SCS-2023-07

2023 Texas Corn Performance Variety Trials

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The Texas A&M University Systems

2023 TEXAS CORN PERFORMANCE VARIETY TRIALS

By

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2023 TEXAS CORN PERFORMANCE VARIETY TRIALS

Ronnie Schnell, Katrina Horn, Giordano Fontana, Jake Hanes, and Seth Murray

Introduction

Texas A&M AgriLife Research conducts corn performance tests each year to provide growers in Texas with accurate and unbiased information on hybrid performance at locations across the state. Selection of superior hybrids that are well adapted for a given region is essential for maximizing yield and profit.

This year, six irrigated and four non-irrigated test sites were planted in the major production regions of Texas. Major corn production regions include the Western Gulf Coastal Plain, Southern Texas Plains, East Central Texas Plains, Texas Blackland Prairies and High Plains. Approximate locations of the 2023 test sites are shown in Figure 1. A total of 223 entries were evaluated across 10 locations representing 43 unique hybrids from 9 commercial seed companies. Commercial seed companies enter hybrids into each trial location at their own discretion.

Performance trials are managed by personnel from the Crop Testing Program, Texas A&M AgriLife Research, and financed by fees collected from participating commercial seed companies. Test sites are on privately owned farms or at Texas A&M University AgriLife Research Centers. All entries are randomized and replicated four times at each location. All test sites are managed according to practices common to each production region. Field maps and planting plans can be found at the link below shortly after planting. Following harvest, results are statistically analyzed and made available at: http://varietytesting.tamu.edu/corn/.

Suggestions for Selecting Hybrids and Varieties

Variety or hybrid selection is often the first decision a grower must make each crop year. The goal is to identify hybrids with superior performance (top yielding) for your environment. Many environments exist in Texas with significant variation within regions and across years, mostly due to variation in weather. Documented, consistent yield performance within a region is essential for selecting hybrids that will perform well on your farming operation. This means that evaluation of hybrids over multiple locations and years (when possible) is the best way to predict future performance. Exercise caution when using single location data to compare hybrid performance.

Following yield performance, other characteristics may be useful for selecting the best hybrid. Maturity or days to flowering may be important for selecting hybrids that are appropriate for your growing season/conditions. Hybrids that possess insect or herbicide traits may be useful for managing various insect and weed pests found on your farm. While consistent yield will be the most important factor affecting hybrid selection, additional plant characteristics or traits could be used to select from hybrids with similar yield performance.

Field-Plot Techniques

Performance trials are conducted at each location using a randomized complete block design with four replications of each entry (hybrid). Plots are generally 2 rows wide with row spacing ranging from 30 to 40 inches depending on location. Population is determined based on the appropriate seeding rate for each production region and cropping system. Seeds are packaged to deliver 30 feet of planted row per plot. Seed is planted using a SRES Advanced research air planter with Monosem units at all sites. Following emergence, alleys are trimmed if necessary for a final plot length of 30 feet with a 4 foot alley. Alleys are maintained free of weeds throughout the growing season through mechanical or chemical control measures.

Cultural and agronomic practices adapted for each region are used as determined by the cooperator. Field data such as plant stands, plant height, ear height, silk dates and lodging are recorded at the appropriate times. All locations are harvested with a John Deere 3300 plot combine equipped with the HarvestMaster Grain Gauge that measures plot weight, test weight, and grain moisture. Field and harvest notes are compiled for each location and results analyzed.

Data Analysis and Reporting

Data from each location is analyzed statistically using SAS. Mean values for yield and additional agronomic data are presented in tables for each location. Mean values are derived from the average of all replications for each entry in each trial. Least Significant Difference (LSD) is a statistical test used that determines the minimum difference between two entries required to be considered having different levels of performance. Differences between entries (yield, plant height, etc.) less than the LSD value represents variation measurements due to factors other than hybrid performance, such as variation in soil type, soil moisture, fertility, insect or disease pressure, planting or harvesting procedures. Although numeric differences in yield or other measurements may exist, if two entries are within the LSD value, they should be considered to have equal performance. The Coefficient of Variation (CV) is used to determine the amount of variability in the data set relative to the mean and can be used to determine if the results are reliable. Generally, CV's greater than 20% indicate that the data is unreliable and is not reported. However, each data set is evaluated individually to determine if results will be reported.

In the 2023 Corn Hybrid Characteristics table you will find agronomic data submitted by each company for their entries. Agronomic information provided by the companies about their hybrids are found in the list below and include items such as cob color, grain color and genetic traits. Agronomic data measured and collected by the Crop Testing program is described in the section below.

Agronomic Data as designated by each company:

Cob Color:	R = red	W = white	P = pink
Grain Color:	Y = yellow	W = white	

Type GE (Genetically Engineered Traits):

Trait Family	Trait Name	Abbreviation
	Conventional	Conv
Agrisure	Agrisure 3122 E-Z Refuge	3122EZ
Agrisure	Agrisure CB/LL	CB/LL
Agrisure	Agrisure GT Artesian	GT-Artesian
Agrisure	Agrisure Duracade Viptera	DV
Agrisure	Agrisure Duracade	D
Agrisure	Agrisure D Refuge Renew	D
Agrisure	Agrisure Viptera	V
Agrisure	Agrisure Viptera 3111	V3111
Agrisure	Agrisure CB/LL/RW	CB/LL/RW
Agrisure	Agrisure 3010	GT/CB/LL
Agrisure	Agrisure RW	RW
Agrisure	Agrisure GT/RW	GT/RW
Agrisure	Agrisure Viptera 3110	V3110
Agrisure	Agrisure 3000GT	GT3K
Agrisure	Agrisure Artesian 3011A	3011A
Generic	BGTCBLL	BGTCBLL
Generic	GT	GT
Generic	RR2	RR2
Genuity	Genuity SmartStax RIB Complete	GEN SSXRIB
Genuity	Genuity VT Triple PRO	GEN VT3P
Genuity	Genuity SmartStax	GEN SSX
Genuity	Genuity VT Triple PRO RIB Complete (GENVT3P)	GEN VT3PRIB
Genuity	Genuity VT Double PRO	GEN VT2P
Genuity	Genuity VT Double PRO RIB Complete (GENVT2P)	GEN VT2PRIB
Genuity	Genuity Trecepta	Trecepta
Genuity	DroughtGard Roundup Ready Corn 2	GEN DG RR2
Genuity	Genuity DG VT Triple PRO	GEN DGVT3P
Genuity	Genuity DG VT Double PRO	GEN DGVT2P
Herculex	Herculex Extra (HXX)	HXX
Herculex	Herculex 1 (HX1)	HX1
Herculex	Herculex RW (HXRW)	HXRW
Mycogen	Enlist	Enlist
Mycogen	Powercore	Powercore
Mycogen	SmartStax	SSX
Optimum	Leptra	VYHR
Optimum	Optimum AcreMax1 (AM1)	AM1
Optimum	Optimum AcreMax Rootworm (AMRW-R)	AMRW-R

Optimum	Optimum AcreMax Xtra (AMX-R)	AMX-R
Optimum	Optimum AcreMax Xtreme (AMXT-R)	AMXT-R
Optimum	Optimum Intrasect	INT
Optimum	Optimum Intrasect Xtra	INT-X
Optimum	Optimum Intrasect Xtreme	INT-XT
Optimum	Optimum TRIsect	TRI
Optimum	Optimum Intrasect-AQUAmax	INT-AQUAmax
Optimum	Optimum AcreMax - AQUAmax (AM-R)	AM-AQUAmax
Optimum	Optimum AcreMax (AM-R)	AM-R
Refuge Advanced	Refuge Advanced (SmartStax)	SSX
YieldGard	YieldGard VT Triple	YG VT3

Measured Agronomic Data:

Days to Silk: the average number of days from planting to the date when 50 percent of the plants within the plot are in some stage of silking (R1).

Plant Height: the average height in inches from ground to top of tassel.

Ear Height: the average height in inches from ground to base of ear.

Grain Moisture: the average moisture at harvest as a percent (%).

Plant Population: the average number of plants per acre at harvest.

Test Weight: is a measure of bulk grain density and is determined by the seed weight per unit of volume. This is measured at harvest and expressed as pounds per bushel.

Yield: Standardized to 15.5% moisture: expressed in bushels per acre (bu/acre) and calculated using [((100 – moisture (%) /84.5) * yield (lb/acre)/56].

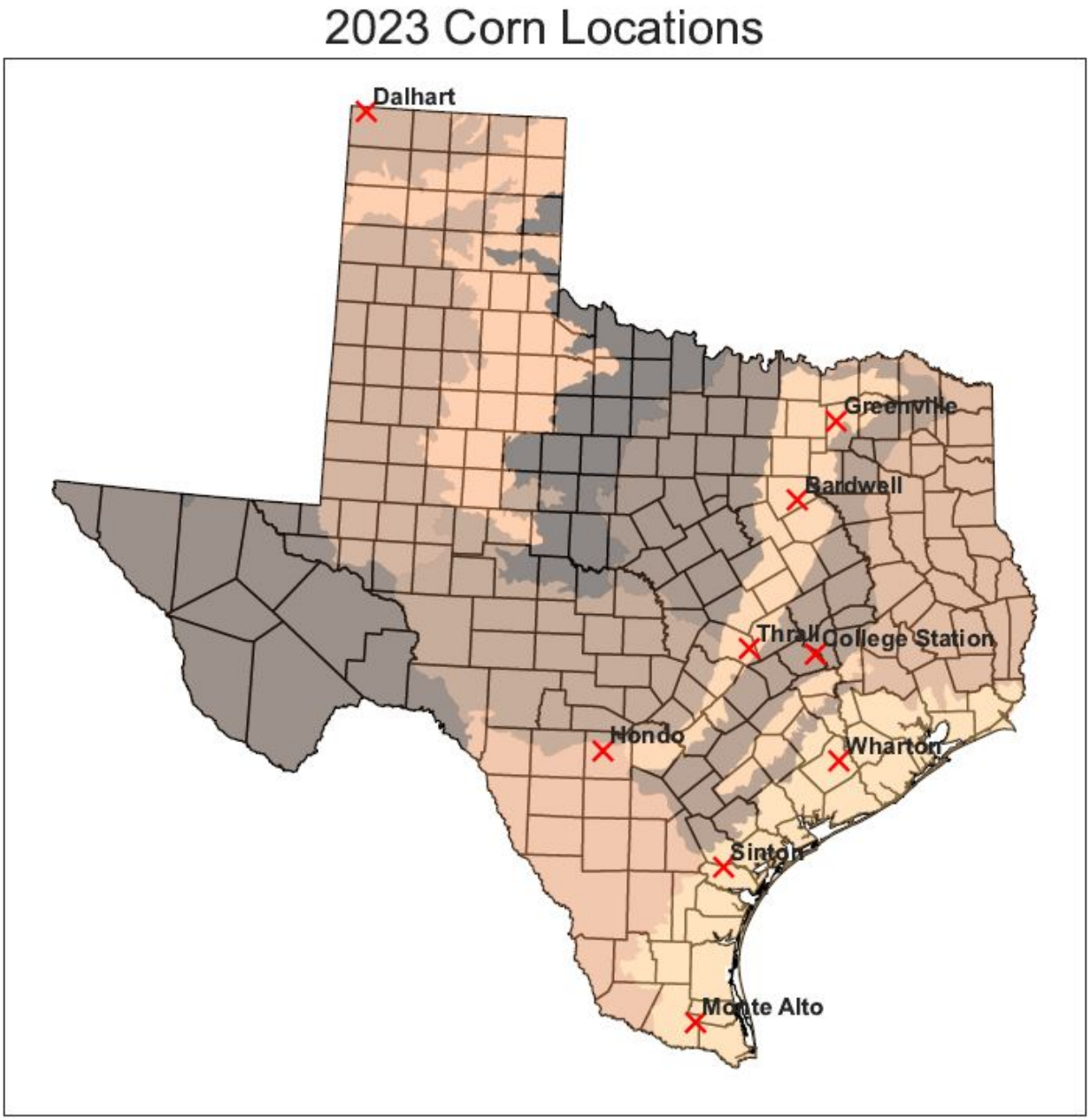
In addition to individual site performance, information on multi-year performance for each site is provided. Multi-year tables are presented as 2 and 3-year summaries of yield performance data. The entries are ranked according to hybrid performance in the current year. Hybrids must appear in two of the past three years to appear in this report.

Weather Reports

Weather reports are provided for each location. Reports are generated from planting date to date of harvest. The report includes the minimum and maximum temperatures, as well as cumulative precipitation. Weather data is obtained from Meteostat (https://dev.meteostat.net/bulk/) using Python library as an interface to bulk data dumps. Meteostat uses a mix of NOAA observations

and model data by default. Weather models are generally used to provide analysis for geographical locations where observed data is lacking. Greater spatial resolution of nearby observed data will improve model data. While not as good as measured observations, especially for local precipitation events and thunderstorms, composite weather data provides insight on factors influencing crop performance across various regions in Texas.

Figure 1. 2023 Corn Performance Trial Locations



2023 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
Bayer	DEKALB	DKC 70-45VT2	Genuity VT Double PRO	Yellow	Red	2995	120
Bayer	DEKALB	DKC 68-35VT2	Genuity VT Double PRO	Yellow	White	2965	118
Bayer	DEKALB	DKC 66-06TRE	Genuity Trecepta	Yellow	Pink	2910	116
Bayer	DEKALB	DKC 63-91VT2	Genuity VT Double PRO	Yellow	Red	2825	113
Bayer	DEKALB	DKC 62-89TRE	Genuity Trecepta	Yellow	Red	2815	112
Bayer	DEKALB	DKC 69-99TRE	Genuity Trecepta	Yellow	Red	2970	119
Corteva	Pioneer	P1847	Leptra	Yellow	Pink	2780	118
Corteva	Pioneer	P1759	N/A				
LG Seeds	LG Seeds	64C30TRC	Genuity Trecepta	Yellow	Red	2828	114
LG Seeds	LG Seeds	64C43VT2	Genuity VT Double PRO	Yellow	Red	2800	114
LG Seeds	LG Seeds	66C44STXRIB	Genuity SmartStax RIB Co	Yellow	Red	2876	116
LG Seeds	LG Seeds	68C18VT2	Genuity VT Double PRO	Yellow	Red	2995	118
LG Seeds	LG Seeds	66C06VT2P	Genuity VT Double PRO				
LG Seeds	LG Seeds	65C14TRC	Genuity Trecepta	Yellow	Red		115
LG Seeds	LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	Yellow	Red		117
Nutrien Ag	Dyna-Gro	D57TC29	Genuity Trecepta	Yellow	Pink	2790	117
Nutrien Ag	Dyna-Gro	D58VC65	Genuity VT Double PRO	Yellow	Red	2820	118
Nutrien Ag	Dyna-Gro	D54VC14	Genuity VT Double PRO	Yellow	Red	2710	114
Nutrien Ag	Dyna-Gro	D54VC34	Genuity VT Double PRO	Yellow	Red		114
Nutrien Ag	Dyna-Gro	D56TC44	Genuity Trecepta				
Nutrien Ag	Dyna-Gro	D57VC51	Genuity VT Double PRO	Yellow	Red	2810	117

2023 Corn

Hybrid Characteristics

Company	Brand	Hybrid	Transgenic Traits	Grain Color	Cob Color	GDD to Maturitry	Relative Maturity
Progeny Ag Products	Progeny	PGY9117VT2P	Genuity VT Double PRO	Yellow	Red	1375	117
Progeny Ag Products	Progeny	PGY2118VT2P	Genuity VT Double PRO	Yellow	Red	1390	118
Progeny Ag Products	Progeny	PGY2215TRE	Genuity Trecepta	Yellow	Red	1368	115
Stine Seed Company	Stine	9818-32	Agrisure Duracade Viptera				
Stine Seed Company	Stine	9752-32	Agrisure Duracade Viptera				
Syngenta	Golden Harvest	G16Q82	Agrisure Duracade Viptera	Yellow	Red		116
Syngenta	Golden Harvest	G15J91	Agrisure Viptera	Yellow	White		115
Syngenta	Golden Harvest	G17B31	Agrisure Viptera	Yellow	Red		117
Syngenta	Golden Harvest	G14B65	Agrisure Duracade Viptera	Yellow	Red		114
Wilbur-Ellis Company	Integra	6720	Genuity DG VT Double PRO				117
Wilbur-Ellis Company	Integra	6533VT	Genuity VT Double PRO	Yellow	Red	2775	115
Wilbur-Ellis Company	Integra	6410	SmartStax	Yellow	Red	2725	114
Wilbur-Ellis Company	Integra	6342	Genuity Trecepta	Yellow	Red	2720	113
Wilbur-Ellis Company	Integra	6641SS	SmartStax	Yellow	Red	2770	116
Wilbur-Ellis Company	Integra	6493	Genuity Trecepta				114
Wilbur-Ellis Company	Integra	6624	Genuity Trecepta				116
Wilbur-Ellis Company	Integra	CX301119	Genuity VT Double PRO				119

Hybrid characteristics are provided by representatives of each company.
For additional information contact your local seed dealer or:
Katrina Horn
katrina.horn@ag.tamu.edu
979-845-8505

Corn

Company Contacts

Company	Brand	Contact Information	Phone	Email
Agventure Pinnacle	Agventure	Nicolaas Vos 2545 Road J Hugoton, KS 67951	620-629-1164	nick@agventurehighplains.com
Bayer	DEKALB	Kagan Randolph PO Box 433 Sunray, TX 79086	806-338-1751	kagan.randolph@bayer.com
Bayer	DEKALB	Travis Courtney Lorena, TX 76655	806-292-7683	travis.courtney@bayer.com
Innvictis Seed Solutions	Innvictis	Max Crittenden 1803 Laura Ln College Station, TX 77840	542-652-0032	max.crittenden@innvictis.com
LG Seeds	LG Seeds	Jorge Guzman 1212 E Jackson Ave Phar, TX 78577	956-603-7133	jorge.guzman@lgseeds.com
LG Seeds	LG Seeds	Matt Teply 1122 E 169th Street Westfield, IN 46074	308-883-0515	matt.teply@lgseeds.com
Nutrien Ag	Dyna-Gro	Cord Willms 1024 Willms Road Columbus, TX 78934	361-960-4399	james.willms@nutrien.com
Nutrien Ag	Dyna-Gro	Phil Michener 3005 Rocky Mountain Ave Loveland, CO 80538	662-822-8242	phillip.michener@nutrien.com
Progeny Ag Products	Progeny	Brian Murray 1529 Hwy 193 Wynne, AR 72396	870-208-4428	bmurray@progenyag.com
Stine Seed Company	Stine	Todd Oliver 11350 Hwy 359 Sandia, TX 78383	806-445-1294	wtoliver@stineseed.com
Syngenta	Golden Harvest	Jake Gouldie	785-458-9238	jake.gouldie@syngenta.com

Corn

Company Contacts

Company	Brand	Contact Information	Phone	Email
Wilbur-Ellis Company	Integra	Mark Menke 87194 494th Ave O'Neil, NE 68763	513-540-9355	mmenke@wilburellis.com

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Monte Alto
2023 Corn
Performance Trial

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Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	63	84	29	30,380	12.9	60.6	204
Integra	6624	Genuity Trecepta	60	84	31	32,502	12.7	60.1	193
Integra	CX301119	Genuity VT Double PRO	62	86	34	32,251	12.5	59.6	192
DEKALB	DKC 69-99TRE	Genuity Trecepta	62	83	31	30,492	13.5	61.0	185
Dyna-Gro	D56TC44	Genuity Trecepta	61	82	28	30,576	12.5	59.8	184
Dyna-Gro	D57VC51	Genuity VT Double PRO	61	81	31	28,984	12.8	59.3	181
Integra	6342	Genuity Trecepta	60	78	28	30,660	12.0	58.4	180
LG Seeds	64C30TRC	Genuity Trecepta	59	81	30	29,822	12.3	59.8	175
LG Seeds	65C14TRC	Genuity Trecepta	62	82	28	29,487	12.4	58.9	171
Integra	6641SS	SmartStax	60	76	31	30,743	13.1	59.9	170
Dyna-Gro	D57TC29	Genuity Trecepta	61	87	29	28,817	12.0	58.6	167
LG Seeds	66C06VT2P	Genuity VT Double PRO	61	87	33	31,330	12.2	57.5	164
Integra	6493	Genuity Trecepta	61	80	32	30,324	12.4	60.7	162
Dyna-Gro	D54VC14	Genuity VT Double PRO	59	78	28	28,398	12.0	58.1	158
Integra	6533VT	Genuity VT Double PRO	59	73	27	30,995	12.5	59.9	156
Integra	6410	SmartStax	60	74	28	31,413	12.1	60.0	156
Dyna-Gro	D58VC65	Genuity VT Double PRO	60	75	24	28,314	12.5	60.7	151
Stine	9752-32	Agrisure Duracade Viptera	63	78	29	29,906	11.1	54.9	125

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

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2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		61	80	29	30,300	12.4	59.3	171
	C.V. %		2.4	3.9	9.6	4.3	1.6	1.0	5.4
	P>f (hybrid)		0.002	0.000	0.002	0.000	0.000	0.000	0.000
	L.S.D.		2.1	4.5	4.0	1,872.6	0.3	0.9	13.5

Agronomic information

Plant Date	2/26/2023
Harvest Date	7/5/2023
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	30,000
Precipitation (in)	18.6
Irrigation (in)	0

Herbicide

1.5 lb/ac Atrazine + 1.66 pt/ac S-Metolachlor

Soil Type	Racombes sandy clay loam
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

*Trial was pre-watered

Cooperator: Texas AgriScience

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
Dr. Ronnie Schnell / Katrina Horn
ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

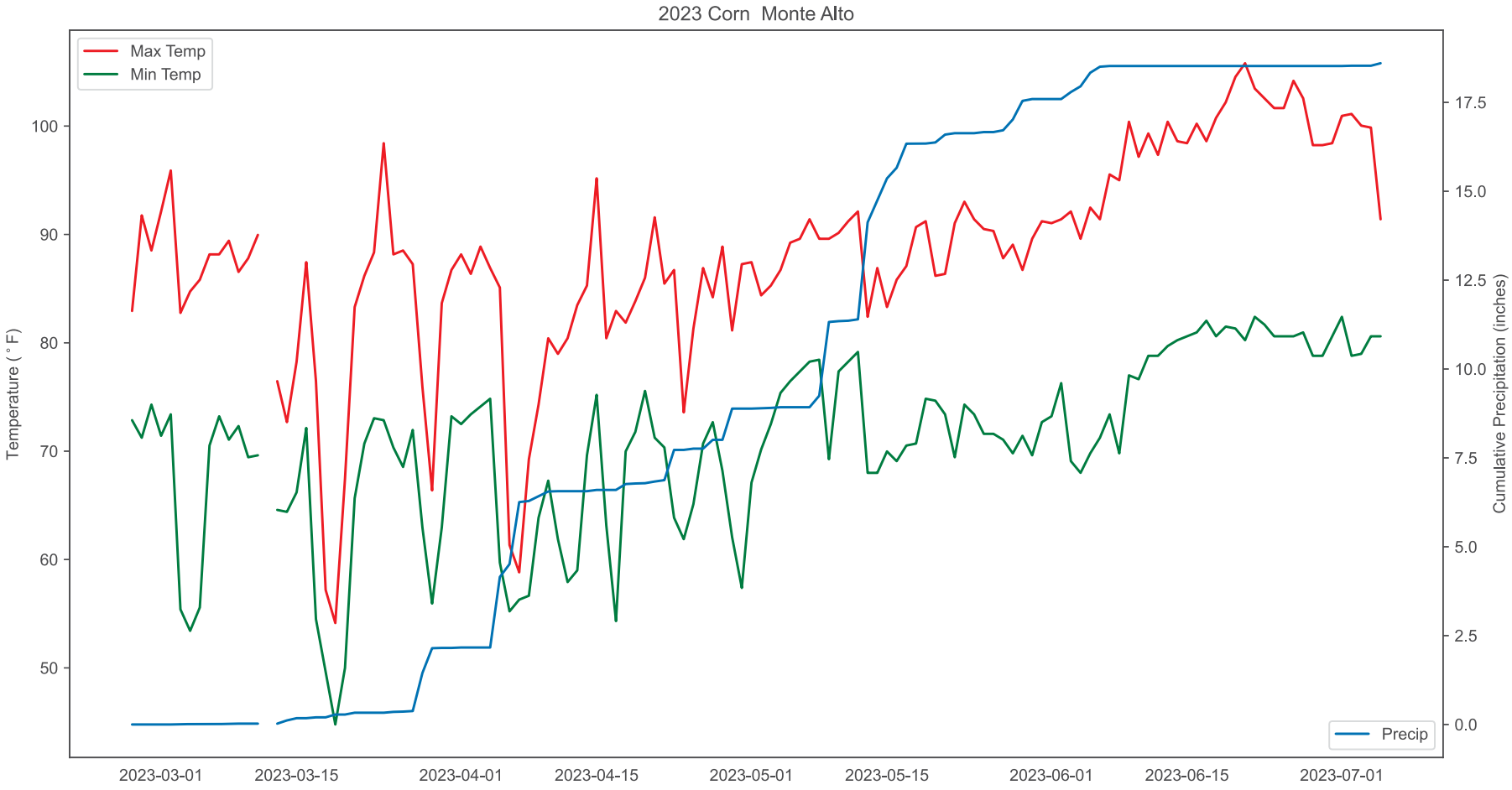
Fertilizer Applied

N (lb/ac)	165
P2O5 (lb/ac)	66
K2O (lb/ac)	0
S (lb/ac)	0
Zn (lb/ac)	0

Soil Analysis Report**

NO3-N (ppm)		pH	
P (ppm)*		Conductivity (umho/cm)	
K (ppm)*		Ca (ppm)*	
S (ppm)*		Mg (ppm)*	
		Na (ppm)*	

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Monte Alto
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2023-03-01
2023-03-15
2023-04-01
2023-04-15
2023-05-01
2023-05-15
2023-06-01
2023-06-15
2023-07-01

Corn
Monte Alto
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 69-99TRE	191	167
Wilbur-Ellis Company	Integra	6342	176	156
Wilbur-Ellis Company	Integra	6641SS	175	154
Nutrien Ag	Dyna-Gro	D57VC51	174	161
Nutrien Ag	Dyna-Gro	D57TC29	173	158
LG Seeds	LG Seeds	64C30TRC	171	152
LG Seeds	LG Seeds	65C14TRC	170	
Wilbur-Ellis Company	Integra	6533VT	161	149
Wilbur-Ellis Company	Integra	6410	156	145
Nutrien Ag	Dyna-Gro	D54VC14	153	141

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

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2023 Corn
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Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	6624	Genuity Trecepta	N/A	79	25	23,904	12.0	57.9	121
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	80	24	23,522	11.3	57.1	118
Integra	6641SS	SmartStax	N/A	82	30	21,943	13.2	57.9	117
Dyna-Gro	D54VC14	Genuity VT Double PRO	N/A	75	26	22,107	11.5	57.8	117
Innvictis	A1542T	Genuity Trecepta	N/A	83	29	23,522	11.4	57.0	117
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	80	29	22,869	12.0	58.1	116
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	80	28	21,290	12.0	58.1	115
Integra	CX301119	Genuity VT Double PRO	N/A	88	42	23,087	11.5	57.5	115
Stine	9818-32	Agrisure Duracade Viptera	N/A	88	28	24,666	11.0	56.4	113
Integra	6493	Genuity Trecepta	N/A	76	23	20,854	11.8	57.1	112
Innvictis	A1551VT2P	Genuity VT Double PRO	N/A	80	28	23,958	10.5	56.5	111
Innvictis	A1689T	Genuity Trecepta	N/A	73	29	23,305	11.2	58.1	109
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	77	26	22,433	12.5	58.7	109
Dyna-Gro	D57VC51	Genuity VT Double PRO	N/A	77	26	22,325	12.0	58.2	109
Dyna-Gro	D58VC65	Genuity VT Double PRO	N/A	74	19	20,310	12.6	58.5	108
Integra	6533VT	Genuity VT Double PRO	N/A	73	26	21,943	11.9	58.3	106
LG Seeds	64C30TRC	Genuity Trecepta	N/A	81	28	21,726	11.5	57.3	105
Integra	6410	SmartStax	N/A	72	24	22,706	11.3	58.7	103
Innvictis	A1792T	Genuity Trecepta	N/A	83	30	22,542	13.1	59.5	101
Integra	6342	Genuity Trecepta	N/A	81	29	18,513	10.9	56.3	100
Stine	9752-32	Agrisure Duracade Viptera	N/A	81	28	18,241	10.0	54.0	85

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

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2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean			79	28	22,179	11.7	57.6	110
	C.V. %			6.5	17.7	6.9	4.5	1.2	8.4
	P>f (hybrid)			0.000	0.011	0.000	0.000	0.000	0.026
	L.S.D.			7.2		2,172.8	0.9	1.2	15.1

Agronomic information

Plant Date	3/2/2023
Harvest Date	7/19/2023
Irrigated	Yes
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	26,000
Precipitation (in)	20.02
Irrigation (in)	
Herbicide	
Soil Type	Victoria clay
Tillage	
Previous Crop	

Trial Notes

Cooperator: Ring Brothers Farm

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
Dr. Ronnie Schnell / Katrina Horn
ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

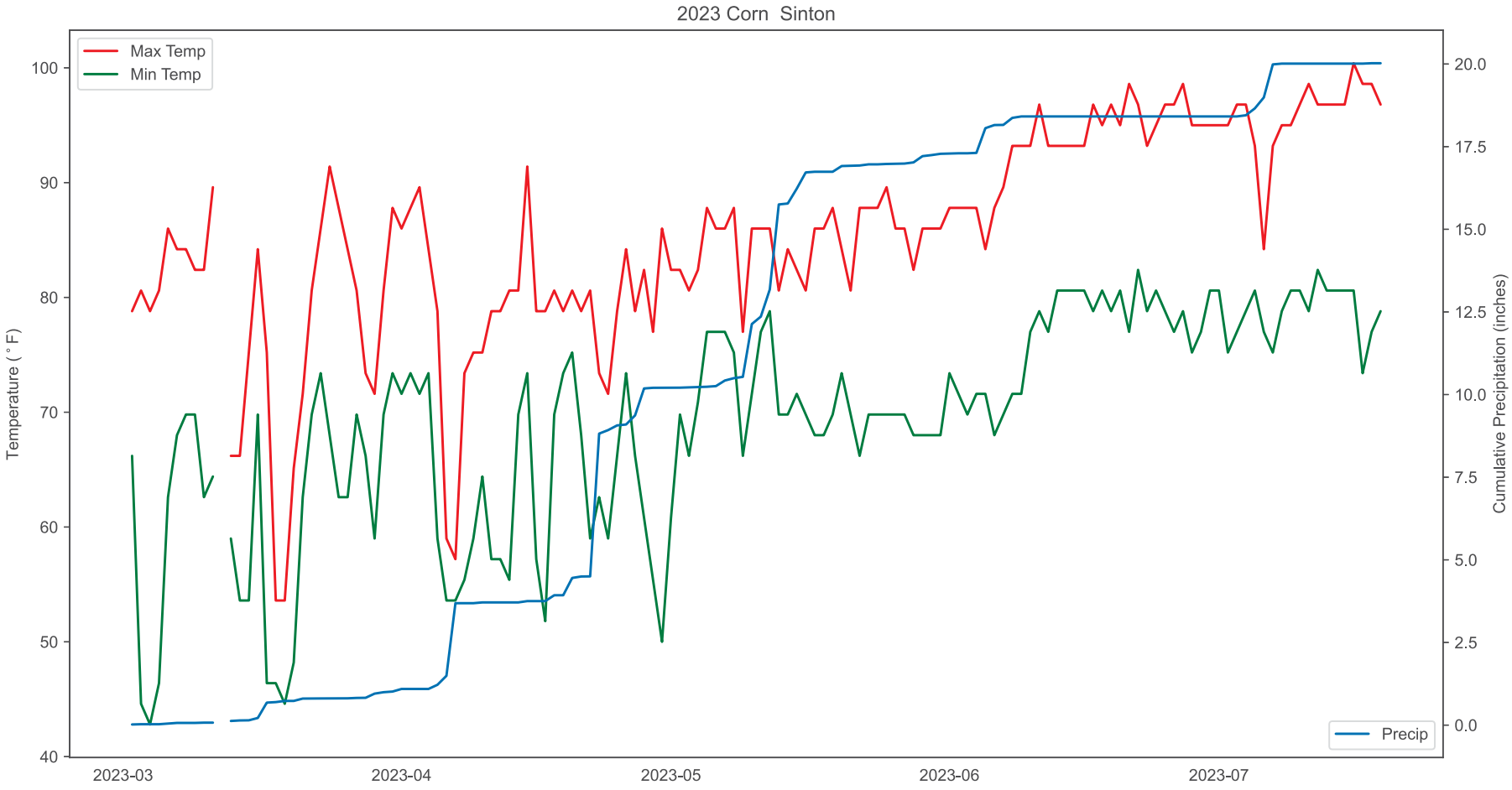
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	23	pH	7.7
P (ppm)*	10	Conductivity (umho/cm)	194
K (ppm)*	360	Ca (ppm)*	5,114
S (ppm)*	44	Mg (ppm)*	674
		Na (ppm)*	191

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Sinton
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2023-03
2023-04
2023-05
2023-06
2023-07

Corn
Sinton
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D57TC29	113	118
Wilbur-Ellis Company	Integra	6641SS	104	115
Nutrien Ag	Dyna-Gro	D57VC51	103	116
Bayer	DEKALB	DKC 69-99TRE	102	108
LG Seeds	LG Seeds	64C30TRC	101	105
Nutrien Ag	Dyna-Gro	D54VC14	98	111
Wilbur-Ellis Company	Integra	6342	97	106
Wilbur-Ellis Company	Integra	6410	95	99
Wilbur-Ellis Company	Integra	6533VT	94	100

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Wharton
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	73	92	32	21,726	14.3	60.2	181
Dyna-Gro	D54VC14	Genuity VT Double PRO	72	86	28	21,834	12.0	59.7	177
Innvictis	A1542T	Genuity Trecepta	71	89	29	22,107	12.7	58.8	176
Dyna-Gro	D56TC44	Genuity Trecepta	71	88	30	22,216	12.4	58.6	174
Innvictis	A1792T	Genuity Trecepta	74	90	31	23,087	15.0	60.2	171
Progeny	PGY9117VT2P	Genuity VT Double PRO	72	90	31	22,107	13.1	59.8	171
Innvictis	A1689T	Genuity Trecepta	74	87	29	23,032	12.9	60.2	169
Dyna-Gro	D57TC29	Genuity Trecepta	70	94	31	22,869	12.2	58.0	169
Dyna-Gro	D58VC65	Genuity VT Double PRO	73	86	25	21,943	12.9	60.3	168
LG Seeds	66C06VT2P	Genuity VT Double PRO	72	91	28	21,889	11.7	58.2	167
Dyna-Gro	D57VC51	Genuity VT Double PRO	72	91	33	22,542	12.1	58.7	167
DEKALB	DKC 69-99TRE	Genuity Trecepta	72	88	33	22,270	15.0	60.6	167
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	71	88	34	21,671	13.8	60.2	167
LG Seeds	64C30TRC	Genuity Trecepta	70	86	36	21,780	11.7	58.6	167
LG Seeds	65C14TRC	Genuity Trecepta	70	88	29	21,780	13.4	57.3	164
Innvictis	A1551VT2P	Genuity VT Double PRO	70	86	31	24,012	13.1	57.6	163
Golden Harvest	G15J91	Agrisure Viptera	71	95	29	22,760	11.2	57.5	161
Golden Harvest	G14B65	Agrisure Duracade Viptera	74	95	31	24,394	10.7	56.6	158
Stine	9818-32	Agrisure Duracade Viptera	73	96	31	22,216	11.4	57.6	155
Golden Harvest	G16Q82	Agrisure Duracade Viptera	73	95	27	23,522	11.0	57.4	155
Progeny	PGY2118VT2P	Genuity VT Double PRO	73	86	30	21,290	16.3	60.3	153

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Wharton
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Progeny	PGY2215TRE	Genuity Trecepta	72	90	33	21,943	14.3	58.5	153
Golden Harvest	G17B31	Agrisure Viptera	74	85	31	21,181	11.2	57.3	134
Stine	9752-32	Agrisure Duracade Viptera	75	82	27	21,399	9.8	56.0	127

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Wharton
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		72	89	30	22,315	12.7	58.7	163
	C.V. %		1.7	4.1	8.9	4.6	5.6	0.9	6.4
	P>f (hybrid)		0.000	0.000	0.000	0.001	0.000	0.000	0.000
	L.S.D.		1.8	5.2	3.8	1,447.4	1.0	0.7	10.3

Agronomic information

Plant Date	3/2/2023
Harvest Date	7/21/2023
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	24,000
Precipitation (in)	19.91
Irrigation (in)	
Herbicide	
Soil Type	Clemville silty clay loam
Tillage	Conventional
Previous Crop	Corn

Trial Notes

Cooperator: Larry Kalina

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
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ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

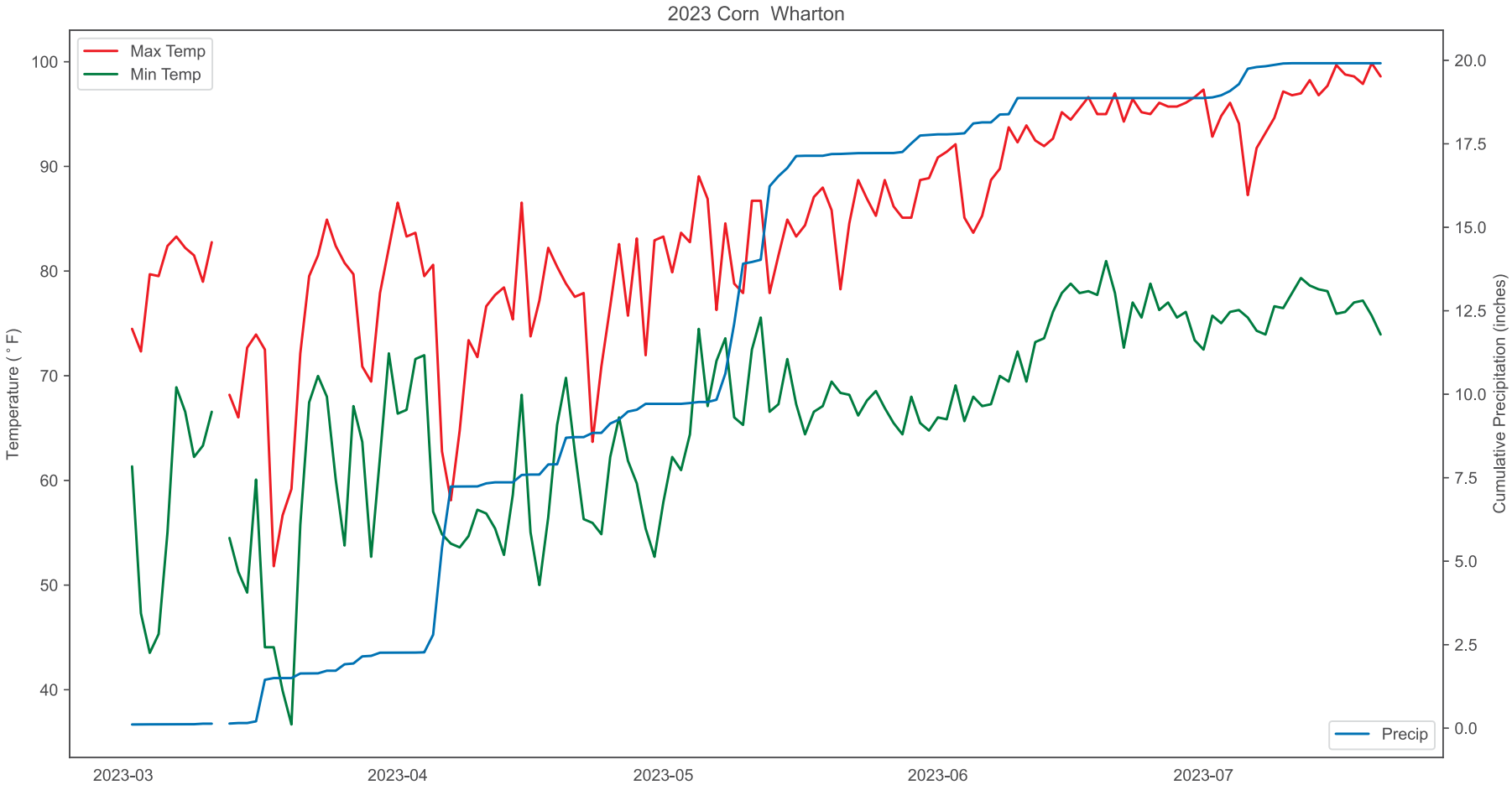
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	46	pH	7.8
P (ppm)*	11	Conductivity (umho/cm)	114
K (ppm)*	142	Ca (ppm)*	18,774
S (ppm)*	100	Mg (ppm)*	273
		Na (ppm)*	16

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Wharton
Max Temp
Min Temp
Precip
Temperature (° F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2023-03
2023-04
2023-05
2023-06
2023-07

Corn
Wharton
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D54VC14	136	149
Bayer	DEKALB	DKC 69-99TRE	133	148
Progeny Ag Products	Progeny	PGY9117VT2P	132	
LG Seeds	LG Seeds	64C30TRC	129	143
Nutrien Ag	Dyna-Gro	D57TC29	129	141
Nutrien Ag	Dyna-Gro	D57VC51	128	146
LG Seeds	LG Seeds	67C07VT2PRO	119	
Progeny Ag Products	Progeny	PGY2215TRE	117	
Progeny Ag Products	Progeny	PGY2118VT2P	117	136
LG Seeds	LG Seeds	65C14TRC	116	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Hondo
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Innvictis	A1542T	Genuity Trecepta	72	101	41	28,798	13.0	57.6	229
Dyna-Gro	D57TC29	Genuity Trecepta	72	107	40	29,443	15.4	58.6	227
Integra	6624	Genuity Trecepta	73	102	40	29,524	14.8	59.1	223
DEKALB	DKC 69-99TRE	Genuity Trecepta	73	102	45	27,891	18.2	59.4	220
Innvictis	A1689T	Genuity Trecepta	72	99	38	28,556	14.8	60.0	220
Integra	CX301119	Genuity VT Double PRO	74	109	46	29,443	18.7	57.5	218
Innvictis	A1792T	Genuity Trecepta	74	102	43	29,201	18.8	59.5	218
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	75	104	38	27,830	16.8	59.5	218
Integra	6342	Genuity Trecepta	72	101	39	28,254	14.9	58.4	217
Progeny	PGY2118VT2P	Genuity VT Double PRO	74	100	39	27,770	18.4	58.1	217
Pioneer	P1847	Leptra	75	111	39	29,040	16.3	60.7	216
Dyna-Gro	D56TC44	Genuity Trecepta	74	104	39	28,193	14.1	59.1	215
Pioneer	P1759	N/A	76	110	42	29,524	15.1	59.0	213
Progeny	PGY9117VT2P	Genuity VT Double PRO	73	102	36	29,040	15.7	59.5	212
Integra	6641SS	SmartStax	73	103	40	25,410	16.2	58.2	212
Integra	6493	Genuity Trecepta	74	101	37	27,749	16.9	59.4	209
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	73	101	40	26,318	17.1	59.3	207
Dyna-Gro	D54VC14	Genuity VT Double PRO	72	103	37	28,153	14.5	59.5	206
Dyna-Gro	D58VC65	Genuity VT Double PRO	72	101	38	26,701	15.2	59.6	206
Innvictis	A1551VT2P	Genuity VT Double PRO	73	98	37	29,040	15.5	57.9	205
LG Seeds	64C30TRC	Genuity Trecepta	71	106	41	27,265	13.9	59.3	203

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Hondo
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
LG Seeds	65C14TRC	Genuity Trecepta	72	101	36	26,620	16.2	57.1	199
Integra	6410	SmartStax	72	97	37	27,407	13.9	60.5	199
Integra	6533VT	Genuity VT Double PRO	71	98	35	28,375	15.5	58.8	199
Stine	9818-32	Agrisure Duracade Viptera	73	113	43	29,040	12.7	58.3	199
Progeny	PGY2215TRE	Genuity Trecepta	72	108	41	27,507	17.2	58.7	196
Stine	9752-32	Agrisure Duracade Viptera	75	99	39	28,475	11.1	56.4	185
LG Seeds	66C06VT2P	Genuity VT Double PRO	74	105	38	27,185	15.5	57.1	185

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Hondo
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		73	103	39	28,134	15.6	58.8	210
	C.V. %		1.5	3.0	8.5	3.1	4.9	1.2	3.9
	P>f (hybrid)		0.000	0.000	0.001	0.000	0.000	0.000	0.000
	L.S.D.		1.5	4.4	4.7	1,440.2	1.1	1.0	9.0

Agronomic information

Plant Date	3/7/2023
Harvest Date	7/25/2023
Irrigated	Yes
Row Spacing (in)	36
Number of Rows	2
Target Seeds per Acre	30,000
Precipitation (in)	13.92
Irrigation (in)	13

Herbicide

At planting: 32 oz/ac Roundup + 16 oz/ac Outlook + 1 lb/ac Atrazine.
At V6: 32 oz/ac Resicore XL + 3 oz/ac Status + 1 lb/ac Atrazine

Soil Type	Knippa clay
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

Fungicide and insecticide at R2: 4 oz/ac Oberon, 10 oz/ac Trivo, 4 oz/ac Tebu

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

Cooperator: Nelson Reus

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

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ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

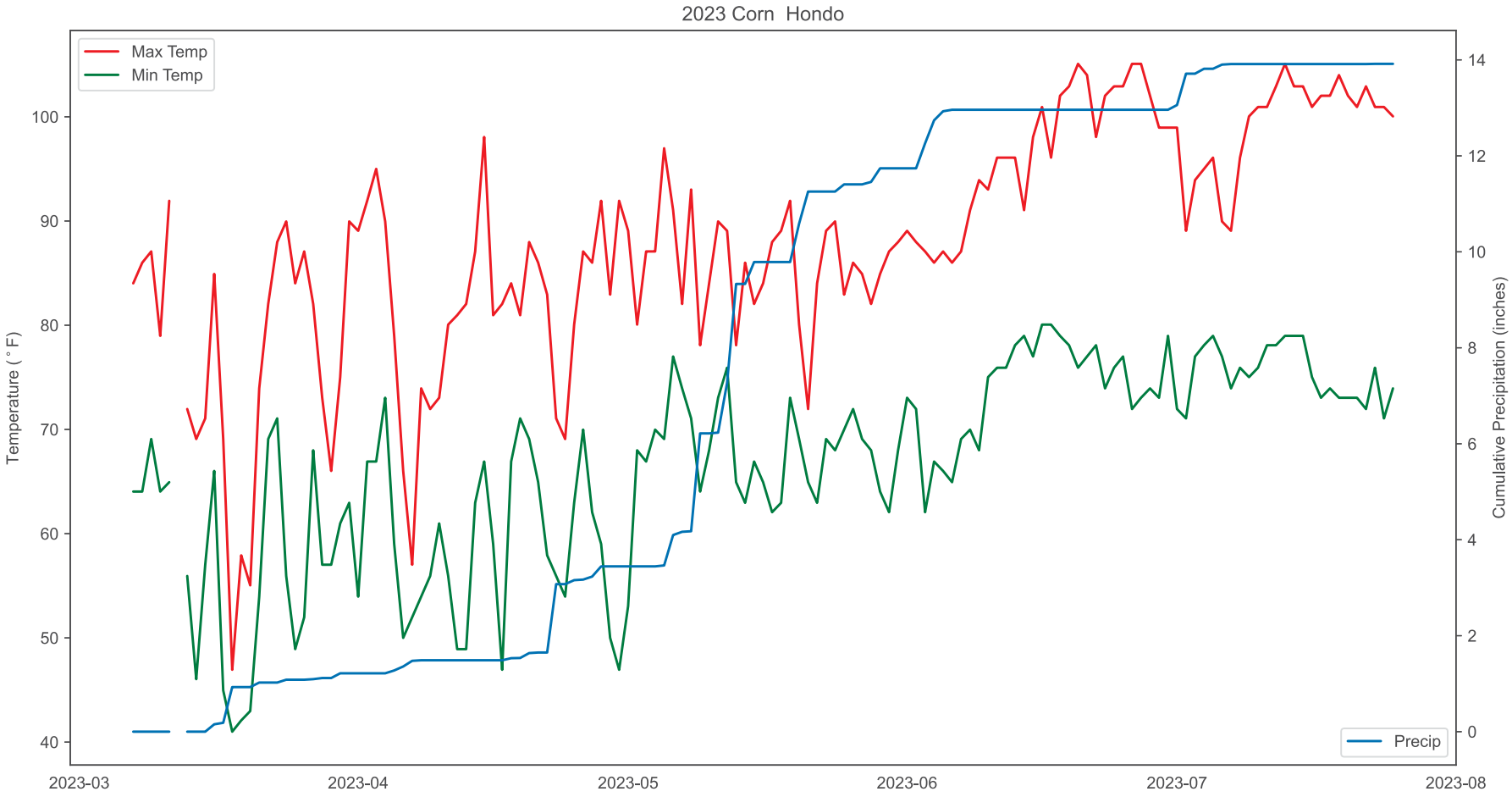
Fertilizer Applied

N (lb/ac)	190
P2O5 (lb/ac)	75
K2O (lb/ac)	25
S (lb/ac)	5
Zn (lb/ac)	0

Soil Analysis Report**

NO3-N (ppm)	32	pH	7.8
P (ppm)*	27	Conductivity (umho/cm)	230
K (ppm)*	667	Ca (ppm)*	15,984
S (ppm)*	104	Mg (ppm)*	343
		Na (ppm)*	29

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Hondo
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
14
12
10
8
6
4
2
0
2023-03
2023-04
2023-05
2023-06
2023-07
2023-08

Corn
Hondo
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D57TC29	193	174
Wilbur-Ellis Company	Integra	6641SS	191	160
Corteva	Pioneer	P1847	190	186
Wilbur-Ellis Company	Integra	6342	189	157
Progeny Ag Products	Progeny	PGY2118VT2P	188	162
Corteva	Pioneer	P1759	187	
Bayer	DEKALB	DKC 69-99TRE	186	159
Nutrien Ag	Dyna-Gro	D54VC14	185	163
LG Seeds	LG Seeds	65C14TRC	183	
Progeny Ag Products	Progeny	PGY9117VT2P	182	154
LG Seeds	LG Seeds	64C30TRC	181	140
LG Seeds	LG Seeds	67C07VT2PRO	178	
Wilbur-Ellis Company	Integra	6410	177	158
Wilbur-Ellis Company	Integra	6533VT	176	151
Progeny Ag Products	Progeny	PGY2215TRE	175	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

College Station
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	78	81	31	30,056	14.2	59.6	218
Integra	CX301119	Genuity VT Double PRO	77	86	34	31,363	15.6	57.6	217
Progeny	PGY2118VT2P	Genuity VT Double PRO	76	80	29	29,984	16.0	58.4	216
Integra	6624	Genuity Trecepta	76	79	29	30,855	12.1	57.8	211
Innvictis	A1792T	Genuity Trecepta	77	83	32	30,855	14.9	59.4	209
Dyna-Gro	D56TC44	Genuity Trecepta	76	79	29	30,274	13.2	58.4	207
Integra	6342	Genuity Trecepta	75	81	31	29,911	13.5	57.4	202
Dyna-Gro	D57TC29	Genuity Trecepta	76	81	27	31,073	12.5	57.9	202
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	76	79	29	29,621	14.8	60.0	200
Golden Harvest	G14B65	Agrisure Duracade Viptera	79	89	33	32,380	11.6	56.3	200
DEKALB	DKC 69-99TRE	Genuity Trecepta	77	80	33	30,202	16.3	59.8	199
Golden Harvest	G15J91	Agrisure Viptera	77	84	28	31,726	11.0	56.9	197
Dyna-Gro	D54VC14	Genuity VT Double PRO	76	77	27	30,565	12.8	59.1	196
Progeny	PGY9117VT2P	Genuity VT Double PRO	76	81	29	30,637	12.8	59.1	196
Integra	6641SS	SmartStax	76	77	29	29,548	13.9	58.7	194
LG Seeds	64C30TRC	Genuity Trecepta	75	81	27	30,347	12.4	58.3	191
Integra	6493	Genuity Trecepta	78	82	31	29,693	13.8	60.0	191
Dyna-Gro	D58VC65	Genuity VT Double PRO	76	78	28	29,258	12.8	59.6	189
LG Seeds	66C06VT2P	Genuity VT Double PRO	77	84	29	29,911	13.3	57.1	188
Innvictis	A1542T	Genuity Trecepta	77	78	25	30,855	13.0	58.2	188
Innvictis	A1551VT2P	Genuity VT Double PRO	77	77	27	30,492	14.7	57.4	187

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

College Station
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	6410	SmartStax	76	75	27	31,073	12.4	59.3	187
LG Seeds	65C14TRC	Genuity Trecepta	75	80	29	30,274	13.7	56.6	185
Golden Harvest	G17B31	Agrisure Viptera	77	78	29	31,581	11.2	57.2	183
Integra	6533VT	Genuity VT Double PRO	75	77	30	30,782	14.8	57.9	183
Innvictis	A1462	N/A	76	77	31	30,274	13.4	57.6	179
Progeny	PGY2215TRE	Genuity Trecepta	76	83	31	29,984	14.3	57.9	178
Golden Harvest	G16Q82	Agrisure Duracade Viptera	78	85	30	32,162	11.4	56.6	175
Stine	9818-32	Agrisure Duracade Viptera	79	87	31	31,363	11.8	57.0	173
Stine	9752-32	Agrisure Duracade Viptera	78	77	27	29,766	9.4	55.6	172

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

College Station
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		76	80	29	30,562	13.2	58.1	194
	C.V. %		1.2	2.9	8.2	4.7	7.0	0.8	5.6
	P>f (hybrid)		0.000	0.000	0.000	0.286	0.000	0.000	0.000
	L.S.D.		1.3	3.3	3.4		1.3	0.7	15.1

Agronomic information

Plant Date	2/24/2023
Harvest Date	7/18/2023
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	30,000
Precipitation (in)	17.16
Irrigation (in)	0
Herbicide	
Soil Type	Ships clay
Tillage	Conventional
Previous Crop	Soybean

Trial Notes

Cooperator: Texas A&M AgriLife

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

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979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

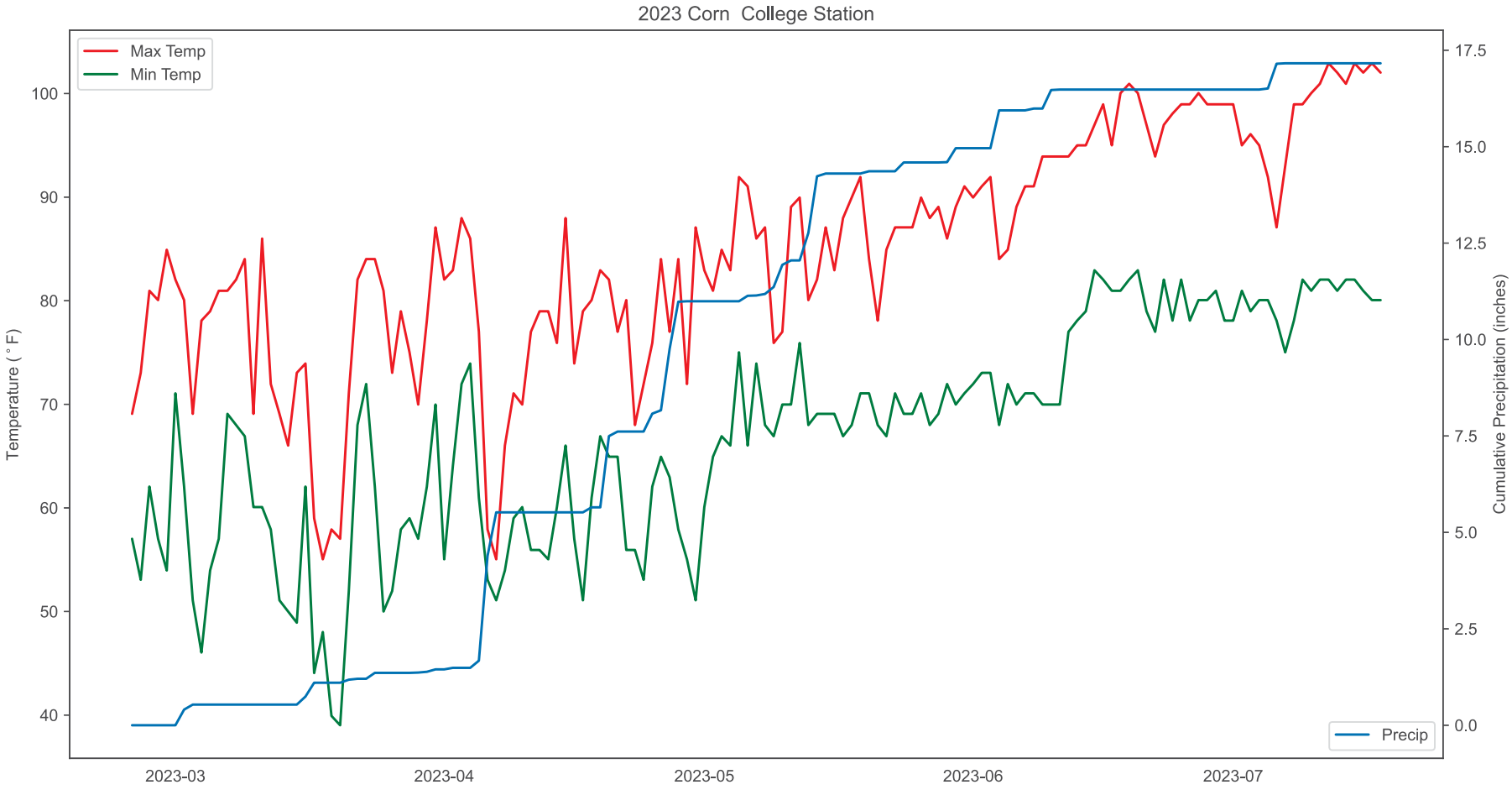
Fertilizer Applied

N (lb/ac)	250
P2O5 (lb/ac)	0
K2O (lb/ac)	0
S (lb/ac)	44
Zn (lb/ac)	0

Soil Analysis Report**

NO3-N (ppm)	7	pH	7.7
P (ppm)*	18	Conductivity (umho/cm)	56
K (ppm)*	159	Ca (ppm)*	5,567
S (ppm)*	40	Mg (ppm)*	190
		Na (ppm)*	31

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn College Station
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2023-03
2023-04
2023-05
2023-06
2023-07

Corn
College Station
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 69-99TRE	191	197
Progeny Ag Products	Progeny	PGY2118VT2P	189	
LG Seeds	LG Seeds	67C07VT2PRO	187	
Progeny Ag Products	Progeny	PGY9117VT2P	185	
Wilbur-Ellis Company	Integra	6641SS	185	191
Wilbur-Ellis Company	Integra	6342	183	188
Nutrien Ag	Dyna-Gro	D57TC29	181	187
Nutrien Ag	Dyna-Gro	D54VC14	180	184
LG Seeds	LG Seeds	65C14TRC	177	
LG Seeds	LG Seeds	64C30TRC	169	174
Wilbur-Ellis Company	Integra	6410	168	173
Wilbur-Ellis Company	Integra	6533VT	167	171
Progeny Ag Products	Progeny	PGY2215TRE	165	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Thrall
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	6342	Genuity Trecepta	76	89	30	21,998	6.7	54.6	86
Dyna-Gro	D54VC14	Genuity VT Double PRO	76	84	25	22,433	7.6	56.4	80
LG Seeds	64C30TRC	Genuity Trecepta	78	93	30	20,909	7.7	56.0	78
Dyna-Gro	D57TC29	Genuity Trecepta	78	92	25	21,635	7.6	55.8	77
Integra	6533VT	Genuity VT Double PRO	76	86	31	20,110	8.2	57.0	77
Integra	6493	Genuity Trecepta	77	84	26	20,981	7.8	57.0	76
DEKALB	DKC 69-99TRE	Genuity Trecepta	79	86	31	22,216	8.4	57.0	75
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	78	89	27	22,869	7.8	55.9	75
Dyna-Gro	D56TC44	Genuity Trecepta	79	87	31	22,288	7.5	55.6	74
Integra	6624	Genuity Trecepta	79	88	29	23,522	7.6	55.4	73
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	80	87	31	20,183	8.2	57.2	73
LG Seeds	65C14TRC	Genuity Trecepta	76	87	24	20,836	7.9	55.3	73
Golden Harvest	G16Q82	Agrisure Duracade Viptera	79	90	27	24,248	6.6	53.7	73
Dyna-Gro	D58VC65	Genuity VT Double PRO	77	82	26	19,602	8.0	56.8	72
Progeny	PGY2215TRE	Genuity Trecepta	78	93	27	20,328	9.0	56.5	72
Progeny	PGY2118VT2P	Genuity VT Double PRO	79	87	29	21,417	9.3	57.8	71
Integra	6410	SmartStax	77	82	26	19,675	7.2	55.7	71
Golden Harvest	G14B65	Agrisure Duracade Viptera	78	97	28	23,159	6.4	52.8	68
LG Seeds	66C06VT2P	Genuity VT Double PRO	78	89	31	22,869	7.4	55.1	67
Stine	9818-32	Agrisure Duracade Viptera	79	92	30	21,562	6.6	53.8	65
Integra	CX301119	Genuity VT Double PRO	78	86	28	22,724	7.0	54.3	63

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Thrall
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	6641SS	SmartStax	78	83	29	21,780	7.9	55.3	61
Golden Harvest	G15J91	Agrisure Viptera	79	89	28	22,724	6.8	53.9	61
Stine	9752-32	Agrisure Duracade Viptera	77	86	29	21,707	5.6	51.4	60
Golden Harvest	G17B31	Agrisure Viptera	78	81	32	22,433	6.0	52.8	59
Progeny	PGY9117VT2P	Genuity VT Double PRO	78	89	29	20,909	8.1	56.6	56

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Thrall
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		78	88	28	21,735	7.5	55.4	71
	C.V. %		3.1	4.9	12.5	6.3	8.9	1.3	14.8
	P>f (hybrid)		0.820	0.000	0.069	0.000	0.000	0.000	0.014
	L.S.D.			6.1		1,940.9	0.9	1.0	14.7

Agronomic information

Plant Date	3/13/2023
Harvest Date	8/3/2023
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	24,000
Precipitation (in)	14.61
Irrigation (in)	
Herbicide	
Soil Type	Burleson clay
Tillage	Conventional
Previous Crop	Sorghum

Trial Notes

Cooperator: Stiles Farm Foundation

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
Dr. Ronnie Schnell / Katrina Horn
ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

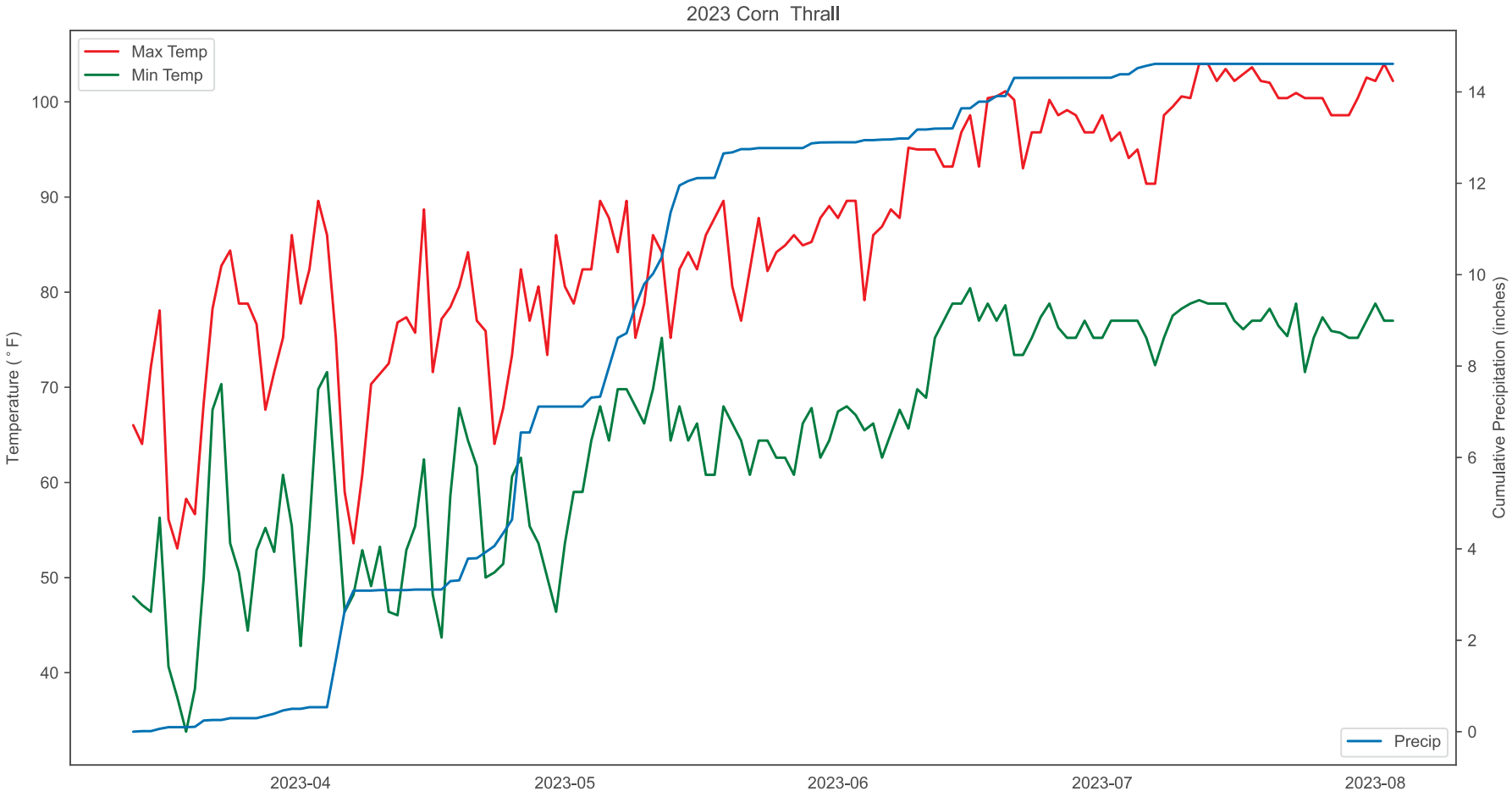
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	24	pH	5.7
P (ppm)*	45	Conductivity (umho/cm)	74
K (ppm)*	114	Ca (ppm)*	3,819
S (ppm)*	33	Mg (ppm)*	533
		Na (ppm)*	19

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Thrall
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
14
12
10
8
6
4
2
0
2023-04
2023-05
2023-06
2023-07
2023-08

Corn
Thrall
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Wilbur-Ellis Company	Integra	6342	73	114
Nutrien Ag	Dyna-Gro	D54VC14	69	108
Bayer	DEKALB	DKC 69-99TRE	66	107
Wilbur-Ellis Company	Integra	6410	66	104
Nutrien Ag	Dyna-Gro	D57TC29	65	103
LG Seeds	LG Seeds	65C14TRC	64	
LG Seeds	LG Seeds	67C07VT2PRO	64	
Progeny Ag Products	Progeny	PGY2118VT2P	64	101
LG Seeds	LG Seeds	64C30TRC	63	102
Wilbur-Ellis Company	Integra	6533VT	63	104
Wilbur-Ellis Company	Integra	6641SS	61	104
Progeny Ag Products	Progeny	PGY9117VT2P	60	
Progeny Ag Products	Progeny	PGY2215TRE	56	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Bardwell
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
LG Seeds	66C06VT2P	Genuity VT Double PRO	74	116	49	24,176	8.9	57.5	163
Golden Harvest	G17B31	Agrisure Viptera	75	110	46	24,684	8.3	56.7	154
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	77	106	44	21,998	12.3	58.9	150
Progeny	PGY9117VT2P	Genuity VT Double PRO	74	109	44	21,998	10.2	59.7	147
Dyna-Gro	D54VC14	Genuity VT Double PRO	73	103	38	21,853	9.3	58.6	146
Integra	6493	Genuity Trecepta	75	107	39	24,394	11.5	59.5	145
Dyna-Gro	D58VC65	Genuity VT Double PRO	74	101	39	23,087	10.0	58.8	145
Golden Harvest	G16Q82	Agrisure Duracade Viptera	75	111	42	22,361	9.3	56.4	142
Dyna-Gro	D57TC29	Genuity Trecepta	73	116	42	24,176	10.0	58.1	142
Stine	9752-32	Agrisure Duracade Viptera	75	104	42	23,377	7.6	55.9	141
Dyna-Gro	D56TC44	Genuity Trecepta	74	107	42	23,522	9.7	57.6	141
Golden Harvest	G14B65	Agrisure Duracade Viptera	75	114	43	23,377	8.4	56.3	141
Integra	CX301119	Genuity VT Double PRO	75	109	49	24,176	11.4	57.3	138
Progeny	PGY2215TRE	Genuity Trecepta	73	114	45	23,522	12.6	59.1	135
Integra	6533VT	Genuity VT Double PRO	73	106	44	21,998	10.8	58.6	134
DEKALB	DKC 69-99TRE	Genuity Trecepta	75	112	44	22,433	13.4	59.5	132
Stine	9818-32	Agrisure Duracade Viptera	75	110	40	22,869	8.4	56.6	129
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	74	108	44	22,942	12.2	58.6	126
LG Seeds	65C14TRC	Genuity Trecepta	72	109	43	21,780	11.5	56.8	126
Integra	6624	Genuity Trecepta	75	105	41	24,684	9.0	57.1	118
Integra	6641SS	SmartStax	75	102	41	21,490	11.1	57.3	112

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Bardwell
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	6410	SmartStax	73	102	38	23,813	9.2	59.0	111
LG Seeds	64C30TRC	Genuity Trecepta	73	113	46	23,668	9.2	58.2	108
Golden Harvest	G15J91	Agrisure Viptera	75	109	46	24,490	9.8	57.5	105
Integra	6342	Genuity Trecepta	72	107	41	22,506	9.3	56.2	85
Progeny	PGY2118VT2P	Genuity VT Double PRO	74	113	47	21,707	12.1	59.5	66

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Bardwell
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		74	108	43	23,118	10.2	57.9	130
	C.V. %		1.2	3.1	7.1	7.2	10.2	1.3	15.0
	P>f (hybrid)		0.000	0.000	0.000	0.080	0.000	0.000	0.000
	L.S.D.		1.2	4.8	4.4		1.5	1.1	27.9

Agronomic information

Plant Date	3/15/2023
Harvest Date	8/1/2023
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	24,000
Precipitation (in)	14.76
Irrigation (in)	

Herbicide

4 oz/ac Zidua

Soil Type	Branyon clay
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

*Storms in early June resulted in hail damage and lodging. While plants were lodged, we were able to pick most of it up.

Cooperator: Steven Beakley

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
Dr. Ronnie Schnell / Katrina Horn
ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

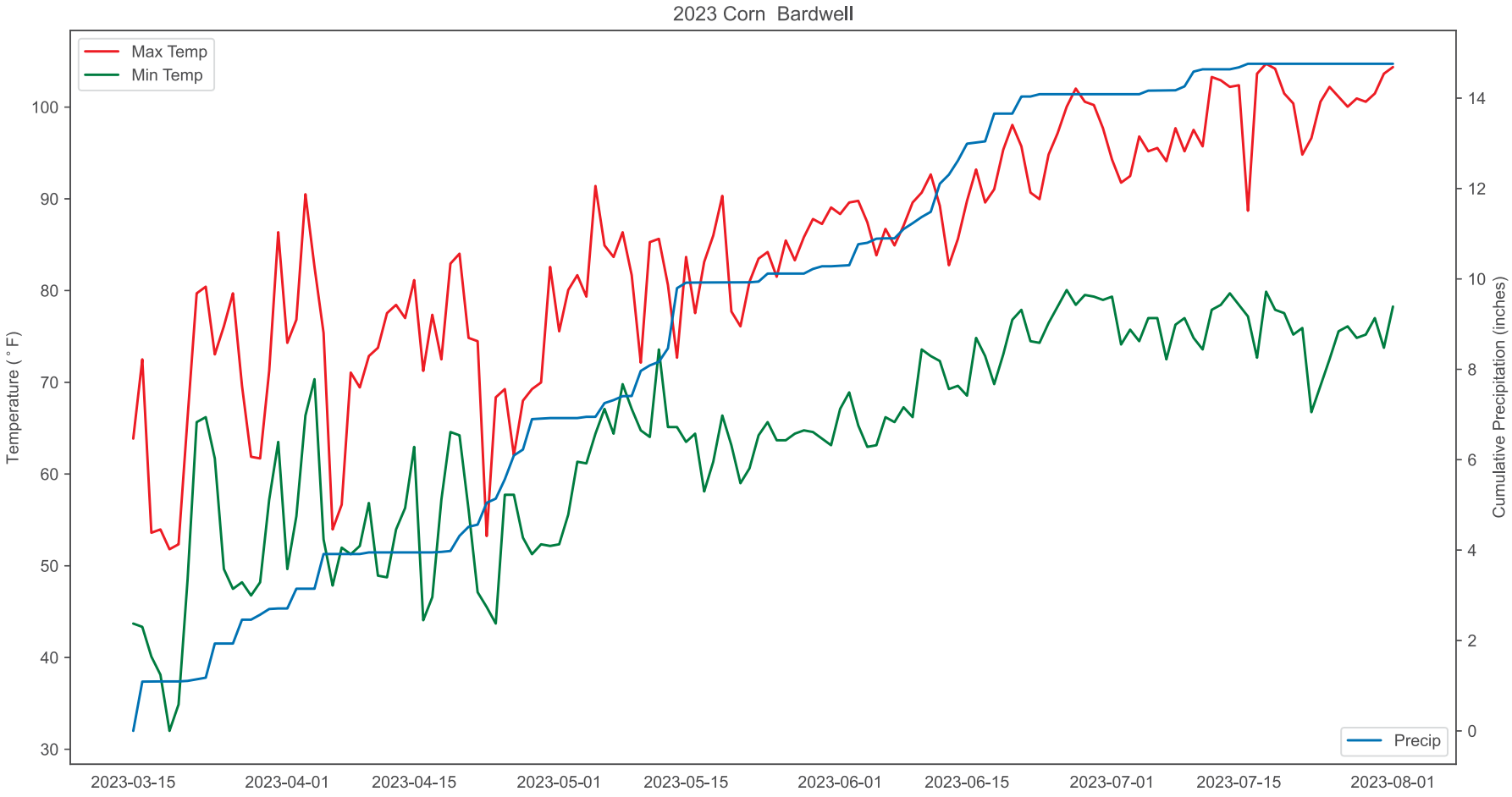
Fertilizer Applied

N (lb/ac)	156
P2O5 (lb/ac)	23
K2O (lb/ac)	34
S (lb/ac)	4
Zn (lb/ac)	2

Soil Analysis Report**

NO3-N (ppm)	37	pH	7.4
P (ppm)*	38	Conductivity (umho/cm)	103
K (ppm)*	380	Ca (ppm)*	13,119
S (ppm)*	71	Mg (ppm)*	152
		Na (ppm)*	9

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Bardwell
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
30
14
12
10
8
6
4
2
0
2023-03-15
2023-04-01
2023-04-15
2023-05-01
2023-05-15
2023-06-01
2023-06-15
2023-07-01
2023-07-15
2023-08-01

Corn
Bardwell
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D54VC14	93	108
Nutrien Ag	Dyna-Gro	D57TC29	91	108
Progeny Ag Products	Progeny	PGY9117VT2P	88	
Bayer	DEKALB	DKC 69-99TRE	87	100
Progeny Ag Products	Progeny	PGY2215TRE	87	
Wilbur-Ellis Company	Integra	6533VT	86	90
LG Seeds	LG Seeds	65C14TRC	81	
LG Seeds	LG Seeds	67C07VT2PRO	79	
LG Seeds	LG Seeds	64C30TRC	75	97
Wilbur-Ellis Company	Integra	6410	74	92
Wilbur-Ellis Company	Integra	6342	72	104
Wilbur-Ellis Company	Integra	6641SS	72	96
Progeny Ag Products	Progeny	PGY2118VT2P	51	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Dyna-Gro	D56TC44	Genuity Trecepta	74	106	43	24,829	11.7	58.3	206
Innvictis	A1542T	Genuity Trecepta	75	105	38	24,297	11.8	58.5	205
Innvictis	A1792T	Genuity Trecepta	76	101	39	24,248	15.3	60.0	199
Innvictis	A1551VT2P	Genuity VT Double PRO	76	102	37	25,483	12.0	56.6	195
DEKALB	DKC 69-99TRE	Genuity Trecepta	75	106	48	23,740	15.4	60.8	195
Integra	6342	Genuity Trecepta	75	107	40	23,522	11.9	58.0	195
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	75	102	33	24,176	13.7	59.8	193
Progeny	PGY9117VT2P	Genuity VT Double PRO	76	110	41	23,740	12.1	59.0	192
Innvictis	A1689T	Genuity Trecepta	75	104	37	24,490	12.1	60.1	191
Dyna-Gro	D57TC29	Genuity Trecepta	76	111	40	25,483	11.3	57.5	184
Integra	6624	Genuity Trecepta	75	103	39	24,248	12.2	57.9	183
Integra	6641SS	SmartStax	76	99	38	24,466	12.8	58.2	182
Integra	6493	Genuity Trecepta	76	104	37	22,869	12.9	58.7	180
Integra	CX301119	Genuity VT Double PRO	76	102	39	23,595	13.8	57.6	179
Integra	6533VT	Genuity VT Double PRO	74	103	40	24,321	14.1	58.7	178
Dyna-Gro	D54VC14	Genuity VT Double PRO	74	96	36	21,877	11.4	58.3	175
Integra	6410	SmartStax	75	94	35	23,595	12.3	59.1	172
Dyna-Gro	D58VC65	Genuity VT Double PRO	75	98	36	22,506	11.8	58.9	170
LG Seeds	64C30TRC	Genuity Trecepta	75	111	41	22,845	12.0	58.6	169
Progeny	PGY2118VT2P	Genuity VT Double PRO	76	102	40	22,796	17.0	59.6	169
Stine	9752-32	Agrisure Duracade Viptera	76	99	37	24,103	9.7	56.5	150

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Progeny	PGY2215TRE	Genuity Trecepta	76	108	38	22,288	14.2	58.8	149
Stine	9818-32	Agrisure Duracade Viptera	76	104	39	22,796	10.8	58.3	149

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Greenville
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean		75	103	39	23,753	12.7	58.6	181
	C.V. %		1.1	4.7	9.8	6.1	6.9	0.7	7.4
	P>f (hybrid)		0.001	0.001	0.014	0.065	0.000	0.000	0.000
	L.S.D.		1.2	7.1	5.9		1.3	0.6	20.1

Agronomic information

Plant Date	3/29/2023
Harvest Date	8/15/2023
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	24,000
Precipitation (in)	12.51
Irrigation (in)	

Herbicide

1 qt/ac Atrex + 56 oz/ac Acuron GT

Soil Type	Houston Black clay
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator: Texas A&M AgriLife

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
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ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

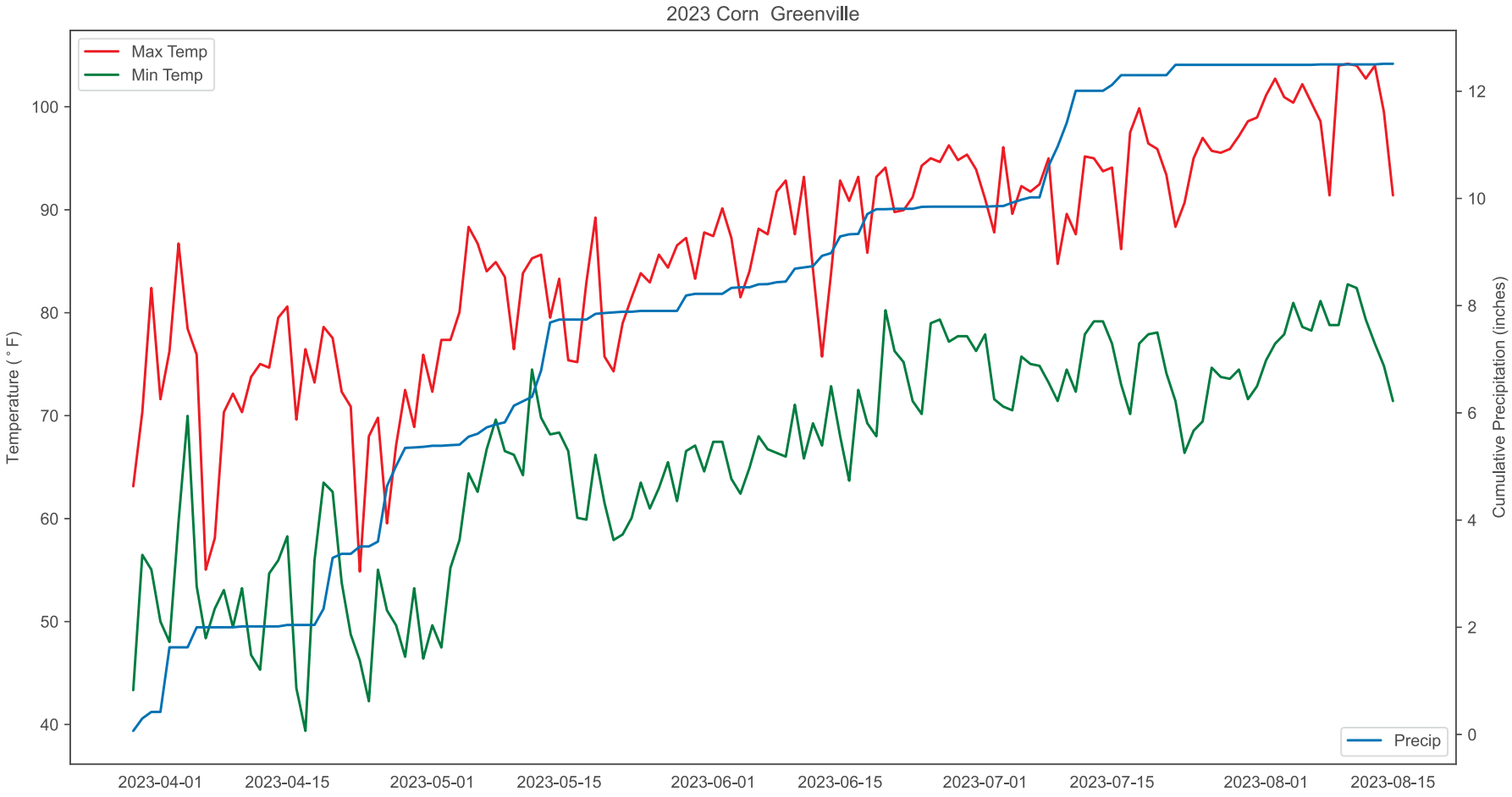
Fertilizer Applied

N (lb/ac)	150
P2O5 (lb/ac)	0
K2O (lb/ac)	0
S (lb/ac)	8
Zn (lb/ac)	0

Soil Analysis Report**

NO3-N (ppm)	11	pH	5.6
P (ppm)*	52	Conductivity (umho/cm)	87
K (ppm)*	280	Ca (ppm)*	7,122
S (ppm)*	42	Mg (ppm)*	484
		Na (ppm)*	89

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Greenville
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
90
80
70
60
50
40
12
10
8
6
4
2
0
2023-04-01
2023-04-15
2023-05-01
2023-05-15
2023-06-01
2023-06-15
2023-07-01
2023-07-15
2023-08-01
2023-08-15

Corn
Greenville
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Wilbur-Ellis Company	Integra	6342	138	
Bayer	DEKALB	DKC 69-99TRE	135	
Progeny Ag Products	Progeny	PGY9117VT2P	127	
Wilbur-Ellis Company	Integra	6533VT	125	
Nutrien Ag	Dyna-Gro	D54VC14	125	
Wilbur-Ellis Company	Integra	6641SS	124	
Nutrien Ag	Dyna-Gro	D57TC29	122	
Progeny Ag Products	Progeny	PGY2118VT2P	120	
Wilbur-Ellis Company	Integra	6410	120	
LG Seeds	LG Seeds	64C30TRC	119	
Progeny Ag Products	Progeny	PGY2215TRE	109	

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.

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Dalhart
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
DEKALB	DKC 66-06TRE	Genuity Trecepta	N/A	108	44	25,855	18.3	61.1	236
Integra	6624	Genuity Trecepta	N/A	106	43	28,033	17.9	60.5	234
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	106	43	25,293	18.5	60.4	231
Innvictis	A1792T	Genuity Trecepta	N/A	108	47	26,698	18.2	62.1	231
Innvictis	A1542T	Genuity Trecepta	N/A	105	39	26,487	17.7	61.1	230
Dyna-Gro	D54VC34	Genuity VT Double PRO	N/A	107	43	25,574	17.0	61.0	229
Integra	6641SS	SmartStax	N/A	104	47	26,206	19.3	59.8	227
LG Seeds	65C14TRC	Genuity Trecepta	N/A	106	41	25,785	17.6	60.8	225
LG Seeds	64C43VT2	Genuity VT Double PRO	N/A	104	44	27,190	17.3	59.9	224
Integra	6493	Genuity Trecepta	N/A	106	46	24,801	17.1	62.2	223
Innvictis	A1551VT2P	Genuity VT Double PRO	N/A	104	46	28,033	16.9	60.9	223
DEKALB	DKC 70-45VT2	Genuity VT Double PRO	N/A	105	45	23,817	18.4	61.7	222
Innvictis	A1689T	Genuity Trecepta	N/A	102	45	26,558	17.3	62.3	222
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	105	43	25,785	17.8	61.4	222
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	110	43	25,995	19.7	61.9	221
LG Seeds	66C44STXRIB	Genuity SmartStax RIB Com	N/A	109	48	27,822	17.7	61.5	219
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	103	45	26,628	18.4	62.1	218
DEKALB	DKC 63-91VT2	Genuity VT Double PRO	N/A	103	45	26,347	14.8	59.8	216
DEKALB	DKC 62-89TRE	Genuity Trecepta	N/A	105	41	27,049	16.0	60.7	215
Integra	6533VT	Genuity VT Double PRO	N/A	105	43	24,590	17.1	61.5	210
Integra	6342	Genuity Trecepta	N/A	103	41	22,623	15.1	60.6	210

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

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Dalhart
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
LG Seeds	68C18VT2	Genuity VT Double PRO	N/A	107	46	25,668	18.5	61.5	210
Integra	6410	SmartStax	N/A	102	44	26,417	18.1	61.2	208
Integra	6720	Genuity DG VT Double PRO	N/A	103	41	25,925	17.3		203
LG Seeds	64C30TRC	Genuity Trecepta	N/A	107	41	21,850	17.2	61.6	202
Stine	9752-32	Agrisure Duracade Viptera	N/A	101	39	23,536	15.3	59.1	183
Stine	9818-32	Agrisure Duracade Viptera	N/A	110	41	25,433	16.0	60.8	176

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.

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Dalhart
2023 Corn
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
	Mean			105	43	25,778	17.4	61.0	217
	C.V. %			3.0	8.9	5.9	3.9	1.1	4.9
	P>f (hybrid)			0.003	0.058	0.000	0.000	0.006	0.000
	L.S.D.			4.5	5.5	2,154.2	1.0	1.4	16.9

Agronomic information

Plant Date	5/10/2023
Harvest Date	10/31/2023
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	32,000
Precipitation (in)	13.85
Irrigation (in)	
Herbicide	
Soil Type	Sunray loam
Tillage	Strip-till
Previous Crop	Corn

Trial Notes

Cooperator: Michael Reinart Farm

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.

For additional information contact:
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979-845-2935 / 979-845-8505

* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

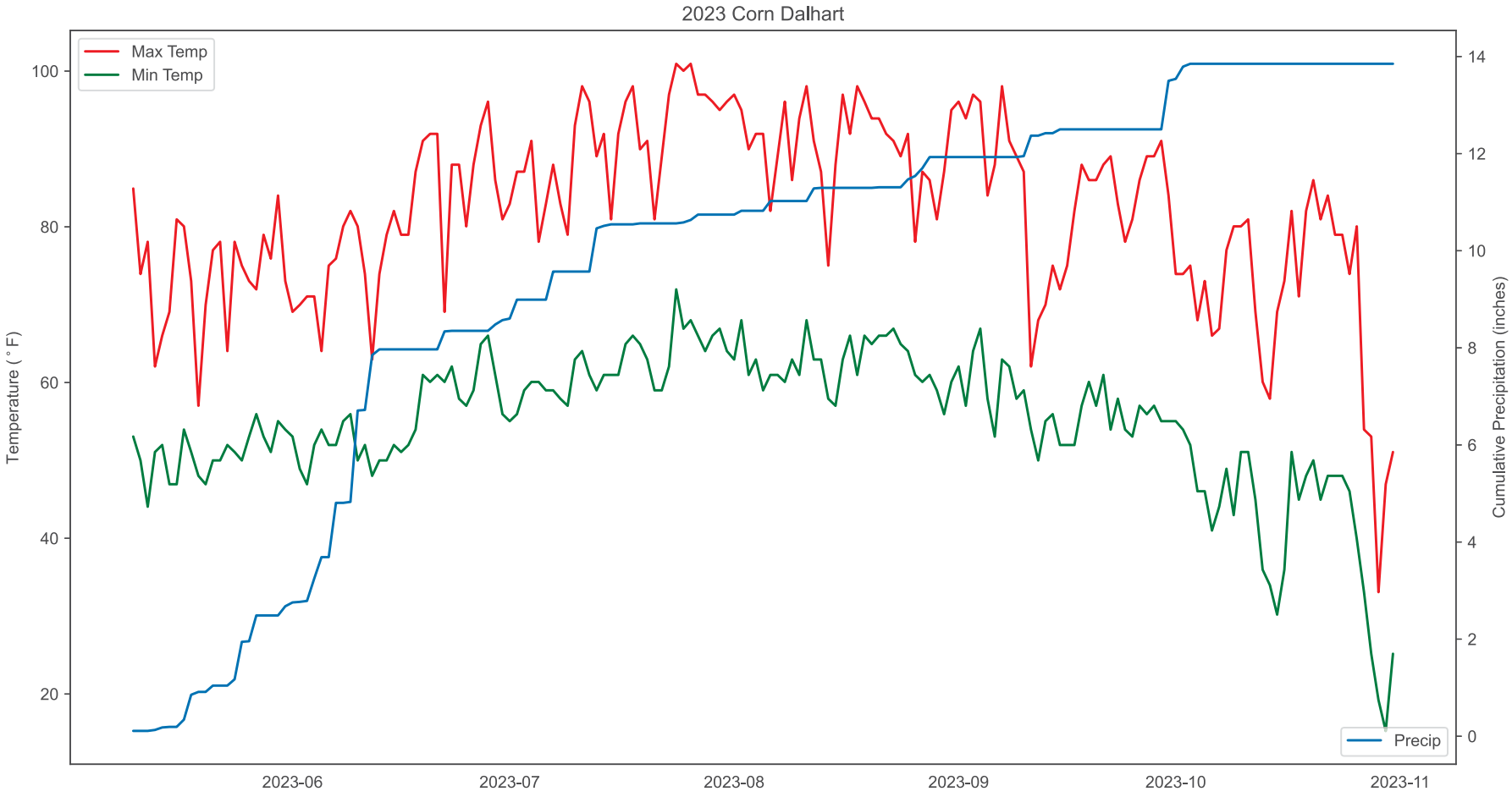
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	73	pH	7.2
P (ppm)*	50	Conductivity (umho/cm)	304
K (ppm)*	620	Ca (ppm)*	2,849
S (ppm)*	38	Mg (ppm)*	720
		Na (ppm)*	46

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.


2023 Corn Dalhart
Max Temp
Min Temp
Precip
Temperature (°F)
Cumulative Precipitation (inches)
100
80
60
40
20
14
12
10
8
6
4
2
0
2023-06
2023-07
2023-08
2023-09
2023-10
2023-11

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Larry & Clint Kalina	Wharton	Wharton	Upper Gulf Coast
Nelson Reus	Hondo	Medina	South Texas Plains
Texas A&M AgriLife Research	College Station	Burleson	Brazos Valley
Stiles Farm Foundation	Thrall	Williamson	Blacklands
Bob & Steven Beakley	Bardwell	Ellis	Blacklands
Texas A&M AgriLife Research	Greenville	Hunt	Blacklands
Michael Reinart	Dalhart	Dallam	High Plains

Texas A&M AgriLife Personnel:
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Dennis Pietsch
Russell Sutton
Taryn Titsworth

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Others: Wayne Scholtz, Retired CEA, Medina County

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