Technical Report - TR25-6

COLORADO STATE UNIVERSITY

Agricultural Experiment Station

College of Agricultural Sciences - Department of Soil & Crop Sciences - Extension

2025

# CORN HYBRID PERFORMANCE TRIALS

## Making Better Decisions

CROPS TESTING PROGRAM

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# Authors

Sally Jones-Diamond – Director, Crops Testing Program, CSU Department of Soil and Crop Sciences, Phone: 970-214-4611, E-mail: sally.jones@colostate.edu

Jason Webb – Research Agronomist, Crops Testing Program, Colorado State University, Dept. of Soil and Crop Sciences, Phone: 970-520-1359, E-mail: jason.webb@colostate.edu

Ed Asfeld – Research Associate, Crops Testing Program, CSU Department of Soil and Crop Sciences, Phone: 970-554-0980, E-mail: ed.asfeld@colostate.edu

Kevin Tanabe – Farm Manager, CSU Arkansas Valley Research Center, Phone: 719-254-6312, E-mail: kevin.tanabe@colostate.edu

Jeff Davidson – Assistant Manager, CSU Arkansas Valley Research Center, Phone: 719-254-6312, E-mail: jeffery.davidson@colostate.edu

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## Additional Corn Resources

Colorado State University Crop Variety Testing Program: www.csucrops.org

Colorado Corn: Best Management Practices for Colorado Farms:
http://waterquality.colostate.edu/documents/BMP_Corn6192020.pdf

For the fastest access to up-to-date variety information and results visit us at: www.csucrops.org


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Colorado State University Crops Testing Program
Department of Soil and Crop Sciences
Colorado State University Extension
Colorado Agricultural Experiment Station

# 2025 Colorado Corn Hybrid Performance Trials

Sally Jones-Diamond and Jason Webb

Colorado State University (CSU) conducts hybrid corn performance trials to provide research-based, unbiased, current, and reliable information to Colorado corn producers to make better planting decisions. CSU promotes crop variety testing as a service to crop producers and seed companies who depend on us for crop variety performance information. The corn trials are made possible by funding received from company entry fees, the Colorado Corn Promotion Council, and the CSU Agricultural Experiment Station.

Colorado State University personnel planted three irrigated and one dryland corn grain hybrid performance trials in Colorado and one irrigated silage performance trial. Irrigated grain trial locations were at Burlington, Holyoke, and Yuma. The irrigated silage trial was at Rocky Ford. The dryland trial was located at Akron. Thirty-six hybrids with diverse origins, maturities, and value-added traits were tested at the different irrigated and dryland trial locations.

The 2025 trials all had above average rainfall through the growing season. As a result, the yields of the dryland corn trial were exceptionally high. A cool fall delayed corn grain harvest at all locations by about two weeks across eastern Colorado.

All trial results were statistically analyzed and reported shortly after harvest on our website at www.csucrops.org

## Testing Methods

Hybrids were included in the tests based on paid company entries where company representatives select and enter hybrids and provide seed for planting. Sometimes check hybrids are included at the request of the farmer cooperators, or at our discretion based on past performance or production acreage in the region for certain hybrids.

All trial entries were randomized within each replication using a randomized complete block design. Irrigated hybrid performance trials contained three replicates at each location, with 35-foot plots, each containing four rows planted with 30-inch spacing. The center two rows of each irrigated plot were used for data collection. The dryland hybrid performance trials contained four replications at each location, with 35-foot-long plots and the same row configurations and harvested area as the irrigated trials.

Plots at all locations, except the Rocky Ford research station, were planted using a four-row Seed Research Equipment Solutions (SRES) 2013 Classic Aire small-plot vacuum planter equipped with Monosem Seed Meters. Trials at Rocky Ford were planted with an International 800 cone planter. All irrigated grain trials were planted at 36,500 seeds per acre, and the Rocky Ford silage trial was planted at 38,300 seeds per acre. The dryland trial at Akron was planted at 15,000 seeds per acre. Grain yields for all trial hybrids are reported in their respective tables.

Grain corn plots at all locations were harvested using a 2024 Zurn 150 plot combine, equipped with an H2 GrainGage weighing system, which records grain weight, moisture, and test weight.

Irrigated silage plots at Rocky Ford were harvested using a two-row, pull-type, New Holland 880 chopper equipped with an electronic automated weighing system. All grain corn yields have been adjusted to 15.5% moisture content, and silage yields have been reported in both dry matter and moisture-adjusted (65%) moisture content.

Data Results

The least significant difference (LSD) is provided at the bottom of each results table. The LSD helps determine whether differences in hybrid yields are statistically significant. When the yield difference between two hybrids meets or exceeds the LSD value, the difference is considered significant. If two entries being compared have a difference in yield that is less than the LSD value, those two entries are considered equal yielding. Farmers should use the LSD ($P<0.30$), which has a larger range of tolerance, for selecting superior hybrids to minimize economic loss due to false negative conclusions (concluding hybrids are the same when they are actually different). Scientists, academics, and others may choose to use LSD ($P < 0.05$), which has a narrower tolerance range, to minimize the risk of false-positive conclusions (i.e., concluding hybrids differ when they are actually the same). Hybrid yields in bold are in the highest LSD yield group and are considered to be equal yielding to each other, but higher yielding than the non-bolded hybrid yields. Hybrids in the table are first grouped by maturity range and then sorted from highest to lowest yield.

While yield performance is the primary focus of this report, many factors should be considered when selecting a hybrid. These factors may include time to maturity, herbicide tolerance, disease resistance, pest tolerance, standability, drought tolerance, and cost.

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# 2025 Dryland Corn Hybrid Performance Trial at Akron

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| Brand | Hybrid | Insect and Herbicide Technology Traits[a] | Grain Yield[b] | Yield | Relative Maturity[c] | Moisture | Test Weight | Population |
|---|---|---|---|---|---|---|---|---|
| | | | bu/ac | % of test avg. | | percent | lb/bu | plants/ac |
| Channel | 205-85 | VT2P, GLY | **177** | 113% | 105 | 15.6 | 59.3 | 15,536 |
| Channel | 204-55 | TRERIB, GLY | **177** | 113% | 104 | 16.3 | 59.7 | 15,391 |
| Allegiant | 10485 DGVT2P | DG, VT2P, GLY | **173** | 110% | 104 | 16.5 | 60.5 | 14,520 |
| Channel | 205-40 | VT4P, GLY | **173** | 110% | 105 | 17.4 | 58.4 | 15,028 |
| Hoegemeyer Hybrids | 6654 V | V, GLY, LL | 162 | 103% | 104 | 14.1 | 60.6 | 14,520 |
| Dekalb | DKC099-11RIB | VT2P, GLY | 151 | 96% | 99 | 15.1 | **61.6** | 13,939 |
| Allegiant | 10673 PWE EXP | PWE, GLY, LL | 147 | 94% | 106 | 17.4 | 58.9 | 13,721 |
| Dekalb | DKC105-35RIB | VT2P, GLY | 144 | 92% | 105 | 15.8 | 59.6 | 14,230 |
| Channel | 200-71 | TRERIB, GLY | 136 | 86% | 100 | 15.2 | **61.5** | 14,230 |
| Pioneer | P0487Q | Q, GLY, LL | 133 | 84% | 104 | 15.9 | **62.0** | 13,431 |
| | | **Average** | **157** | **100%** | **104** | **15.9** | **60.2** | **14,500** |
| | | [d]LSD (0.30) | 11 | | | | 0.7 | |
| | | [d]LSD (0.05) | 21 | | | | 1.4 | |
| | | Coefficient of Variation (%) | 8.1 | | | | 1.4 | |

[a]Technology trait designations:DG=DroughtGard; GLY=Glyphosate; LL=LibertyLink; PWE=Powercore Enlist Refuge Adv.; Q=QROME; TRERIB= Trecepta RIB Complete; V=Vorceed Enlist; VT2P=VecTran Double Protection; VT4P=VecTran Quad Protection with RNAi Technology. For a list of specific pests controlled by each trait, please click here.

[b]Yields corrected to 15.5% moisture.

[c]Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

[d]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

**Site Information**

| | |
|---|---|
| Collaborator: | Central Great Plains USDA-ARS Research Station |
| Planting Date: | May 16, 2025 |
| Harvest Date: | November 5, 2025 |
| Fertilizer: | 3 gal/ac of 10-34-0 at planting |
| Herbicides: | Burndown on 4/22/25: Buccaneer Plus at 32 oz/ac, Dicamba HD at 4 oz/ac, Sharpen at 2 oz/ac, Tapran at 4 pt/100 gal, and AMS at 8.5 lb/100 gal<br>Post-Plant: Buccaneer Plus at 32 oz/ac, Yukon at 8 oz/ac, Staredown at 0.4 pt/ac, Warrant at 2 qt/ac, Tapran at 2 pt/100 gal, and AMS at 8.5lb/100 gal |
| Soil Type: | Rago Silt Loam |
| GPS Coordinates: | 40.1512843, -103.13524 |
| Trial Comments: | The trial was planted 1.5" deep into good moisture and received significant and timely moisture throughout the growing season. There was no storm damage. Weed control was exceptional throughout the growing season. Total rainfall from planting to harvest was 15.8". |


*Contact Sally Jones-Diamond at sally.jones@colostate.edu or Jason Webb at jason.webb@colostate.edu.*

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# 2025 Irrigated Corn Hybrid Performance Trial at Burlington

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| Brand | Hybrid | Insect and Herbicide Technology Traits[a] | Grain Yield[b] | Yield | Relative Maturity[c] | Moisture | Test Weight | Population |
|---|---|---|---|---|---|---|---|---|
| | | | bu/ac | % of test avg. | | percent | lb/bu | plants/ac |
| 108-113 Relative Maturity | | | | | | | | |
| Hoegemeyer Hybrids | 8351 V | V, GLY, LL | **255** | 111% | 113 | 15.2 | 63.7 | 38,115 |
| Hoegemeyer Hybrids | 8039 V | V, GLY, LL | 240 | 104% | 110 | 13.8 | 63.5 | 33,759 |
| Channel | 210-18 | SSPro, GLY, LL | 239 | 103% | 110 | 13.8 | 61.7 | 35,066 |
| Dekalb | DKC110-10RIB | SS, GLY, LL | 238 | 103% | 110 | 14.5 | 64.0 | 37,389 |
| Dyna-Gro Seed | D52TC66RIB | GLY, SS | 237 | 103% | 112 | 14.1 | 63.4 | 36,663 |
| Pioneer | P12904Q | Q, GLY, LL | 231 | 100% | 112 | 14.2 | 61.9 | 35,792 |
| Dyna-Gro Seed | D52PN76RA | PCE, GLY, LL | 230 | 100% | 112 | 14.7 | 62.1 | 38,768 |
| Channel | 213-53 | SSPro, GLY, LL | 220 | 95% | 113 | 13.8 | 63.3 | 35,138 |
| Hoegemeyer Hybrids | 8220 PCE | PCE, GLY, LL | 212 | 92% | 112 | 14.7 | 64.0 | 36,155 |
| Dekalb | DKC108-64RIB | SSPro, GLY, LL | 207 | 90% | 108 | 13.7 | 62.7 | 35,792 |
| 101-107 Relative Maturity | | | | | | | | |
| Dekalb | DKC101-33RIB | SSProRIB, GLY, LL | 241 | 104% | 101 | 13.1 | 61.8 | 32,307 |
| Channel | 205-08 | SSPro, GLY, LL | 237 | 103% | 105 | 13.4 | 62.7 | 35,501 |
| Dekalb | DKC105-33 | SSProRIB, GLY, LL | 237 | 103% | 105 | 13.2 | 62.6 | 37,026 |
| Channel | 207-34 | SSPro, GLY, LL | 231 | 100% | 107 | 13.5 | 62.6 | 34,921 |
| Dyna-Gro Seed | D44PN56RA | PCE, GLY, LL, EN | 228 | 99% | 104 | 14.0 | 62.8 | 35,647 |
| Channel | 206-47 | VT4Pro, GLY | 225 | 97% | 106 | 14.1 | **64.4** | 38,115 |
| Channel | 205-40 | VT4Pro, GLY | 217 | 94% | 105 | 12.8 | 61.4 | 35,501 |
| | | **Average** | **231** | **100%** | **109** | **13.9** | **62.9** | **36,000** |
| | | [d]LSD (0.30) | 9 | | | | 0.3 | |
| | | [d]LSD (0.05) | 18 | | | | 0.6 | |
| | | Coefficient of Variation (%) | 4.1 | | | | 0.4 | |

[a]Technology trait designations:GLY=Glyphosate; LL=LibertyLink; PWE/PWC=Powercore Enlist Refuge Adv.; Q=QROME; SS=SmartStax; SSPro=SmartStax PRO; TRERIB= Trecepta RIB Complete; V=Vorceed Enlist; VT4Pro=VecTran Quad Protection with RNAi Technology. For a list of specific pests controlled by each trait, please click here.

[b]Yields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD group (0.30) within their respective maturity group. Hybrids grouped by maturity and then by yield within maturity group.

[c]Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

[d]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

**Site Information**

| | |
|---|---|
| Collaborator: | Zach Coryell |
| Planting Date: | May 9, 2025 |
| Harvest Date: | November 14, 2025 |
| Soil Type: | Norka Silt Loam |
| GPS Coordinates: | 39.33578, -102.20329 |
| Trial Comments: | Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season. |

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# 2025 Irrigated Corn Hybrid Performance Trial at Holyoke

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| Brand | Hybrid | Insect and Herbicide Technology Traits[a] | Grain Yield[b] | Yield | Relative Maturity[c] | Moisture | Test Weight | Population |
|---|---|---|---|---|---|---|---|---|
| | | | bu/ac | % of test avg. | | percent | lb/bu | plants/ac |
| 101-107 Relative Maturity | | | | | | | | |
| Dekalb | DKC105-33 | SSProRIB, GLY, LL | **266** | 108% | 105 | 13.5 | 61.0 | 40,729 |
| Dekalb | DKC101-33RIB | SSProRIB, GLY, LL | 254 | 104% | 101 | 12.7 | 60.9 | 32,307 |
| Channel | 205-08 | SSPro, GLY, LL | 246 | 100% | 105 | 13.8 | 62.1 | 32,670 |
| Channel | 207-34 | SSPro, GLY, LL | 243 | 99% | 107 | 13.9 | 61.9 | 34,775 |
| Channel | 205-40 | VT4Pro, GLY | 236 | 96% | 105 | 13.0 | 60.7 | 36,082 |
| Pioneer | P0487Q | Q, GLY, LL | 221 | 90% | 104 | 13.9 | **63.9** | 32,670 |
| Channel | 206-47 | VT4Pro, GLY | 217 | 89% | 106 | 14.0 | **63.8** | 40,075 |
| 108-113 Relative Maturity | | | | | | | | |
| Channel | 210-18 | SSPro, GLY, LL | **258** | 105% | 110 | 13.8 | 61.3 | 35,864 |
| Dekalb | DKC110-10RIB | SS, GLY, LL | 256 | 104% | 110 | 13.9 | 62.8 | 35,429 |
| Channel | 213-53 | SSPro, GLY, LL | 250 | 102% | 113 | 13.9 | 63.0 | 35,356 |
| Pioneer | P12904Q | Q, GLY, LL | 248 | 101% | 112 | 14.4 | 61.2 | 40,148 |
| Dekalb | DKC108-64RIB | SSPro, GLY, LL | 246 | 100% | 108 | 13.5 | 62.2 | 36,881 |
| | | **Average** | **245** | **100%** | **107** | **13.7** | **62.1** | **36,100** |
| | | [d]LSD (0.30) | 9 | | | | 0.3 | |
| | | [d]LSD (0.05) | 17 | | | | 0.5 | |
| | | Coefficient of Variation (%) | 2.9 | | | | 0.3 | |

[a]Technology trait designations: GLY=Glyphosate; LL=LibertyLink; Q=QROME; SS=SmartStax; SSPro=SmartStax PRO; VT4Pro=VecTran Quad Protection with RNAi Technology. For a list of specific pests controlled by each trait, please click here.

[b]Yields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD group (0.30) within their respective maturity group. Hybrids grouped by maturity and then by yield within maturity group.

[c]Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

[d]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

**Site Information**

| | |
|---|---|
| Collaborator: | Brent Adler |
| Planting Date: | April 30, 2025 |
| Harvest Date: | November 13, 2025 |
| Fertilizer: | Starter: N at 7, P at 19 and S at 3 lb/ac as 10-34-0 and thiosol |
| | Early Season: N at 9, P at 30, K at 51, S at 7, and Zn at 0.75 lb/ac |
| | Additional N was applied throughout the season through fertigation |
| Soil Type: | Julesburg loamy sand |
| GPS Coordinates: | 40.3642026, -102.0990730 |
| Trial Comments: | Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season. |

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# 2025 Irrigated Corn Hybrid Performance Trial at Yuma

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| Brand | Hybrid | Insect and Herbicide Technology Traits[a] | Grain Yield[b] | Yield | Relative Maturity[c] | Moisture | Test Weight | Population |
|---|---|---|---|---|---|---|---|---|
| | | | bu/ac | % of test avg. | | percent | lb/bu | plants/ac |
| 108-113 Relative Maturity | | | | | | | | |
| Hoegemeyer Hybrids | 8351 V | Vorceed, GLY, LL | **331** | 110% | 113 | 18.2 | 60.7 | 38,260 |
| Hoegemeyer Hybrids | 8039 V | Vorceed, GLY, LL | 315 | 105% | 110 | 15.4 | 61.0 | 39,567 |
| Pioneer | P12904Q | Q, GLY, LL | 312 | 103% | 112 | 17.8 | 59.9 | 36,082 |
| Dekalb | DKC110-10RIB | SS, GLY, LL | 311 | 103% | 110 | 15.1 | **62.9** | 39,785 |
| Hoegemeyer Hybrids | 8220 PCE | PCE, GLY, LL, EN | 309 | 102% | 112 | 17.0 | 61.7 | 38,115 |
| Channel | 210-18 | SSPro, GLY, LL | 307 | 102% | 110 | 17.2 | 59.2 | 37,825 |
| Dekalb | DKC108-64RIB | SSPro, GLY, LL | 294 | 97% | 108 | 13.2 | 61.5 | 35,937 |
| Channel | 213-53 | SSPro, GLY, LL | 291 | 97% | 113 | 15.7 | 61.8 | 38,333 |
| 101-107 Relative Maturity | | | | | | | | |
| Channel | 207-34 | SSPro, GLY, LL | 306 | 102% | 107 | 14.8 | 61.8 | 37,026 |
| Channel | 205-08 | SSPro, GLY, LL | 302 | 100% | 105 | 13.6 | **62.5** | 38,260 |
| Dekalb | DKC101-33RIB | SSProRIB, GLY, LL | 293 | 97% | 101 | 12.8 | 60.6 | 34,630 |
| Channel | 205-40 | VT4Pro, GLY | 292 | 97% | 105 | 13.6 | 60.1 | 39,712 |
| Dekalb | DKC105-33 | SSPro, GLY, LL | 281 | 93% | 105 | 13.9 | 60.6 | 40,148 |
| Allegiant | 105 SSP EXP | SSPro, GLY, LL | 277 | 92% | 105 | 13.4 | 61.2 | 38,696 |
| | | **Average** | **301** | **100%** | **108** | **15.1** | **61.1** | **38,000** |
| | | [d]LSD (0.30) | 11 | | | | 0.3 | |
| | | [d]LSD (0.05) | 22 | | | | 0.6 | |
| | | Coefficient of Variation (%) | 2.6 | | | | 0.4 | |

[a]Technology trait designations: EN=Enlist; GLY=Glyphosate; LL=LibertyLink; PCE=PowerCore Enlist; Q=QROME; RIB=Refuge in a Bag; SS=SmartStax; SSPro=SmartStax Pro; VT4Pro=VT4 PRO w/RNAi Technology. For a list of specific pests controlled by each trait, please click here.

[b]Yields corrected to 15.5% moisture. Hybrid yields are separated by relative maturity groups first, and then ranked from highest to lowest yield within each group. Hybrid yields in bold are in the top LSD group (0.30).

[c]Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

[d]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

**Site Information**

| | |
|---|---|
| Collaborator: | Richard Wacker |
| Planting Date: | April 29, 2025 |
| Harvest Date: | October 24, 2025 |
| Soil Type: | Manter sandy loam |
| GPS Coordinates: | 39.691130, -102.67428 |
| Trial Comments: | Planted 1.75" deep. Excellent emergence. No pest or disease issues noted during the growing season. |

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# 2025 Irrigated Silage Corn Hybrid Performance Trial at Rocky Ford

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| | | | Yield | | | | | | | | Forage Quality[a] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hybrid | Brand | Insect and Herbicide Technology Traits[b] | Silage[c] | Dry Matter | Yield | Moisture | Relative Maturity[d] | 50% Silk | Plant Population | Plant Height | CP | aNDFom | Lignin | Starch | Ash | Fat | NDFD 30hr | NDFD 240hr | TDN | NEL | Milk/Ton |
| | | | tons/ac | | % of test avg. | % at harvest | | date | plants/ac | in | percent | | | | | | | | | Mcal/cwt | lb/ton |
| DG57TC29 | Dyna Gro Seed | TRE, RR | **28.0** | **9.8** | 112% | 60.3 | 115 | 7/23 | 50,250 | 103 | - | - | - | - | - | - | - | - | - | - | - |
| D55TC86RIB | Dyna Gro Seed | TRERIB, RR | **27.8** | **9.7** | 111% | 60.8 | 115 | 7/24 | 48,750 | 102 | 7.6 | 35 | 3.1 | 40 | 3.5 | 2.1 | 49 | 65 | 74 | 76 | 3198 |
| M16S45 | May Seed | Conventional | 26.8 | 9.4 | 107% | 61.4 | 116 | 7/26 | 45,250 | 114 | 8.3 | 40 | 3.1 | 32 | 4.3 | 1.9 | 54 | 69 | 71 | 74 | 3114 |
| 72MAY80 | May Seed | Conventional | 26.0 | 9.1 | 104% | 61.2 | 118 | 7/24 | 48,750 | 106 | 7.6 | 42 | 3.5 | 32 | 4.0 | 1.8 | 57 | 72 | 71 | 74 | 3173 |
| M17GS01 | May Seed | Conventional | 25.9 | 9.1 | 103% | 58.6 | 121 | 7/25 | 40,000 | 108 | 7.7 | 37 | 2.6 | 39 | 3.5 | 2.2 | 55 | 71 | 73 | 76 | 3275 |
| M18S84 | May Seed | Conventional | 24.4 | 8.5 | 97% | 61.8 | 119 | 7/27 | 45,375 | 106 | 8.5 | 39 | 3.4 | 33 | 4.2 | 2.0 | 55 | 70 | 72 | 75 | 3183 |
| 94MAY66 | May Seed | Conventional | 23.9 | 8.4 | 95% | 52.9 | 116 | 7/24 | 46,375 | 101 | 8.2 | 38 | 2.6 | 35 | 4.1 | 2.1 | 57 | 71 | 72 | 75 | 3264 |
| M36GS60 | May Seed | Conventional | 23.0 | 8.0 | 92% | 67.4 | 117 | 7/28 | 46,625 | 106 | 8.5 | 43 | 3.4 | 28 | 4.6 | 1.7 | 58 | 72 | 70 | 72 | 3093 |
| M27BR80 | May Seed | Conventional | 22.6 | 7.9 | 90% | 62.0 | 114 | 7/26 | 44,625 | 103 | 8.3 | 43 | 2.7 | 30 | 4.5 | 1.7 | 67 | 79 | 71 | 73 | 3348 |
| EVEREST | May Seed | Conventional | 22.3 | 7.8 | 89% | 66.0 | 119 | 7/28 | 47,500 | 102 | 8.9 | 42 | 3.5 | 28 | 4.6 | 1.8 | 57 | 72 | 71 | 73 | 3136 |
| | | **Average** | **25.1** | **8.8** | **100%** | **61.2** | **117** | **7/25** | **46,400** | **105** | **8.2** | **40** | **3.1** | **33** | **4.1** | **1.9** | **57** | **71** | **72** | **74** | **3198** |
| | | [e]LSD (0.30) | 1.1 | 0.4 | | | | | | | | | | | | | | | | | |
| | | [e]LSD (0.05) | 2.0 | 0.7 | | | | | | | | | | | | | | | | | |
| | | Coefficient of Variation (%) | 2.9 | 2.9 | | | | | | | | | | | | | | | | | |

[a]All forage quality analyses results are dry basis values. CP=crude protein; aNDFom=ash free neutral detergent fiber; NDFD=neutral detergent fiber digestibility; TDN=total digestible nutrients; NEL=net energy for lactation; Milk/ton= predicted amount of milk produced per ton of silage dry matter calculated using MILK2006.

[b]Technology trait designations: RR=RoundUp; TRERIB=Trecepta RIB Complete. For a list of specific pests controlled by each trait, please click here.

[c]Silage yield adjusted to 65% moisture content based on dried samples. Hybrid yields in bold are in the top LSD group for the trial (0.30).

[d]Relative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

[e]Farmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

**Site Information**

Collaborator: CSU Arkansas Valley Research Center (Kevin Tanabe and Jeff Davidson)
Planting Date: May 14, 2025
Harvest Date: September 9, 2025
Herbicides: None applied in-season
Soil Type: Rocky Ford silty clay loam
GPS Coordinates: 38.0385359, -103.6950975
Trial Comments: Excellent stands and good early growth. The trial was cultivated twice and minimal weed pressure was present through the season.