YD2 |

Application Equipment

| | A | B |
|----------------------------------|------------|------------|
| Appl. Equipment: | CO2 FORD | CO2 FORD |
| Equipment Type: | SPTRMO | SPTRMO |
| Operation Pressure, Unit: | 25 PSI | 25 PSI |
| Nozzle Type: | FLAT FAN | FLAT FAN |
| Nozzle Size: | XR 100 02 | XR 100 02 |
| Nozzle Spacing, Unit: | 20 IN | 20 IN |
| Nozzles/Row: | 6 | 6 |
| Boom Length, Unit: | 10 FT | 10 FT |
| Boom Height, Unit: | 20 IN | 20 IN |
| Ground Speed, Unit: | 2.1 MPH | 2.1 MPH |
| Carrier: | MEIGS | MEIGS |
| Spray Volume, Unit: | 20 gal/ac | 20 gal/ac |
| Mix Size, Unit: | 2.5 liters | 2.5 liters |
| Propellant: | CO2 | CO2 |

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 Location: Throckmorton Study Director: White/Marquardt
 Project ID: HP12NARBLM Investigator: Dr. Bill Johnson
 Sponsor Contact: Bayer - Dave Lamore

| Pest Type | | W Weed AMBTR | W Weed SETFA | W Weed CHEAL | | W Weed SETFA | W Weed AMBTR | | | | |
|-------------------------------|--|---|-----------------------|-----------------|-----------|-----------------|-----------------|---------|-------|--------|--------|
| Pest Code | | Ambrosia trifi> | Setaria faberi | Chenopodium al> | | Setaria faberi | Ambrosia trifi> | | | | |
| Pest Scientific Name | | | | | | | | | | | |
| Pest Name | | Giant ragweed | Giant foxtail | Common lambsqu> | | Giant foxtail | Giant ragweed | | | | |
| Crop Code | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | | | | |
| BBCH Scale | BCOR | BCOR | BCOR | BCOR | BCOR | BCOR | BCOR | | | | |
| Crop Scientific Name | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | | | | |
| Crop Name | Corn | Corn | Corn | Corn | Corn | Corn | Corn | | | | |
| Rating Date | 5-17-2012 | 5-17-2012 | 5-17-2012 | 5-17-2012 | 6-11-2012 | 6-11-2012 | 6-11-2012 | | | | |
| Rating Type | PHYTO | CONTRO | CONTRO | CONTRO | PHYGEN | CONTRO | CONTRO | | | | |
| Rating Unit | % | % | % | % | % | % | % | | | | |
| Number of Subsamples | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| Crop Stage Majority | V2 | V2 | V2 | V2 | V7-V8 | V7-V8 | V7-V8 | | | | |
| Pest Stage Majority | | 1-3 IN | 1-3 IN | 1-4 IN | | 4-18 IN | 6-36 IN | | | | |
| Pest Density, Unit | | 25 YD2 | 35 YD2 | 4 YD2 | | 30 M2 | 20 M2 | | | | |
| Assessed By | JS/JR | JS/JR | JS/JR | JS/JR | JR | JR | JR | | | | |
| Days After First/Last Applic. | 29 7 | 29 7 | 29 7 | 29 7 | 54 32 | 54 32 | 54 32 | | | | |
| Plant-Eval Interval | 29 DP-1 | 29 DP-1 | 29 DP-1 | 29 DP-1 | 54 DP-1 | 54 DP-1 | 54 DP-1 | | | | |
| Days After Emergence | 15 DE-1 | 15 DE-1 | 15 DE-1 | 15 DE-1 | 40 DE-1 | 40 DE-1 | 40 DE-1 | | | | |
| Trt No. | Treatment Name | Rate | Unit | Appl Code | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Untreated Check | | | | 0.00 b | 0.0 b | 0.0 b | 0.0 b | 0.0 a | 0.0 b | 0.0 b |
| 2 | Corvus (2.63 SC) Atrazine | 0.115 lb ai/a 1.5 lb ai/a | A A | | 0.13 b | 81.8 a | 90.0 a | 100.0 a | 0.0 a | 76.3 a | 72.0 a |
| 3 | Corvus (2.63 SC) Clarity (4 SL) | 0.115 lb ai/a 0.25 lb ai/a | A A | | 0.13 b | 85.0 a | 96.5 a | 100.0 a | 0.0 a | 70.8 a | 74.5 a |
| 4 | Corvus (2.63 SC) Clarity (4 SL) | 0.115 lb ai/a 0.5 lb ai/a | A A | | 0.00 b | 70.1 a | 88.1 a | 100.0 a | 0.0 a | 63.5 a | 58.5 a |
| 5 | Capreno (3.45 SL) Atrazine Roundup PowerMax 4.5 SL AMS - Liquid | 0.081 lb ai/a 1 lb ai/a 0.77 lb ae/a 8.5 lb ai/100 gal | B B B B | | 1.00 ab | 83.8 a | 86.3 a | 100.0 a | 0.0 a | 62.5 a | 65.8 a |
| 6 | Capreno (3.45 SL) Atrazine Roundup PowerMax 4.5 SL Clarity (4 SL) AMS - Liquid | 0.081 lb ai/a 1 lb ai/a 0.77 lb ae/a 0.25 lb ai/a 8.5 lb ai/100 gal | B B B B B | | 1.63 ab | 82.5 a | 92.0 a | 100.0 a | 0.0 a | 65.0 a | 60.0 a |
| 7 | Capreno (3.45 SL) Atrazine Roundup PowerMax 4.5 SL Clarity (4 SL) AMS - Liquid | 0.081 lb ai/a 1 lb ai/a 0.77 lb ae/a 0.5 lb ai/a 8.5 lb ai/100 gal | B B B B B | | 2.50 a | 83.8 a | 93.3 a | 100.0 a | 0.0 a | 66.8 a | 62.5 a |
| 8 | Lumax (3.95 SC) | 2.96 lb ai/a | A | | 0.25 b | 87.5 a | 99.5 a | 100.0 a | 0.0 a | 85.8 a | 83.8 a |
| 9 | Keystone (5.25 SC) Surpass (6.4 EC) Atrazine Hornet (85.6 WG) | 3.4 lb ai/a 1.95 lb ai/a 1.4625 lb ai/a 0.16 lb ai/a | A A A A | | 0.00 b | 86.8 a | 97.8 a | 100.0 a | 0.0 a | 88.3 a | 68.8 a |
| 10 | Halex GT (4.39 SC) Atrazine NIS AMS - Liquid | 1.98 lb ai/a 1 lb ai/a 0.25 % v/v 8.5 lb ai/100 gal | B B B B | | 1.63 ab | 76.3 a | 83.8 a | 100.0 a | 0.0 a | 57.5 a | 51.3 a |

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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| Pest Type | | W Weed AMBTR | W Weed SETFA | W Weed CHEAL | | W Weed SETFA | W Weed AMBTR | | | | |
|-------------------------------|---------------------|-------------------|-----------------|-----------------|-----------|-----------------|-----------------|---------|--------|--------|--------|
| Pest Code | | Ambrosia trifi> | Setaria faberi | Chenopodium al> | | Setaria faberi | Ambrosia trifi> | | | | |
| Pest Scientific Name | | Giant ragweed | Giant foxtail | Common lambsqu> | | Giant foxtail | Giant ragweed | | | | |
| Pest Name | | | | | | | | | | | |
| Crop Code | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | ZEAMX | | | | |
| BBCH Scale | BCOR | BCOR | BCOR | BCOR | BCOR | BCOR | BCOR | | | | |
| Crop Scientific Name | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | Zea mays | | | | |
| Crop Name | Corn | Corn | Corn | Corn | Corn | Corn | Corn | | | | |
| Rating Date | 5-17-2012 | 5-17-2012 | 5-17-2012 | 5-17-2012 | 6-11-2012 | 6-11-2012 | 6-11-2012 | | | | |
| Rating Type | PHYTO | CONTRO | CONTRO | CONTRO | PHYGEN | CONTRO | CONTRO | | | | |
| Rating Unit | % | % | % | % | % | % | % | | | | |
| Number of Subsamples | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| Crop Stage Majority | V2 | V2 | V2 | V2 | V7-V8 | V7-V8 | V7-V8 | | | | |
| Pest Stage Majority | | 1-3 IN | 1-3 IN | 1-4 IN | | 4-18 IN | 6-36 IN | | | | |
| Pest Density, Unit | | 25 YD2 | 35 YD2 | 4 YD2 | | 30 M2 | 20 M2 | | | | |
| Assessed By | JS/JR | JS/JR | JS/JR | JS/JR | JR | JR | JR | | | | |
| Days After First/Last Applic. | 29 7 | 29 7 | 29 7 | 29 7 | 54 32 | 54 32 | 54 32 | | | | |
| Plant-Eval Interval | 29 DP-1 | 29 DP-1 | 29 DP-1 | 29 DP-1 | 54 DP-1 | 54 DP-1 | 54 DP-1 | | | | |
| Days After Emergence | 15 DE-1 | 15 DE-1 | 15 DE-1 | 15 DE-1 | 40 DE-1 | 40 DE-1 | 40 DE-1 | | | | |
| Trt No. | Treatment Name | Rate | Unit | Appl Code | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 11 | SureStart (4.25 SC) | 1.06 lb ai/a | B | | 2.13 a | 72.5 a | 86.3 a | 100.0 a | 0.0 a | 73.8 a | 62.5 a |
| | Atrazine | 1.5 lb ai/a | B | | | | | | | | |
| | Durango DMA (4 SL) | 0.69 lb ae/a | B | | | | | | | | |
| | AMS - Liquid | 8.5 lb ai/100 gal | B | | | | | | | | |
| 12 | SureStart (4.25 SC) | 1.06 lb ai/a | B | | 0.25 b | 77.5 a | 93.8 a | 100.0 a | 0.0 a | 71.3 a | 62.5 a |
| | Durango DMA (4 SL) | 0.75 lb ae/a | B | | | | | | | | |
| | AMS - Liquid | 8.5 lb ai/100 gal | B | | | | | | | | |
| LSD (P=.05) | | | | | 1.230 | 13.19 | 10.28 | 0.00 | 0.00 | 18.96 | 25.59 |
| Standard Deviation | | | | | 0.852 | 9.13 | 7.12 | 0.00 | 0.00 | 13.13 | 17.72 |
| CV | | | | | 106.19 | 12.35 | 8.49 | 0.0 | 0.0 | 20.17 | 29.46 |
| Bartlett's X2 | | | | | 20.111 | 19.891 | 22.962 | 0.0 | 0.0 | 8.267 | 12.228 |
| P(Bartlett's X2) | | | | | 0.01* | 0.03* | 0.011* | . | . | 0.603 | 0.27 |
| Replicate F | | | | | 0.562 | 2.041 | 0.960 | 0.000 | 0.000 | 4.641 | 0.811 |
| Replicate Prob(F) | | | | | 0.6437 | 0.1278 | 0.4235 | 1.0000 | 1.0000 | 0.0084 | 0.4972 |
| Treatment F | | | | | 4.754 | 27.458 | 56.984 | 0.000 | 0.000 | 11.679 | 5.471 |
| Treatment Prob(F) | | | | | 0.0003 | 0.0001 | 0.0001 | 1.0000 | 1.0000 | 0.0001 | 0.0001 |

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| Pest Type | W Weed | W Weed | W Weed | | | |
|-------------------------------|-------------------|----------------|-----------------|-----------|---------|----------|
| Pest Code | CHEAL | SETFA | AMBTR | | | |
| Pest Scientific Name | Chenopodium al- | Setaria faberi | Ambrosia trifi> | | | |
| Pest Name | Common lambsqu> | Giant foxtail | Giant ragweed | | | |
| Crop Code | ZEAMX | ZEAMX | ZEAMX | ZEAMX | | |
| BBCB Scale | BCOR | BCOR | BCOR | BCOR | | |
| Crop Scientific Name | Zea mays | Zea mays | Zea mays | Zea mays | | |
| Crop Name | Corn | Corn | Corn | Corn | | |
| Rating Date | 6-11-2012 | 7-5-2012 | 7-5-2012 | 9-20-2012 | | |
| Rating Type | CONTRO | CONTRO | CONTRO | YIELD | | |
| Rating Unit | % | % | % | bu/ac | | |
| Number of Subsamples | 1 | 1 | 1 | 1 | | |
| Crop Stage Majority | V7-V8 | | | | | |
| Pest Stage Majority | 3-36 IN | 20 IN | 70 IN | | | |
| Pest Density, Unit | 7 M2 | 20 YD2 | 8 YD2 | | | |
| Assessed By | JR | MW | MW | | | |
| Days After First/Last Applic. | 54 32 | 78 56 | 78 56 | 155 133 | | |
| Plant-Eval Interval | 54 DP-1 | 78 DP-1 | 78 DP-1 | 155 DP-1 | | |
| Days After Emergence | 40 DE-1 | 64 DE-1 | 64 DE-1 | 141 DE-1 | | |
| Trt Treatment | Rate | Rate | Rate | Rate | | |
| No. Name | Unit | Unit | Unit | Unit | | |
| Appl Code | 8 | 9 | 10 | 11 | | |
| 1 Untreated Check | | 0.0 c | 0.0 c | 0.0 b | 24.58 b | |
| 2 Corvus (2.63 SC) | 0.115 lb ai/a | A | 100.0 a | 87.5 ab | 71.3 a | 69.40 ab |
| Atrazine | 1.5 lb ai/a | A | | | | |
| 3 Corvus (2.63 SC) | 0.115 lb ai/a | A | 100.0 a | 77.5 ab | 68.8 a | 75.53 ab |
| Clarity (4 SL) | 0.25 lb ai/a | A | | | | |
| 4 Corvus (2.63 SC) | 0.115 lb ai/a | A | 99.8 a | 91.8 ab | 58.2 a | 40.46 ab |
| Clarity (4 SL) | 0.5 lb ai/a | A | | | | |
| 5 Capreno (3.45 SL) | 0.081 lb ai/a | B | 100.0 a | 70.0 ab | 53.8 a | 106.43 a |
| Atrazine | 1 lb ai/a | B | | | | |
| Roundup PowerMax 4.5 SL | 0.77 lb ae/a | B | | | | |
| AMS - Liquid | 8.5 lb ai/100 gal | B | | | | |
| 6 Capreno (3.45 SL) | 0.081 lb ai/a | B | 100.0 a | 82.5 ab | 53.8 a | 79.80 ab |
| Atrazine | 1 lb ai/a | B | | | | |
| Roundup PowerMax 4.5 SL | 0.77 lb ae/a | B | | | | |
| Clarity (4 SL) | 0.25 lb ai/a | B | | | | |
| AMS - Liquid | 8.5 lb ai/100 gal | B | | | | |
| 7 Capreno (3.45 SL) | 0.081 lb ai/a | B | 100.0 a | 72.5 ab | 46.3 a | 79.38 ab |
| Atrazine | 1 lb ai/a | B | | | | |
| Roundup PowerMax 4.5 SL | 0.77 lb ae/a | B | | | | |
| Clarity (4 SL) | 0.5 lb ai/a | B | | | | |
| AMS - Liquid | 8.5 lb ai/100 gal | B | | | | |
| 8 Lumax (3.95 SC) | 2.96 lb ai/a | A | 100.0 a | 91.3 ab | 80.0 a | 79.03 ab |
| 9 Keystone (5.25 SC) | 3.4 lb ai/a | A | 100.0 a | 94.3 a | 60.0 a | 57.93 ab |
| Surpass (6.4 EC) | 1.95 lb ai/a | A | | | | |
| Atrazine | 1.4625 lb ai/a | A | | | | |
| Hornet (85.6 WG) | 0.16 lb ai/a | A | | | | |
| 10 Halex GT (4.39 SC) | 1.98 lb ai/a | B | 100.0 a | 68.8 b | 40.0 a | 81.73 ab |
| Atrazine | 1 lb ai/a | B | | | | |
| NIS | 0.25 % v/v | B | | | | |
| AMS - Liquid | 8.5 lb ai/100 gal | B | | | | |

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| | | | | |
|-------------------------------|---------------------|-------------------|-----------------|---------------------------------|
| Pest Type | W Weed | W Weed | W Weed | |
| Pest Code | CHEAL | SETFA | AMBTR | |
| Pest Scientific Name | Chenopodium al> | Setaria faberi | Ambrosia trifi> | |
| Pest Name | Common lambsqu> | Giant foxtail | Giant ragweed | |
| Crop Code | ZEAMX | ZEAMX | ZEAMX | ZEAMX |
| BBCH Scale | BCOR | BCOR | BCOR | BCOR |
| Crop Scientific Name | Zea mays | Zea mays | Zea mays | Zea mays |
| Crop Name | Corn | Corn | Corn | Corn |
| Rating Date | 6-11-2012 | 7-5-2012 | 7-5-2012 | 9-20-2012 |
| Rating Type | CONTRO | CONTRO | CONTRO | YIELD |
| Rating Unit | % | % | % | bu/ac |
| Number of Subsamples | 1 | 1 | 1 | 1 |
| Crop Stage Majority | V7-V8 | | | |
| Pest Stage Majority | 3-36 IN | 20 IN | 70 IN | |
| Pest Density, Unit | 7 M2 | 20 YD2 | 8 YD2 | |
| Assessed By | JR | MW | MW | |
| Days After First/Last Applic. | 54 32 | 78 56 | 78 56 | 155 133 |
| Plant-Eval Interval | 54 DP-1 | 78 DP-1 | 78 DP-1 | 155 DP-1 |
| Days After Emergence | 40 DE-1 | 64 DE-1 | 64 DE-1 | 141 DE-1 |
| Trt No. | Treatment Name | Rate | Appl Code | |
| | | Unit | | |
| | | | | 8 9 10 11 |
| 11 | SureStart (4.25 SC) | 1.06 lb ai/a | B | 100.0 a 75.0 ab 50.0 a 75.13 ab |
| | Atrazine | 1.5 lb ai/a | B | |
| | Durango DMA (4 SL) | 0.69 lb ae/a | B | |
| | AMS - Liquid | 8.5 lb ai/100 gal | B | |
| 12 | SureStart (4.25 SC) | 1.06 lb ai/a | B | 95.0 b 72.5 ab 56.3 a 86.05 ab |
| | Durango DMA (4 SL) | 0.75 lb ae/a | B | |
| | AMS - Liquid | 8.5 lb ai/100 gal | B | |
| LSD (P=.05) | | 2.44 | | 14.59 35.38 41.144 |
| Standard Deviation | | 1.69 | | 10.10 24.50 28.495 |
| CV | | 1.85 | | 13.72 46.07 39.97 |
| Bartlett's X2 | | 0.0 | | 15.802 5.104 11.965 |
| P(Bartlett's X2) | | . | | 0.105 0.884 0.366 |
| Replicate F | | 1.031 | | 5.754 0.150 0.302 |
| Replicate Prob(F) | | 0.3918 | | 0.0029 0.9290 0.8236 |
| Treatment F | | 1158.578 | | 24.281 2.683 2.287 |
| Treatment Prob(F) | | 0.0001 | | 0.0001 0.0145 0.0337 |

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Corvus and Capreno one pass weed control programs for field corn.

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 Location: Throckmorton Study Director: White/Marquardt
 Project ID: HP12NARBLM Investigator: Dr. Bill Johnson
 Sponsor Contact: Bayer - Dave Lamore

Pest Type

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

Pest Code

AMBTR, Ambrosia trifida, = US

SETFA, Setaria faberi, = US

CHEAL, Chenopodium album, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

CONTRO = control / burndown or knockdown

PHYGEN = phytotoxicity - general / injury

YIELD = yield

Rating Unit

% = percent

bu/ac = bushels per acre

YD2 = per square yard

M2 = per square meter

Plant-Eval Interval

29 DP-1 = 1 ZEAMD 4-18-2012

54 DP-1 = 1 ZEAMD 4-18-2012

78 DP-1 = 1 ZEAMD 4-18-2012

155 DP-1 = 1 ZEAMD 4-18-2012