

The Ohio State University

Corn Showcase Treatments

Trial ID: 20CORNSHOW Location: Western Branch G-6 Trial Year: 2020
 Protocol ID: 20CORNSHOW Investigator: Dr. Mark M. Loux
 Project ID: Study Director: Anthony Dobbels
 Sponsor Contact:

General Trial Information

Study Director: Anthony Dobbels
 Investigator: Dr. Mark M. Loux

Discipline: H herbicide
 Trial Status: E established

ARM Trial Created On: Mar-26-2020 Trial Usage/Type: 0 Research and Development
 Initiation Date: Apr-22-2020

Trial Location

Address (Location): 7721 South Charleston Pike
 City: South Charleston Country: USA United States
 State/Prov.: Ohio
 Postal Code: 45368

Latitude of LL Corner °: 39.8594 N
 Longitude of LL Corner °: -83.67436 W
 Altitude of LL Corner: 1095.00 FT

Conducted Under GLP: No
 Conducted Under GEP: No

Objectives:

|

Contacts

Study Director: Anthony Dobbels

Investigator: Dr. Mark M. Loux

Crop Description

| | | | |
|----------------------|--------------------------------------|---------------------|---------------------------|
| Crop 1: C | ZEAMD Zea mays indentata | Dent corn | BBCH Scale: BCOR |
| Entry Date: | Apr-23-2020 | Stage Scale: | BBCH |
| Variety: | Pioneer P1197AM | Seed Source: | Pioneer |
| Attributes: | Glyphosate and Glufosinate Resistant | Planting Rate: | 32097 S/A |
| Seed Lot No: | B3PLY13085-N | Planting Method: | PLANTD planted |
| % Germination: | 95 | Planting Equipment: | FPP finger pickup planter |
| Planting Date: | Apr-22-2020 | Seed Bed: | MEDIUM medium |
| Depth: | 2 IN | Soil Moisture: | NORMAL normal, adequate |
| Rows per Plot: | 4 | Harvest Equipment: | Kincaid 8XP |
| Row Spacing: | 30 IN | Harvested Width: | 5 FT |
| Soil Temperature: | 54 F | Harvested Length: | 30 FT |
| Emergence Date: | May-14-2020 | | |
| Harvest Date: | Oct-14-2020 | | |
| Moisture Meter: | Harvest Master | | |
| % Standard Moisture: | 15.5 | | |
| Weighing Equipment: | Harvest Master HM800 | | |

Pest Description

| | | | |
|----------------|------------------------|------------------------|-------------------------|
| Pest 1 Type: W | Code: SETFA | Setaria faberi | Entry Date: Apr-23-2020 |
| Common Name: | foxtail, giant | | |
| Pest 2 Type: W | Code: AMBTR | Ambrosia trifida | Entry Date: May-28-2020 |
| Common Name: | ragweed, giant | | |
| Pest 3 Type: W | Code: CHEAL | Chenopodium album | Entry Date: May-28-2020 |
| Common Name: | lambquarters, common | | |
| Pest 4 Type: W | Code: IPOHE | Ipomoea hederacea | Entry Date: May-28-2020 |
| Common Name: | ivy-leaf morning glory | | |
| Pest 5 Type: W | Code: ABUTH | Abutilon theophrasti | Entry Date: May-28-2020 |
| Common Name: | velvetleaf | | |
| Pest 6 Type: W | Code: SIDSP | Sida spinosa | Entry Date: Jun-9-2020 |
| Common Name: | sida, prickly | | |
| Pest 7 Type: W | Code: AMARE | Amaranthus retroflexus | Entry Date: Jun-22-2020 |
| Common Name: | pigweed, redroot | | |

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Site and Design

Treated Plot Width: 10 FT Site Type: FIELD field
 Treated Plot Length: 30 FT Experimental Unit: 1 PLOT plot
 Treated Plot Area: 300 FT² Treatments: 14 Tillage Type: CONTIL conventional-till
 Replications: 4 Study Design: RACOB� Randomized Complete Block (RCB)

Trial Initiation Comments:

Fall Chisel Plow, spring finishing tool with disc, field cultivator, drag harrow, and rolling basket

Previous

No. Crop Year
 1. GLXMA 2019

Soil Description

Description Name: G-6
 % Sand: 32 % OM: 2.2 Texture: SICL silty clay loam
 % Silt: 53 pH: 5.9 Soil Name: Kokomo
 % Clay: 15 CEC: 14.8 Fert. Level: G good
 Soil Drainage: G good

Application Description

| | A | B | C |
|---------------------------------|-------------|-------------|------------|
| Application Date | Apr-22-2020 | May-23-2020 | Jun-9-2020 |
| Appl. Start Time | 4:00 PM | 9:00 AM | 8:00 AM |
| Appl. Stop Time | 4:30 PM | 9:47 AM | 8:30 AM |
| Interval to Prev. Appl. | | 31 DAYS | 17 DAYS |
| Application Method | NONINC | NONINC | SPRAY |
| Application Timing | PREPRE | POSPOS | POSPOS |
| Application Placement | BROSOL | BROFOL | BROFOL |
| Applied By | Dobbels | Dobbels | Loux |
| Appl. Entry Date | Apr-23-2020 | May-28-2020 | Jun-9-2020 |
| Air Temperature Start, Stop | 57 58 F | 65 65 F | 69 69 F |
| % Relative Humidity Start, Stop | 37 37 | 90 90 | 64 64 |
| Wind Velocity+Dir. Start | 7 MPH S | 4 MPH E | 8 MPH ESE |
| Wind Velocity+Dir. Stop | 7 MPH S | 4 MPH E | 8 MPH ESE |
| Wind Velocity+Dir. Max | 7 MPH S | 4 MPH E | 8 MPH ESE |
| Wet Leaves (Y/N) | N no | N no | N no |
| Soil Temperature | 54 F | 57 F | 68 F |
| Soil Moisture | NORMAL | WET | DRY |
| Soil Surface Condition | MEDIUM | MEDIUM | MEDIUM |
| % Cloud Cover | 30 | 33 | 15 |
| Next Moisture Occurred On | Apr-23-2020 | May-23-2020 | Jun-9-2020 |
| Time to Next Moisture | 18 HR | 8 HR | 10 HR |
| Moisture 6 Hours after Appl. | 0 IN | 0 IN | 0 cm |
| Moisture 1 Week after Appl. | 1.24 IN | 1.07 IN | 0.37 IN |

Crop Stage At Each Application

| | A | | B | | C | |
|-------------------------|-------|------|-------|------|-------|------|
| Crop 1 Code, BBCH Scale | ZEAMD | BCOR | ZEAMD | BCOR | ZEAMD | BCOR |
| Days after Emergence | -22 | | 9 | | 26 | |
| Stage Majority, Percent | | | 12 | 100 | 15 | 100 |
| Height Average | | | 3 | IN | 20 | IN |
| Height Minimum, Maximum | | | 3 | 3 | 19 | 21 |

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Pest Stage At Each Application

| | A | | B | | C | |
|---------------------------------|-------|--------|-------|--------|-------|----|
| Pest 1 Code, Type, Scale | SETFA | W | SETFA | W | SETFA | W |
| Stage Majority, Percent | 11 | 90 | 12 | 80 | 11 | 10 |
| Stage Minimum, Percent | 11 | 90 | 11 | 10 | | |
| Stage Maximum, Percent | 12 | 10 | 13 | 10 | | |
| Height Average | 0.5 | IN | 3 | IN | | |
| Height Minimum, Maximum | 0.5 | 0.75 | 1 | 3 | | |
| Density Average | | | 256 | PLA/m2 | | |
| Density Min, Max | | | 123 | 345 | | |
| Pest 2 Code, Type, Scale | AMBTR | W | AMBTR | W | AMBTR | W |
| Stage Majority, Percent | 14 | 80 | 21 | 90 | | |
| Stage Minimum, Percent | 10 | 10 | 16 | 5 | | |
| Stage Maximum, Percent | 16 | 10 | 21 | 5 | | |
| Height Average | 2 | IN | 8 | IN | | |
| Height Minimum, Maximum | 1 | 3 | 6 | 12 | | |
| Density Average | | | 14 | PLA/m2 | | |
| Density Min, Max | | | 8 | 32 | | |
| Pest 3 Code, Type, Scale | CHEAL | W | CHEAL | W | CHEAL | W |
| Stage Majority, Percent | 12 | 80 | 16 | 90 | | |
| Stage Minimum, Percent | 10 | 10 | 15 | 5 | | |
| Stage Maximum, Percent | 14 | 10 | 17 | 5 | | |
| Height Average | 0.5 | IN | 3 | IN | | |
| Height Minimum, Maximum | 0.25 | 1 | 2 | 4 | | |
| Density Average | | | 30 | PLA/m2 | | |
| Density Min, Max | | | 0 | 112 | | |
| Pest 4 Code, Type, Scale | IPOHE | W | IPOHE | W | IPOHE | W |
| Stage Majority, Percent | 10 | 100 | | | | |
| Stage Minimum, Percent | 10 | 100 | | | | |
| Stage Maximum, Percent | 10 | | | | | |
| Height Average | 0.5 | IN | | | | |
| Height Minimum, Maximum | 0.5 | 0.5 | | | | |
| Density Average | 0.5 | PLA/m2 | | | | |
| Density Min, Max | 0 | 2 | | | | |
| Pest 5 Code, Type, Scale | ABUTH | W | ABUTH | W | ABUTH | W |
| Stage Majority, Percent | 10 | 100 | 12 | 100 | | |
| Stage Minimum, Percent | 10 | 100 | | | | |
| Stage Maximum, Percent | 10 | 100 | | | | |
| Height Average | 0.25 | IN | 1 | IN | | |
| Height Minimum, Maximum | 0.25 | 0.25 | 0.5 | 2 | | |
| Density Average | | | 1 | PLA/m2 | | |
| Density Min, Max | | | 0 | 4 | | |
| Pest 6 Code, Type, Scale | SIDSP | W | SIDSP | W | SIDSP | W |
| Stage Majority, Percent | | | 12 | 100 | | |
| Height Average | | | 0.5 | IN | | |
| Height Minimum, Maximum | | | 0.25 | 1 | | |
| Density Average | | | 1 | PLA/m2 | | |
| Density Min, Max | | | 0 | 2 | | |
| Pest 7 Code, Type, Scale | AMARE | W | AMARE | W | AMARE | W |
| Density Average | | | 1 | PLA/m2 | | |
| Density Min, Max | | | 0 | 4 | | |

Application Equipment

| | A | | B | | C | |
|---------------------------|--------|--------|----------|--------|----------|--------|
| Appl. Equipment | 6 Foot | TTI | 10' AIXR | | 10' AIXR | |
| Equipment Type | BACCAI | | BACCAI | | BACCAI | |
| Operation Pressure | 44 | PSI | 44 | PSI | 44 | PSI |
| Nozzle Type | TTI | | AIXR | | AIXR | |
| Nozzle Size | 110015 | | 110015 | | 110015 | |
| Nozzle Spacing | 18 | IN | 18 | IN | 18 | IN |
| Boom Length | 6.67 | FT | 10 | FT | 10 | FT |
| Boom Height | 20 | IN | 20 | IN | 20 | IN |
| Ground Speed | 3 | MPH | 3 | MPH | 3 | MPH |
| Carrier | WATER | | WATER | | WATER | |
| Application Amount | 15 | GAL/AC | 15 | GAL/AC | 15 | GAL/AC |
| Mix Size | 2 | L | 2 | L | 2 | L |
| Propellant | COMCO2 | | COMCO2 | | COMCO2 | |

| Context | Date | By | Notes |
|---------|-------------|------------------|--|
| STATUS | Mar-26-2020 | Dr. Mark M. Loux | Automatically added by ARM: Trial Status updated to 'S' during trial creation. |
| STATUS | Mar-26-2020 | Dr. Mark M. Loux | Automatically added by ARM: Trial Status updated to 'S' during trial creation. |
| STATUS | Apr-23-2020 | Dr. Mark M. Loux | Automatically added by ARM: Trial Status updated to 'E' when Initiation Date entered. |
| STATUS | May-28-2020 | Dr. Mark M. Loux | Automatically added by ARM: Trial Status updated to 'E' when Application Date entered. |

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 Sponsor Contact:

| Rating Type | WEIGHT | MOICON | WEITES | YIELD | | | | | |
|-------------------------------|-------------------------------------|-----------|------------|-----------------|-----------|----------|--------|--------|-----------|
| Rating Unit | LBS | % | LBS | BU | | | | | |
| Number of Subsamples | 1 | 1 | 1 | 1 | | | | | |
| Assessed By | Oct-14-2020 Oct-14-2020 Oct-14-2020 | | | | | | | | |
| Data Entry Date | Oct-14-2020 Oct-14-2020 Oct-14-2020 | | | | | | | | |
| Rating Timing | | | | | | | | | |
| Days After First/Last Applic. | 175 127 | 175 127 | 175 127 | 175 127 | | | | | |
| Trt-Eval Interval | | | | | | | | | |
| Plant-Eval Interval | 175 DP-1 | 175 DP-1 | 175 DP-1 | 175 DP-1 | | | | | |
| Days After Emergence | 153 DE-1 | 153 DE-1 | 153 DE-1 | 153 DE-1 | | | | | |
| ARM Action Codes | TY1 | | | | | | | | |
| Number of Decimals | 1 | 1 | 1 | 1 | | | | | |
| Trt Treatment No. Name | Rate | Rate Unit | Other Rate | Other Rate Unit | Appl Code | 28* | 29* | 30* | 31* |
| 1 Lexar EZ | 2.78 lb ai/a | | 3 qt/a | | A | 49.4 cd | 20.9 - | 57.0 - | 239.6 cd |
| 2 Resicore | 2.06 lb ai/a | | 2.5 qt/a | | A | 46.8 d | 20.9 - | 56.6 - | 227.0 d |
| 3 Halex GT | 2.2 lb ai/a | | 4 pt/a | | B | 53.9 abc | 20.9 - | 56.1 - | 261.6 abc |
| 3 Atrazine | 0.5 lb ai/a | | 1 pt/a | | B | | | | |
| 3 NIS | 0.25 % v/v | | 0.25 % v/v | | B | | | | |
| 3 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | B | | | | |
| 4 Capreno | 0.081 lb ai/a | | 3 oz/a | | B | 51.4 a-d | 20.7 - | 57.4 - | 250.0 a-d |
| 4 Atrazine | 0.5 lb ai/a | | 1 pt/a | | B | | | | |
| 4 Roundup Powermax | 0.98 lb ae/a | | 28 oz/a | | B | | | | |
| 4 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | B | | | | |
| 5 Bicep II Magnum | 2.06 lb ai/a | | 1.5 qt/a | | A | 50.1 bcd | 20.9 - | 57.7 - | 243.0 bcd |
| 5 Halex GT | 1.97 lb ai/a | | 3.6 pt/a | | C | | | | |
| 5 Atrazine | 0.5 lb ai/a | | 1 pt/a | | C | | | | |
| 5 NIS | 0.25 % v/v | | 0.25 % v/v | | C | | | | |
| 5 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 6 Lexar EZ | 1.39 lb ai/a | | 1.5 qt/a | | A | 55.5 a | 20.9 - | 57.3 - | 269.3 a |
| 6 Halex GT | 1.97 lb ai/a | | 3.6 pt/a | | C | | | | |
| 6 Atrazine | 0.5 lb ai/a | | 1 pt/a | | C | | | | |
| 6 NIS | 0.25 % v/v | | 0.25 % v/v | | C | | | | |
| 6 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 7 Bicep II Magnum | 2.3 lb ai/a | | 1.67 qt/a | | A | 38.2 e | 20.8 - | 55.2 - | 185.9 e |
| 8 Bicep II Magnum | 2.3 lb ai/a | | 1.67 qt/a | | A | 55.2 ab | 21.1 - | 57.2 - | 267.4 ab |
| 8 Shieldex | 0.026 lb ai/a | | 1 oz/a | | C | | | | |
| 8 Atrazine | 0.5 lb ai/a | | 1 pt/a | | C | | | | |
| 8 COC | 1 % v/v | | 1 % v/v | | C | | | | |
| 8 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 9 Bicep II Magnum | 2.3 lb ai/a | | 1.67 qt/a | | A | 56.2 a | 21.1 - | 57.3 - | 271.8 a |
| 9 Impact | 0.0219 lb ai/a | | 1 oz/a | | C | | | | |
| 9 Atrazine | 0.5 lb ai/a | | 1 pt/a | | C | | | | |
| 9 COC | 1 % v/v | | 1 % v/v | | C | | | | |
| 9 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |

Means followed by same letter or symbol do not significantly differ (P=0.05, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 * Adjusted means

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| | | | | |
|-------------------------------|-------------|-------------|-------------|-------------|
| Pest Type | | | | |
| Pest Code | | | | |
| Pest Scientific Name | | | | |
| Pest Name | | | | |
| Crop Type, Code | C ZEAMX | C ZEAMX | C ZEAMX | C 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 | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 |
| Rating Type | WEIGHT | MOICON | WEITES | YIELD |
| Rating Unit | LBS | % | LBS | BU |
| Number of Subsamples | 1 | 1 | 1 | 1 |
| Assessed By | | | | |
| Data Entry Date | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 | |
| Rating Timing | | | | |
| Days After First/Last Applic. | 175 127 | 175 127 | 175 127 | 175 127 |
| Trt-Eval Interval | | | | |
| Plant-Eval Interval | 175 DP-1 | 175 DP-1 | 175 DP-1 | 175 DP-1 |
| Days After Emergence | 153 DE-1 | 153 DE-1 | 153 DE-1 | 153 DE-1 |
| ARM Action Codes | | | | TY1 |
| Number of Decimals | 1 | 1 | 1 | 1 |

| Trt No. | Treatment Name | Rate | Unit | Other Rate | Other Unit | Appl Code | 28* | 29* | 30* | 31* |
|---------|-----------------|----------------|------|------------|------------|-----------|----------|--------|--------|-----------|
| 10 | Bicep II Magnum | 2.3 lb ai/a | | 1.67 qt/a | | A | 54.5 abc | 21.0 - | 57.5 - | 264.2 abc |
| 10 | Laudis | 0.082 lb ai/a | | 3 oz/a | | C | | | | |
| 10 | Atrazine | 0.5 lb ai/a | | 1 pt/a | | C | | | | |
| 10 | COC | 1 % v/v | | 1 % v/v | | C | | | | |
| 10 | N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 11 | Resicore | 2.06 lb ai/a | | 2.5 qt/a | | A | 56.3 a | 21.0 - | 57.5 - | 273.1 a |
| 11 | Atrazine | 1 lb ai/a | | 2 pt/a | | A | | | | |
| 11 | Durango DMA | 1 lb ae/a | | 32 oz/a | | C | | | | |
| 11 | Status | 0.0875 lb ai/a | | 2.5 oz/a | | C | | | | |
| 11 | N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 12 | Surestart | 1.6 lb ai/a | | 3 pt/a | | A | 55.5 a | 20.9 - | 57.5 - | 269.4 a |
| 12 | Atrazine | 1.5 lb ai/a | | 3 pt/a | | A | | | | |
| 12 | Durango DMA | 1 lb ae/a | | 32 oz/a | | C | | | | |
| 12 | Status | 0.0875 lb ai/a | | 2.5 oz/a | | C | | | | |
| 12 | N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| 13 | Resicore | 1.03 lb ai/a | | 1.25 qt/a | | A | 55.9 a | 21.3 - | 57.3 - | 270.3 a |
| 13 | Atrazine | 1 lb ai/a | | 1 qt/a | | A | | | | |
| 13 | Resicore | 1.03 lb ai/a | | 1.25 qt/a | | C | | | | |
| 13 | Durango DMA | 1 lb ae/a | | 1 qt/a | | C | | | | |
| 13 | N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |

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| Pest Type | | | | | | | | | |
|-------------------------------|---------------|-------------|-------------|-------------|-----------|----------|---------|----------|-----------|
| Pest Code | | | | | | | | | |
| Pest Scientific Name | | | | | | | | | |
| Pest Name | | | | | | | | | |
| Crop Type, Code | C ZEAMX | C ZEAMX | C ZEAMX | C 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 | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 | | | | | |
| Rating Type | WEIGHT | MOICON | WEITES | YIELD | | | | | |
| Rating Unit | LBS | % | LBS | BU | | | | | |
| Number of Subsamples | 1 | 1 | 1 | 1 | | | | | |
| Assessed By | | | | | | | | | |
| Data Entry Date | Oct-14-2020 | Oct-14-2020 | Oct-14-2020 | | | | | | |
| Rating Timing | | | | | | | | | |
| Days After First/Last Applic. | 175 127 | 175 127 | 175 127 | 175 127 | | | | | |
| Trt-Eval Interval | | | | | | | | | |
| Plant-Eval Interval | 175 DP-1 | 175 DP-1 | 175 DP-1 | 175 DP-1 | | | | | |
| Days After Emergence | 153 DE-1 | 153 DE-1 | 153 DE-1 | 153 DE-1 | | | | | |
| ARM Action Codes | TY1 | | | | | | | | |
| Number of Decimals | 1 | 1 | 1 | 1 | | | | | |
| Trt Treatment | Rate | Rate | Other | Other | Appl | 28* | 29* | 30* | 31* |
| No. Name | Unit | Unit | Rate | Rate | Unit Code | | | | |
| 14 Anthem Maxx | 0.134 lb ai/a | | 4 oz/a | | A | 53.5 abc | 21.1 - | 57.2 - | 259.2 abc |
| 14 Atrazine | 1.5 lb ai/a | | 3 pt/a | | A | | | | |
| 14 Mesotrione | 0.094 lb ai/a | | 3 oz/a | | C | | | | |
| 14 Atrazine | 1 lb ai/a | | 2 pt/a | | C | | | | |
| 14 Roundup Powermax | 1.13 lb ae/a | | 32 oz/a | | C | | | | |
| 14 N PAK-AMS | 2.5 % v/v | | 2.5 % v/v | | C | | | | |
| LSD P=.05 | | | | | | 5.19 | 0.48 | 1.92 | 24.84 |
| Standard Deviation | | | | | | 3.63 | 0.33 | 1.34 | 17.37 |
| CV | | | | | | 6.94 | 1.59 | 2.35 | 6.85 |
| Grand Mean | | | | | | 52.32 | 20.96 | 57.05 | 253.70 |
| Levene's F | | | | | | 0.463 | 0.691 | 1.055 | 0.485 |
| Levene's Prob(F) | | | | | | 0.933 | 0.761 | 0.422 | 0.921 |
| Rank X2 | | | | | | . | . | . | . |
| P(Rank X2) | | | | | | . | . | . | . |
| Skewness | | | | | | -0.8924* | 0.5384 | -3.972* | -0.9575* |
| Kurtosis | | | | | | 0.5187 | 1.3783* | 20.6133* | 0.6354 |
| Replicate F | | | | | | 7.306 | 7.718 | 1.080 | 6.748 |
| Replicate Prob(F) | | | | | | 0.0005 | 0.0004 | 0.3689 | 0.0009 |
| Treatment F | | | | | | 7.571 | 0.802 | 1.002 | 7.647 |
| Treatment Prob(F) | | | | | | 0.0001 | 0.6542 | 0.4679 | 0.0001 |

Crop Type, Code

C = EPPO species (Bayer) codes
 ZEAMX, BCOR, Zea mays, Corn = US

Rating Type

WEIGHT = weight
 MOICON = moisture content
 WEITES = weight - test
 YIELD = yield

Rating Unit

% = percent
 BU = bushel

Plant-Eval Interval

175 DP-1 = 1 ZEAMD Apr-22-2020

ARM Action Codes

TY1 = 5.185714*[28]*(100-[29])/84.5

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
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 * Adjusted means