

# DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

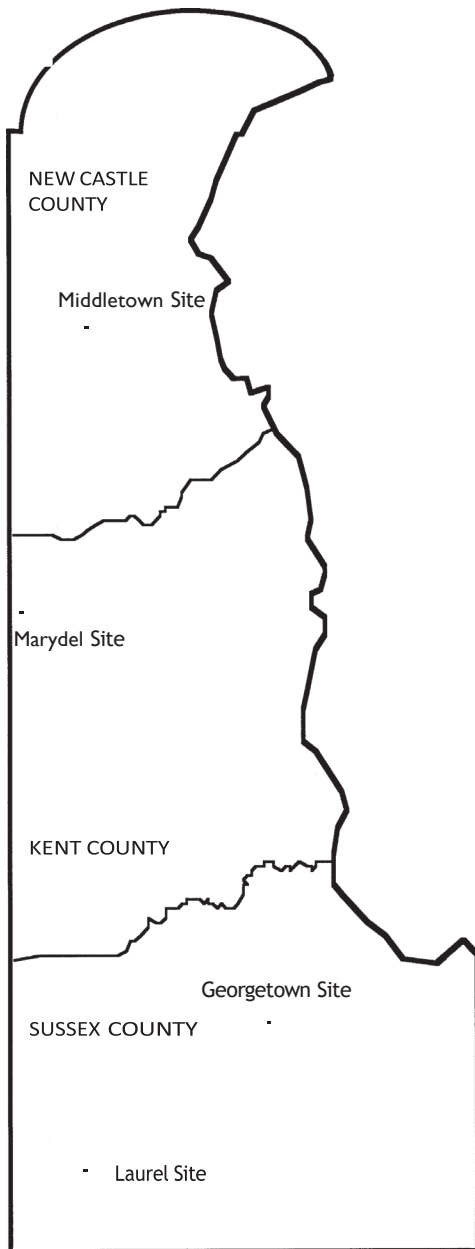
2023



University of Delaware  
College of Agriculture and Natural Resources  
Agricultural Experiment Station

Cooperative Extension  
Newark, DE 19716-2170

# Test plot locations



October 2023

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# DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

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## DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS – 2023

The 2023 Delaware hybrid field corn trials were conducted jointly by the University of Delaware's Agricultural Experiment Station and the Delaware Cooperative Extension Service, College of Agriculture and Natural Resources. Thirty-six hybrids were evaluated at four locations: Emerson Farms at **Middletown**, DE (dryland), Thomas Family Farms at **Marydel**, DE (center pivot irrigation), Plum Creek Farms, LLC at **Laurel**, DE (center pivot irrigation) and Carvel Research & Education Center at **Georgetown**, DE (lateral move irrigation). Hybrids were divided into three relative maturity groups; early 101-110 (12 entries), early-medium 111-114 (12 entries) and medium 115-120 days (12 entries). The hybrids tested are being sold for commercial planting or are on a clear track for commercial planting (e.g. within one or two years of access to farmers). Plans and rules for entering these trials are available upon request.

### Methodology

A randomized, complete block design with four replications was used in all tests. Four-row plots (experimental units) were planted with a Monosem Step 4 controls air planter. The center two rows of each plot were harvested with a small plot combine. Tillage and cultural practices are noted in Table 1. Temperature and rainfall information is taken at or nearest test locations from DEOS (<http://www.deos.udel.edu>). The raw data used to plot the Growing Degree Day (GDD) and rainfall graphs is presented in Table 2. The GDD was calculated by subtracting 50 from the average daily temperature ( $(\text{Max. Temp} + \text{Min. Temp})/2 - 50$ ). If the daily high temperature was greater than 86 degrees Fahrenheit, then 86 degrees is used and if the daily low was less than 50 degrees then 50 degrees Fahrenheit was used to calculate the average. The weather data for Emerson Farms, Middletown was taken from Townsend, DE-REC, for Thomas Family Farms, Marydel from Dover, DE-SFS, for Plum Creek Farms, LLC, Laurel from Laurel, DE Airport and for the Carvel Research & Education Center, Georgetown was taken from DE-REC stations. Data were analyzed by analysis of variance and hybrids were ranked by yield in each test.

### Traits Measured

- Yield was recorded in bushels per acre on the basis of 56 lb/bu and adjusted to 15.5% moisture.
- Percent moisture is the actual percentage of grain moisture at harvest determined by a grain analysis computer (HarvestMaster Classic GrainGage from Juniper Systems).
- Yield/Moisture (Y/M) is the yield in bu/A (adjusted to 15.5% moisture) divided by the grain harvest moisture.
- Test weight is measured in pounds per bushel determined by a grain analysis computer (HarvestMaster Classic GrainGage from Juniper Systems).
- Final population is the plant population extrapolated from plot data for each hybrid to an acre scale taken at flowering time.

- Percent stalk lodging is the percentage of plants that were broken below the ear.
- Percent root lodging is the percentage of plants that had lodged more than 30°.

### **C.V. and L.S.D.**

The coefficient of variation (C.V.) is a measurement of the amount of uncontrollable variability due to differences in the soil, weather, fertility, etc. A C.V. below 15% is considered good. Please note that the C.V. is expected to be higher at dryland locations.

The least significant difference (L.S.D.; computed at a 5% level of probability) is a tool to determine if two average values are significantly different. The difference between two hybrids must exceed the L.S.D. value to be considered significantly different from one another. Example for yield: L.S.D. = 25 bu/A, hybrid X = 120 bu/A, hybrid Y = 150 bu/A. The difference between X and Y (30 bu/A) exceeds the L.S.D. (25 bu/A). Therefore, hybrid X has a significantly lower yield performance than hybrid Y.

### **Note**

When reviewing the enclosed data, it is important to note moisture percentages when comparing hybrids within the same maturity group. Comparisons should not be made between hybrids of different maturity groups since these are separate tests. These results are based on one year's data only and should be considered as preliminary results. Hybrid performance may vary from location to location and from year to year because of differences in rainfall, temperature, soil type, soil fertility, diseases, insects, and a variety of other factors. Growers will obtain the best estimate of individual hybrid performance by looking at performance data over several years and across locations. We have provided a column for each maturity group with the average performance of hybrids over all locations.

## **HOW TO BEST USE CORN HYBRID PERFORMANCE TRIAL INFORMATION**

Information presented in this summary may be useful in selecting corn hybrids for production in Delaware. To maximize the usefulness of this information, follow these suggestions:

1. Select the test location that best represents your production location. Generally, corn hybrids are widely adapted across Delaware but certain soil or climatic conditions, cultural practices, or insect/disease problems may limit the choice of an entry.
2. Multiple-year average (means) across the greatest number of years are the best predictors of performance. Refer to previous test reports for information to evaluate corn hybrids which are of interest to you. Comparison between your selected hybrid and the grand mean for that maturity group will be helpful in identifying superior hybrids. When evaluating test results

across years or locations, we recommend that you give preference to trials with a C.V. less than 15%. Growers should also consider the cultural practices used for each trial.

3. Check the grand mean for the long-term averages and compare with your own production experience. If your yields have been consistently below these grand mean levels, you should evaluate each part of your management system for potential areas of improvement.
4. Using long-term averages, select the hybrid or hybrids with which you are best acquainted or are currently using on your farm. Use these hybrids as “bench marks” when comparing new hybrids. Identify those hybrids which have over years produced yields higher than your selected bench mark hybrid. Consider hybrids with high yields and lower grain moisture (high Y/M numbers). Hybrids with high stalk and root lodging percentages should be avoided.
5. We are including one or more corn hybrids to act as ‘**Check**’ hybrids for producers. We have tried to select check hybrids which will represent the newest and best genetics coming out of commercial programs.

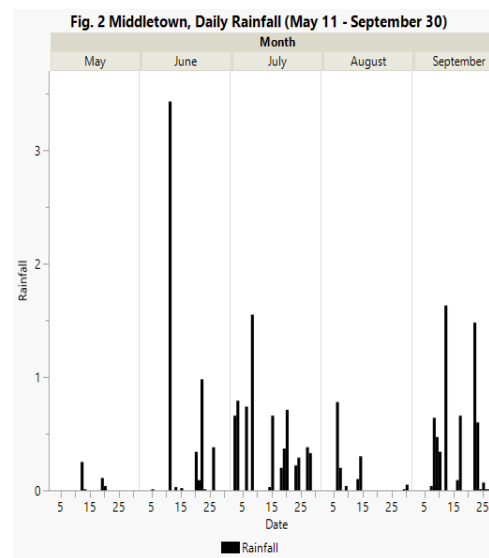
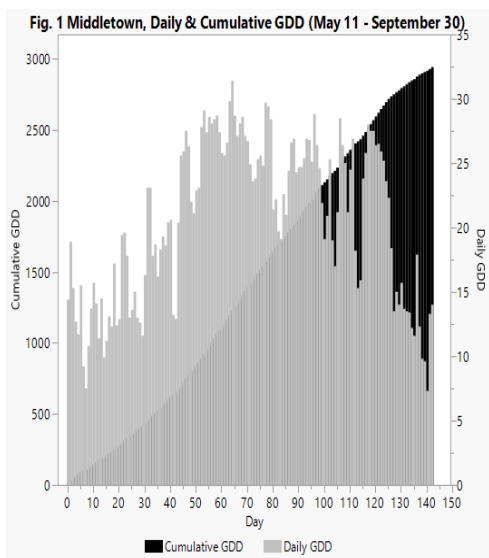
### Summary of Results

The 2023 growing season was characterized by moderate temperature and adequate moisture conditions during planting. We had an extended dry period from mid-May to June 11 during the early growth stage particularly at the Middletown dryland location. The low temperatures during the entire growing season have delayed the flowering period. The Middletown dryland location received a total of 0.01 inches of rain from May 22 to June 11, which is at the time of early growth development period.

In 2023, the Delaware corn hybrid performance yield tests averaged, 259, 264 and 265 bu/A compared to the 2022 yield which averaged 249, 258 and 255 bu/A across the three irrigated locations for the early, early-medium and medium maturity groups, respectively. In the dryland location, average yields in 2023 were 197, 247 and 229 bu/A for the early, early-medium and medium maturity groups, respectively. The corresponding average yields in 2022 were 171, 155 and 156 bu/A for the early, early-medium and medium maturity groups, respectively. The result of our yield test shows that the grain yield averaged across the irrigated locations and maturity groups in 2023 was 3.5% higher than in 2022, and in the dryland location it was 39% higher than in 2022. The grain yield averaged across all locations and maturity groups was 9.5% higher than in 2022.

**Middletown:** The average soil temperature at Townsend, DE-REC the nearest station to Emerson Farms, New Castle County; dryland, in April was 57.4 °F and 62.8 in May. A 50 °F soil temperature is considered the minimum temperature for corn germination. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A Growing Degree Days (GDD) of 90 to 120 is required for corn germination. A 129.6 GDD was accumulated in the ten days after planting (May 11) and hence the

germination was accelerated. The cumulative GDD for the hybrids with the relative maturity of 101-110, 111-114 & 115-120 was 2130-2334, 2359-2419 & 2435-2567, respectively (Figure 1). Middletown, the dryland location received a total of 0.41, 5.29, 6.93 and 1.48 inches of rainfall in May (after planting), June, July and August, respectively. It received 0.17 inches of rainfall from May 14 to June-11. This very low rainfall affected the early growth development. A total of 0 inches of rainfall was received between July 30-August 6 and this might have affected the grain development period for the early maturity group. This location has received 0.0 inches of rainfall from August 16-29 and this low amount of rainfall might have affected the ear development of the late maturity group. The daily rainfall received from planting to harvest period shows days without or with some amount of rainfall (Figure 2).

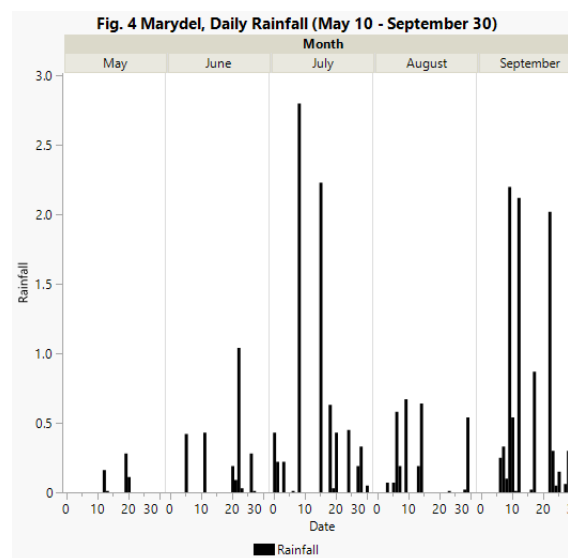
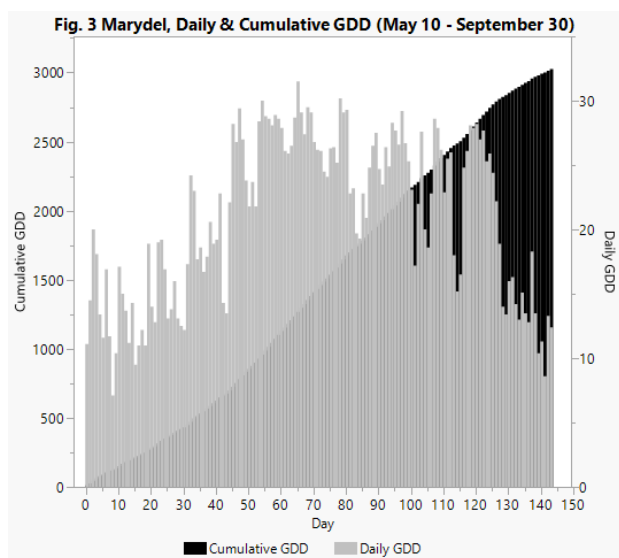


Yields at the Middletown dryland location averaged 197, 247 and 229 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 204, 250 and 224 bu/A, respectively (Tables 3, 4 and 5). There were no significant differences among hybrids for yield, grain moisture and yield/moisture for the early, early-medium and medium maturity groups, but there was a significant difference in test weight for all the maturity groups. Also there was a significant differences



among hybrids in plant population and stalk lodging for the early and with stalk lodging for the early-medium maturity group. Overall there was some stalk lodging particularly on the early-medium maturity group as a result of a wind storm.

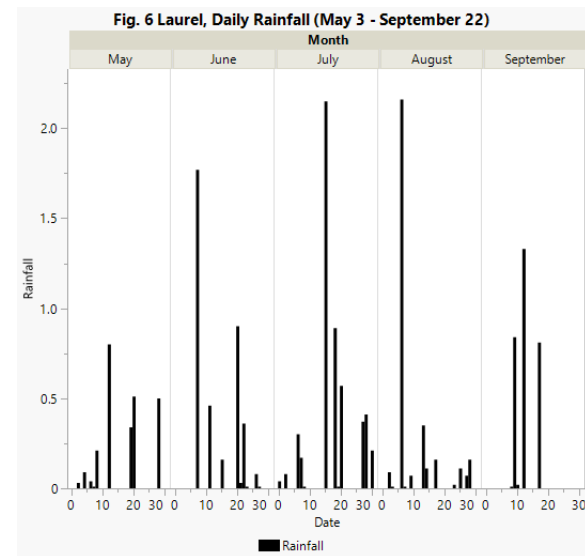
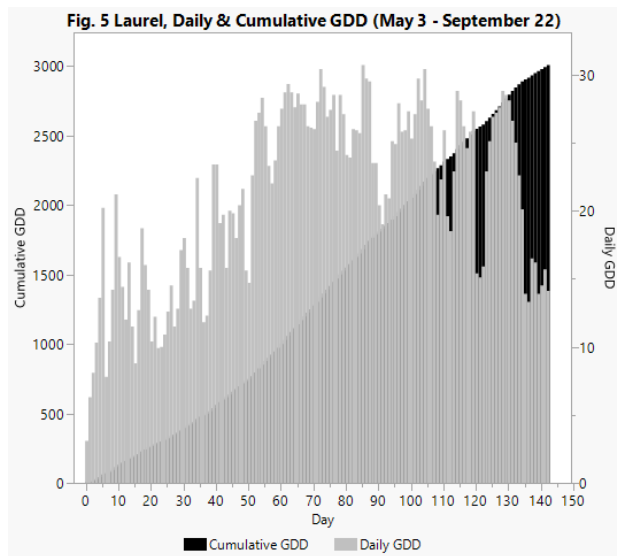
**Marydel:** The average soil temperature at Dover, DE-SFS the nearest station to Thomas Family Farms, Kent County irrigated location in April was 59.8 °F and 64.9°F in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 134.7 GDD was accumulated in the ten days after planting (May 10) at this station and was enough for germination and growth. The cumulative GDD for the hybrids with relative maturity of 101-110, 111-114 and 115-120 was 2170-2380, 2403-2472 and 2488-2611, respectively (Figure 3). Marydel received a total of 0.56, 2.49, 8.02 and 2.98 inches of rainfall in May (after planting), June, July and August, respectively (Figure 4).



Yields at the Marydel location averaged 274, 285 and 272 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 274, 287 and 278 bu/A, respectively (Tables 6, 7 and 8). There were significant differences among hybrids for yield, grain moisture, and test weight for all the maturity groups. There was a significant difference in

plant population and stalk lodging for the early maturity group, in plant population for the early-medium and yield over moisture for the medium maturity group. Overall there was some stalk lodging and very minor root lodging across all the maturity groups.

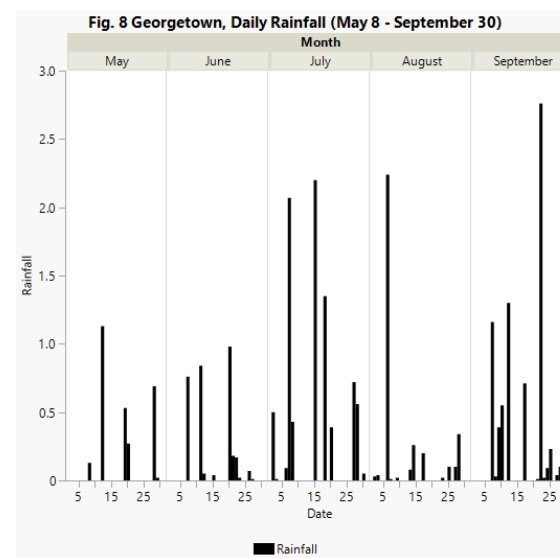
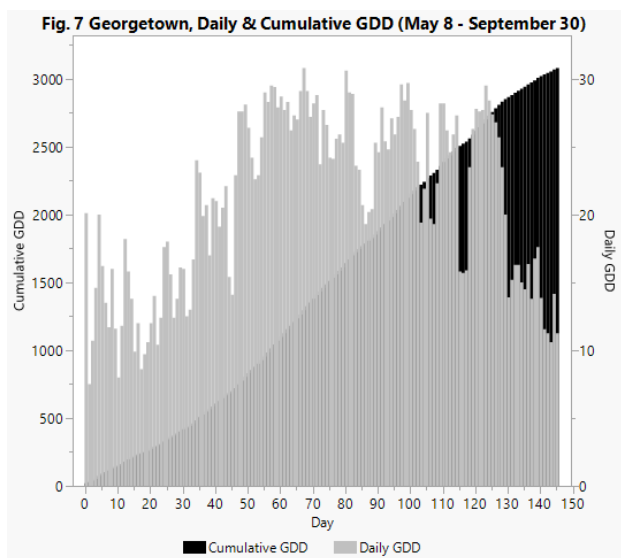
**Laurel:** The average soil temperature at Laurel, DE-Airport the nearest station to Plum Creek Farms, LLC, Sussex County; irrigated location in April was 60.4 °F and 65.8 in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 115.2 GDD was accumulated in the ten days after planting (May 3) at this station and was enough for germination and growth. The cumulative GDD for the hybrids with the relative maturity of 101-110, 111-114 and 115-120 was 2052-2287, 2313-2374 and 2403-2534, respectively (Figure 5). Laurel received a total of 2.53, 3.78, 5.21 and 3.32 inches of rainfall in May, June, July and August, respectively (Figure 6).



Yields at the Laurel location averaged 254, 255 and 266 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 251, 253 and 269 bu/A, respectively (Tables 9, 10, and 11). There were significant differences among hybrids in yield, grain moisture, test weight, yield over moisture, plant population and stalk lodging for the early maturity group. There was a significant difference among hybrids in yield, grain moisture and yield over moisture for the early-medium

maturity group. In the medium maturity group, there was a significant difference in grain moisture, test weight and plant population. In this testing location there was some minor stalk lodging and no root lodging.

**Georgetown:** The average soil temperature at Georgetown, Carvel Research & Education Center, Sussex County; irrigated location in April was 59.0 °F and 63.6 in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 141.7 GDD was accumulated in the first ten days after planting (May 8) at this location and was enough for germination and growth. The cumulative GDD for the hybrids with the relative maturity of 101-110, 111-114 and 115-120 was 2150-2358, 2386-2463 and 2490-2587, respectively (Figure 7). Georgetown received a total of 2.77, 3.12, 8.37 and 3.44 inches of rainfall in May (after planting), June, July and August, respectively (Figure 8).



Yields at the Georgetown location averaged 249, 252 and 256 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 253, 243 and 256 bu/A, respectively (Tables 12, 13 and 14). There were significant differences among hybrids for yield, yield/moisture, test weight plant population and stalk lodging in the early maturity group. In the

early-medium maturity group there were significant differences in yield, grain moisture, yield over moisture, test weight and stalk lodging. In the medium maturity group, there were significant differences in yield, grain moisture, yield over moisture, test weight, plant population and root lodging. Overall there was some stalk lodging and very minor root lodging across all the maturity groups. The grain yield rankings of hybrids across locations are provided in each table. A pooled yield average and yield ranks are also provided for each hybrid. There are a few hybrids that had high yield rankings across locations. We encourage growers to give strong consideration to hybrids with high average performance across locations and years and to use such hybrids as benchmarks for future hybrid decisions. However, growers should recognize that the relative performance of some hybrids might differ across environments. Careful hybrid selection should help stabilize yield performance in Delaware.

**Table 1. Experimental details and cultural practices**

	<b>Emerson Farms – Middletown (Dryland)</b>	<b>Thomas Family Farms – Marydel (Irrigated)</b>	<b>Plum Creek Farms, LLC – Laurel (Irrigated)</b>	<b>Carvel REC - Georgetown (Irrigated)</b>
<b>Number of entries</b>	36 + 6 checks	36 + 6 checks	36 + 6 checks	36 + 6 checks
<b>Number of maturities</b>	3	3	3	3
<b>Population plants/A</b>	28,000	33,000	33,000	33,000
<b>Row length</b>	17.5'	17.5'	17.5'	17.5'
<b>Number of rows harvested</b>	Center two rows	Center two rows	Center two rows	Center two rows
<b>Number of replications</b>	4	4	4	4
<b>Planting date</b>	May 11	May 10	May 3	May 8
<b>Harvest date</b>	September 30	October 4	September 22	October 3
<b>Soil type</b>	Matapeake silt loam	Sandy loam	Sandy loam	Rosedale loamy sand
<b>Previous crop</b>	Soybean	Soybean	Corn	Soybean
<b>Cover crop</b>	None	None	Rye	None
<b>Tillage practices</b>	Chisel plow, disk, field cultivator	Ripped, field cultivator	No till	Disc, chisel plow, field cultivator
<b>Cultivation</b>	None	None	None	None
<b>Fertilization</b>	3 tons/A of chicken manure. 15 gallons/A of 20-10-0-1s (N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O-s) starter 2"x2" (32 lb N & 36 lb P). At V4 –V5 stage side-dressed 70 gallons/A of 27-0-0-6s (203 lb N).	3 tons/A of chicken manure. 15 gallons/A of 20-10-0-1s (N-P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O) starter 2"x2" (32 lb N & 27 lb P). At V4-V5 stage side-dressed 70 gallons/A of 27-0-0-6s (203 lb N) and fertigated with 30 lbs /A of (24-0-0-3-.12).	3 tons/A of chicken manure. 15 gallons/A of 20-10-0-1s (N-P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O) starter 2"x2" (32 lb N & 27 lb P). At V4 –V5 stage side-dressed 70 gallons/A of 27-0-0-6s (203 lb N) and 30 lbs/A of 32% nitrogen was fertigated.	350 lb of 7-0-40/A spread before planting. 3 tons /A of chicken manure. 15 gallons/A of 20-10-0-1s (N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O) starter 2"x2" (32 lb N & 36 lb P) starter. At V4 –V5 stage side-dressed 70 gallons/A of 27-0-0-6s (203 lb N).
<b>Herbicide</b>	Lexar 3.5 qt/A, simazine 1 qt/A, Roundup 1 qt/A and Liberty 40 oz/A pre-emergence	Lexar 3.5 qt/A, simazine 1 qt/A, Roundup 1qt/A and Liberty 40 oz/A pre-emergence	Lexar 3.5 qt/A, simazine 1 qt/A, Roundup 1 qt/A and Liberty 40 oz/A pre-emergence.	Lexar 3 qt/A and simazine 1 qt/A pre-emrgence.
<b>Insecticide</b>	Sniper LFR 9 oz/A in starter at planting	Sniper LFR 9 oz/A in starter at planting	Sniper LFR 9 oz/A in starter at planting	Sniper LFR 9 oz/A in starter at planting
<b>Irrigation</b>	None	Center pivot	Center pivot	Lateral move

**Delaware corn hybrid variety performance trial entries:**

<b>Company/Brand</b>	<b>Hybrid</b>	<b>Trait</b>	<b>Seed treatment</b>	<b>RMD</b>	<b>Maturity Group</b>
Revere	RV0918 VT2P	VT2P	Radius 500	109	Early
NK	1040-AA-EZ1	Agrisure Above	Cruisemax 500+Vayantis	110	Early
NK	1188-AA	Agrisure Above	Cruisemax 500+Vayantis	111	Early
Growmark	FS 6017V RIB	VT2P RIB	Poncho Votivo 500	110	Early
Seed Consultants	SC1084AM	AM/LL/RR	LumiGEN	108	Early
Seed Consultants	SC1093AM	AM/LL/RR	LumiGEN	109	Early
Seed Consultants	SC1054AM	AM/LL/RR	LumiGEN	105	Early
Mid-Atlantic Seeds	MA6094PWE	PWE	C250	109	Early
Mid-Atlantic Seeds	MA8108VT2PRIB	VT2PRIB	C250	110	Early
Dyna-Gro	D45TC55RIB	Trecepta	A500	105	Early
Dyna-Gro	D50VC09RIB	VT2P	A500	110	Early
AgVenture	AV2208AM	YGCB, HX1, LL, RR2		108	Early
DeKalb	DKC111-35RIB (Check)	VT Double Pro		111	Early
DeKalb	DKC62-70RIB (Check)	VT Double Pro		111	Early
Revere	RV1307 TC	Trecepta	Radius 500	113	Early-Medium
NK	1188-AA	Agrisure Above	Cruisemax 500+Vayantis	111	Early-Medium
Growmark	FS 6121X RIB	SS RIB	Poncho Votivo 500	111	Early-Medium
Seed Consultants	SC1112AM	AM/LL/RR	LumiGEN	111	Early-Medium
Seed Consultants	SC1134AM	AM/LL/RR	LumiGEN	113	Early-Medium
Mid-Atlantic Seeds	MA8110TRECIB	TRECIB	A250	111	Early-Medium
Mid-Atlantic Seeds	MA8145VT2PRIB	VT2PRIB	A250	114	Early-Medium
Mid-Atlantic Seeds	MA6148PWE	PWE	C250	114	Early-Medium
Dyna-Gro	D53TC23RIB	Trecepta	A500	113	Early-Medium

AgVenture	AV2411AM	YGCB, HX1, LL, RR2		111	Early-Medium
AgVenture	AV3213AM	YGCB, HX1, LL, RR2		113	Early-Medium
AgVenture	AV7913AM	YGCB, HX1, LL, RR2		113	Early-Medium
DeKalb	DKC64-65RIB (Check)	VT Double Pro		114	Early-Medium
DeKalb	DKC64-22RIB (Check)	VT Double Pro		114	Early-Medium
Revere	RV1577 VT2P	VT2P	Radius 500	113	Medium
Revere	RV1627 TC	Trecepta	Radius 500	113	Medium
NK	1523-V-EZ1	Viptera	Cruisemax 500+Vayantis	115	Medium
NK	1748-3110	Agrisure Viptera	Cruisemax 500+Vayantis	117	Medium
Growmark	FS 6424V RIB	VT2P RIB	Poncho Votivo 500	114	Medium
Growmark	FS 6595V RIB	VT2P RIB	Poncho Votivo 500	115	Medium
Growmark	FS 6306T RIB	TRE/ASR RIB	Poncho Votivo 500	113	Medium
Seed Consultants	SC1154AM	AM/LL/RR	LumiGEN	115	Medium
Seed Consultants	SC1183AM	AM/LL/RR	LumiGEN	118	Medium
Mid-Atlantic Seeds	MA6153PWE	VIP3110	C250	115	Medium
Mid-Atlantic Seeds	MA5155VIP3110	VIP3110	C250	115	Medium
Dyna-Gro	D56TC44RIB	Trecepta	A500	116	Medium
DeKalb	DKC70-27RIB (Check)	VT Double Pro		120	Medium
Dyna-Gro	D58VC65 (Check)	VT Double Pro		118	Medium

Trait	Primary insect targets + Herbicide tolerance
Agrisure 5122	Black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, Southwestern corn borer and corn rootworm
Agrisure 5222	Black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, Southwestern corn borer, true armyworm, Western bean cutworm and corn rootworm
Agrisure Viptera 3110	Black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, Southwestern corn borer, true armyworm, Western bean cutworm, Glyphosate roundup ready 2 & Liberty link
Agrisure Duracade 5122 EZ Refuge DCEZ	Black cutworm, corn earworm, European corn borer, fall armyworm, root worm, Southwestern corn borer, true armyworm, corn rootworm, Glyphosate roundup
AM/LL/RR	Black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, and Southwestern corn borer; Liberty Link -glufosinate and Roundup Ready
DGVT2P	Contains double mode of action protection against corn earworm and other above-ground pests, including European corn borers, Southwestern corn borers and fall armyworm and DroughtGard
GT3VIP	Corn borer, corn rootworm and Glyphosate resistance
Q/LL/RR	Above and below ground insect protection for European corn borer, fall armyworm, Western bean cutworm and Western corn rootworm; Liberty Link -glufosinate and Roundup Ready.
Qrome	European corn borer, fall armyworm, Western bean cutworm and Western corn rootworm.
SmartStax	Corn earworm, European corn borer, black cutworm, Southwestern corn borer and fall armyworm
STX RIB	Black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer and Southwestern corn borer
Trecepta	European and Southwestern corn borers, fall armyworm, Western bean cutworm, black cutworm and corn earworm
VT2PRO	Contains double mode of action protection against corn earworm and other above-ground pests, including European corn borers, Southwestern corn borers and fall armyworm.
YGCB, HX1,LL,RR2	(Optimum® Intrasect®) - Contains the YieldGard® Corn Borer gene and Herculex® I gene for resistance to corn borer. Liberty Link -glufosinate and Roundup Ready 2-Glyphosate



**Seed company contact:**

<b>Company</b>	<b>Address</b>	<b>Phone</b>	<b>Web</b>
Agventure	7300 NW 62nd Ave Johnston, IA 50131	515-535-0800	<a href="http://www.agventure.com">www.agventure.com</a>
Dyna-Gro Seed	319 Jf Edwards Dr, Geneseo, IL 61254	937-459-2529	<a href="http://www.dynagro.com">www.dynagro.com</a>
East Coast Seed	17741 Davis Rd Georgetown, DE 19947	302-856-7018	<a href="http://www.eastcoastseed.com">www.eastcoastseed.com</a>
Mid-Atlantic Seeds	204 St. Charles Way #163E York, PA 17402	717-852-8894	<a href="http://www.midatlanticseeds.com">www.midatlanticseeds.com</a>
Revere	802 Rozelle St Memphis, TN 38104	570-980-3656	<a href="http://www.revereseed.com">www.revereseed.com</a>
Seed Consultants, Inc.	648 Miami trace Road SW, Washington Court House, OH 43160	740-837-0364	<a href="http://www.seedconsultants.com">www.seedconsultants.com</a>
Syngenta	897 Clarence Phillips Rd, Bennett, NC 27208	919-742-0710	<a href="http://www.syngenta-us.com">www.syngenta-us.com</a>
Growmark, Inc	1701 Towanda Ave. Bloomington, IL 61701	309-557-6245	<a href="http://www.growmarkfs.com">www.growmarkfs.com</a>

**Table 2. Growing degree day (GDD) and rainfall at or nearest test locations for the 2023 Delaware corn hybrid performance test**

Location	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall	Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Townsend	May	11	1	14.4	14.4	0	Townsend	June	1	22	19.4	293.4	0
Townsend	May	12	2	18.9	33.3	0	Townsend	June	2	23	19.6	313.0	0
Townsend	May	13	3	15.3	48.6	0.25	Townsend	June	3	24	17.8	330.8	0
Townsend	May	14	4	12.7	61.3	0.01	Townsend	June	4	25	13.0	343.8	0
Townsend	May	15	5	11.7	73.0	0	Townsend	June	5	26	13.6	357.3	0
Townsend	May	16	6	15.5	88.5	0	Townsend	June	6	27	15.0	372.3	0.01
Townsend	May	17	7	9.2	97.6	0	Townsend	June	7	28	13.0	385.3	0
Townsend	May	18	8	7.5	105.1	0	Townsend	June	8	29	12.6	397.9	0
Townsend	May	19	9	10.8	115.9	0	Townsend	June	9	30	11.6	409.5	0
Townsend	May	20	10	13.7	129.6	0.11	Townsend	June	10	31	16.3	425.8	0
Townsend	May	21	11	15.7	145.2	0.04	Townsend	June	11	32	23.1	448.8	0
Townsend	May	22	12	14.1	159.3	0	Townsend	June	12	33	23.1	471.9	3.43
Townsend	May	23	13	11.4	170.7	0	Townsend	June	13	34	17.8	489.6	0
Townsend	May	24	14	14.5	185.2	0	Townsend	June	14	35	18.7	508.3	0.03
Townsend	May	25	15	9.9	195.1	0	Townsend	June	15	36	16.2	524.5	0
Townsend	May	26	16	11.2	206.2	0	Townsend	June	16	37	18.3	542.8	0.02
Townsend	May	27	17	13.1	219.3	0	Townsend	June	17	38	19.3	562.1	0
Townsend	May	28	18	12.3	231.6	0	Townsend	June	18	39	18.6	580.7	0
Townsend	May	29	19	17.2	248.7	0	Townsend	June	19	40	20.4	601.1	0
Townsend	May	30	20	12.4	261.1	0	Townsend	June	20	41	20.6	621.6	0
Townsend	May	31	21	12.9	274.0	0	Townsend	June	21	42	13.2	634.8	0.34
							Townsend	June	22	43	12.9	647.7	0.09
							Townsend	June	23	44	20.4	668.1	0.98
							Townsend	June	24	45	25.6	693.6	0.01
							Townsend	June	25	46	25.9	719.5	0
							Townsend	June	26	47	27.5	747.0	0
							Townsend	June	27	48	26.3	773.2	0.38
							Townsend	June	28	49	22.0	795.2	0
							Townsend	June	29	50	21.1	816.2	0
							Townsend	June	30	51	22.9	839.1	0

**Table 2 Continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall	Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Townsend	July	1	52	23.1	862.2	0	Townsend	August	1	83	19.7	1691.1	0
Townsend	July	2	53	27.8	890.0	0	Townsend	August	2	84	19.1	1710.2	0
Townsend	July	3	54	29.1	919.0	0.66	Townsend	August	3	85	22.6	1732.8	0
Townsend	July	4	55	27.4	946.4	0.79	Townsend	August	4	86	21.0	1753.7	0
Townsend	July	5	56	28.6	975.0	0	Townsend	August	5	87	24.4	1778.1	0
Townsend	July	6	57	28.1	1003.1	0	Townsend	August	6	88	26.6	1804.7	0
Townsend	July	7	58	28.4	1031.4	0.74	Townsend	August	7	89	26.9	1831.6	0.78
Townsend	July	8	59	28.7	1060.1	0	Townsend	August	8	90	24.3	1855.8	0.2
Townsend	July	9	60	27.4	1087.5	1.55	Townsend	August	9	91	24.7	1880.5	0
Townsend	July	10	61	25.8	1113.3	0	Townsend	August	10	92	24.7	1905.2	0.04
Townsend	July	11	62	25.6	1138.9	0	Townsend	August	11	93	25.4	1930.6	0
Townsend	July	12	63	26.6	1165.5	0	Townsend	August	12	94	26.9	1957.5	0
Townsend	July	13	64	29.8	1195.2	0	Townsend	August	13	95	26.8	1984.3	0
Townsend	July	14	65	31.4	1226.6	0	Townsend	August	14	96	25.1	2009.3	0.1
Townsend	July	15	66	28.7	1255.2	0.03	Townsend	August	15	97	28.8	2038.1	0.3
Townsend	July	16	67	27.1	1282.3	0.66	Townsend	August	16	98	26.4	2064.5	0
Townsend	July	17	68	28.1	1310.3	0	Townsend	August	17	99	24.6	2089.1	0
Townsend	July	18	69	28.6	1338.9	0	Townsend	August	18	100	21.9	2110.9	0
Townsend	July	19	70	27.1	1366.0	0.2	Townsend	August	19	101	19.1	2130.0	0
Townsend	July	20	71	26.7	1392.6	0.37	Townsend	August	20	102	20.9	2150.9	0
Townsend	July	21	72	24.9	1417.5	0.71	Townsend	August	21	103	25.3	2176.1	0
Townsend	July	22	73	23.6	1441.1	0	Townsend	August	22	104	19.0	2195.1	0
Townsend	July	23	74	23.8	1464.9	0	Townsend	August	23	105	17.0	2212.1	0
Townsend	July	24	75	25.3	1490.2	0.22	Townsend	August	24	106	21.2	2233.3	0
Townsend	July	25	76	25.6	1515.8	0.29	Townsend	August	25	107	28.5	2261.7	0
Townsend	July	26	77	24.8	1540.5	0	Townsend	August	26	108	26.4	2288.1	0
Townsend	July	27	78	29.7	1570.2	0	Townsend	August	27	109	25.0	2313.1	0
Townsend	July	28	79	29.4	1599.6	0.38	Townsend	August	28	110	21.2	2334.3	0
Townsend	July	29	80	28.4	1627.9	0.33	Townsend	August	29	111	24.5	2358.7	0
Townsend	July	30	81	21.4	1649.3	0	Townsend	August	30	112	26.9	2385.6	0.01
Townsend	July	31	82	22.2	1671.4	0	Townsend	August	31	113	18.2	2403.7	0.05

**Table 2 continued...**

<b>Station</b>	<b>Month</b>	<b>Date</b>	<b>Day</b>	<b>Daily GDD</b>	<b>Cumulative GDD</b>	<b>Daily Rainfall</b>
Townsend	September	1	114	15.3	2419	0
Townsend	September	2	115	15.9	2434.9	0
Townsend	September	3	116	23.8	2458.6	0
Townsend	September	4	117	25.8	2484.4	0
Townsend	September	5	118	28.0	2512.4	0
Townsend	September	6	119	27.5	2539.8	0
Townsend	September	7	120	27.5	2567.3	0
Townsend	September	8	121	26.4	2593.7	0.04
Townsend	September	9	122	26.5	2620.2	0.64
Townsend	September	10	123	25.9	2646.0	0.47
Townsend	September	11	124	25.2	2671.2	0.34
Townsend	September	12	125	23.6	2694.8	0
Townsend	September	13	126	22.3	2717.0	1.63
Townsend	September	14	127	18.4	2735.4	0
Townsend	September	15	128	13.5	2748.9	0
Townsend	September	16	129	15.0	2763.8	0
Townsend	September	17	130	14.0	2777.8	0.09
Townsend	September	18	131	15.7	2793.5	0.66
Townsend	September	19	132	13.7	2807.2	0
Townsend	September	20	133	13.5	2820.6	0
Townsend	September	21	134	13.4	2834.0	0
Townsend	September	22	135	12.2	2846.2	0
Townsend	September	23	136	11.6	2857.8	1.48
Townsend	September	24	137	17.9	2875.7	0.6
Townsend	September	25	138	12.3	2888.0	0.01
Townsend	September	26	139	9.8	2897.8	0.07
Townsend	September	27	140	9.6	2907.4	0.01
Townsend	September	28	141	7.3	2914.7	0.01
Townsend	September	29	142	13.3	2928.0	0.13
Townsend	September	30	143	14.0	2942.0	0

**Table 2 Continued...**

Laurel	May	3	1	3.1	3.1	0.03		Laurel	June	1	30	17.1	377.8	0
Laurel	May	4	2	6.3	9.4	0		Laurel	June	2	31	18.0	395.8	0
Laurel	May	5	3	8.1	17.5	0.09		Laurel	June	3	32	15.8	411.6	0
Laurel	May	6	4	10.3	27.8	0		Laurel	June	4	33	12.8	424.4	0
Laurel	May	7	5	13.6	41.4	0.04		Laurel	June	5	34	13.4	437.7	0
Laurel	May	8	6	20.2	61.6	0.01		Laurel	June	6	35	22.4	460.1	0
Laurel	May	9	7	7.8	69.4	0.21		Laurel	June	7	36	15.8	475.9	0
Laurel	May	10	8	10.4	79.8	0		Laurel	June	8	37	11.8	487.7	1.77
Laurel	May	11	9	14.2	94.0	0		Laurel	June	9	38	12.3	500.0	0
Laurel	May	12	10	21.2	115.2	0		Laurel	June	10	39	15.6	515.6	0
Laurel	May	13	11	16.6	131.8	0.8		Laurel	June	11	40	23.4	539.0	0
Laurel	May	14	12	14.4	146.2	0		Laurel	June	12	41	23.4	562.4	0.46
Laurel	May	15	13	12.0	158.1	0		Laurel	June	13	42	19.1	581.5	0
Laurel	May	16	14	16.2	174.3	0		Laurel	June	14	43	19.7	601.1	0
Laurel	May	17	15	11.5	185.8	0		Laurel	June	15	44	15.8	616.9	0
Laurel	May	18	16	8.8	194.6	0		Laurel	June	16	45	20.0	636.9	0.16
Laurel	May	19	17	12.7	207.3	0		Laurel	June	17	46	19.8	656.7	0
Laurel	May	20	18	18.7	225.9	0.34		Laurel	June	18	47	18.0	674.6	0
Laurel	May	21	19	16.0	241.9	0.51		Laurel	June	19	48	20.4	695.0	0
Laurel	May	22	20	14.2	256.1	0		Laurel	June	20	49	21.6	716.5	0
Laurel	May	23	21	10.4	266.5	0		Laurel	June	21	50	15.6	732.1	0.9
Laurel	May	24	22	12.2	278.6	0		Laurel	June	22	51	14.7	746.7	0.03
Laurel	May	25	23	9.9	288.5	0		Laurel	June	23	52	22.6	769.3	0.36
Laurel	May	26	24	10.0	298.5	0		Laurel	June	24	53	26.6	795.9	0.01
Laurel	May	27	25	10.9	309.4	0		Laurel	June	25	54	27.2	823.1	0
Laurel	May	28	26	12.6	322.0	0		Laurel	June	26	55	28.3	851.3	0
Laurel	May	29	27	14.5	336.4	0.5		Laurel	June	27	56	26.2	877.5	0.08
Laurel	May	30	28	11.5	347.9	0		Laurel	June	28	57	23.3	900.8	0.01
Laurel	May	31	29	12.8	360.7	0		Laurel	June	29	58	22.0	922.7	0
								Laurel	June	30	59	23.7	946.4	0

**Table 2 Continued...**

Laurel	July	1	60	26.2	972.6	0.04		Laurel	August	1	91	20.4	1809.4	0
Laurel	July	2	61	27.5	1000.1	0		Laurel	August	2	92	19.0	1828.4	0
Laurel	July	3	62	28.7	1028.8	0.08		Laurel	August	3	93	21.2	1849.5	0.09
Laurel	July	4	63	29.3	1058.0	0		Laurel	August	4	94	20.9	1870.4	0.01
Laurel	July	5	64	28.7	1086.7	0		Laurel	August	5	95	25.1	1895.5	0
Laurel	July	6	65	27.6	1114.3	0		Laurel	August	6	96	24.9	1920.4	0
Laurel	July	7	66	28.6	1142.9	0.3		Laurel	August	7	97	27.9	1948.3	2.16
Laurel	July	8	67	27.8	1170.7	0.17		Laurel	August	8	98	25.8	1974.0	0.01
Laurel	July	9	68	27.8	1198.4	0.01		Laurel	August	9	99	25.9	1999.9	0
Laurel	July	10	69	26.2	1224.6	0		Laurel	August	10	100	27.3	2027.2	0.07
Laurel	July	11	70	26.1	1250.7	0		Laurel	August	11	101	25.3	2052.4	0
Laurel	July	12	71	26.0	1276.6	0		Laurel	August	12	102	27.1	2079.5	0
Laurel	July	13	72	28.0	1304.6	0		Laurel	August	13	103	29.7	2109.2	0
Laurel	July	14	73	30.4	1335.0	0		Laurel	August	14	104	28.1	2137.3	0.35
Laurel	July	15	74	29.1	1364.1	0		Laurel	August	15	105	30.4	2167.7	0.11
Laurel	July	16	75	26.9	1391.0	2.15		Laurel	August	16	106	27.5	2195.1	0
Laurel	July	17	76	27.4	1418.4	0		Laurel	August	17	107	26.2	2221.3	0
Laurel	July	18	77	28.5	1446.9	0		Laurel	August	18	108	23.6	2244.9	0.16
Laurel	July	19	78	24.4	1471.2	0.89		Laurel	August	19	109	19.7	2264.6	0
Laurel	July	20	79	28.5	1499.7	0.01		Laurel	August	20	110	22.3	2286.9	0
Laurel	July	21	80	27.1	1526.8	0.57		Laurel	August	21	111	25.9	2312.8	0
Laurel	July	22	81	24.1	1550.8	0		Laurel	August	22	112	19.6	2332.4	0
Laurel	July	23	82	23.9	1574.7	0		Laurel	August	23	113	18.5	2350.9	0
Laurel	July	24	83	26.0	1600.7	0		Laurel	August	24	114	22.9	2373.8	0.02
Laurel	July	25	84	25.9	1626.6	0		Laurel	August	25	115	28.8	2402.5	0
Laurel	July	26	85	25.7	1652.2	0		Laurel	August	26	116	28.1	2430.6	0.11
Laurel	July	27	86	30.7	1682.9	0		Laurel	August	27	117	26.2	2456.8	0
Laurel	July	28	87	29.7	1712.6	0.37		Laurel	August	28	118	24.6	2481.4	0.07
Laurel	July	29	88	29.5	1742.1	0.41		Laurel	August	29	119	25.8	2507.2	0.16
Laurel	July	30	89	23.5	1765.5	0		Laurel	August	30	120	27.3	2534.4	0
Laurel	July	31	90	23.5	1789.0	0.21		Laurel	August	31	121	15.4	2549.8	0

**Table 2 Continued...**

<b>Station</b>	<b>Month</b>	<b>Date</b>	<b>Day</b>	<b>Daily GDD</b>	<b>Cumulative GDD</b>	<b>Daily Rainfall</b>
Laurel	September	1	122	15.1	2564.9	0
Laurel	September	2	123	15.9	2580.8	0
Laurel	September	3	124	22.9	2603.7	0
Laurel	September	4	125	25.1	2628.8	0
Laurel	September	5	126	26.9	2655.7	0
Laurel	September	6	127	27.2	2682.9	0
Laurel	September	7	128	27.6	2710.5	0
Laurel	September	8	129	28.8	2739.3	0
Laurel	September	9	130	28.5	2767.8	0.01
Laurel	September	10	131	28.1	2795.9	0.84
Laurel	September	11	132	26.6	2822.5	0.02
Laurel	September	12	133	25.0	2847.4	0
Laurel	September	13	134	22.6	2870.0	1.33
Laurel	September	14	135	20.1	2890.1	0
Laurel	September	15	136	13.9	2904.0	0
Laurel	September	16	137	13.3	2917.3	0
Laurel	September	17	138	16.5	2933.8	0
Laurel	September	18	139	16.2	2949.9	0.81
Laurel	September	19	140	13.9	2963.8	0
Laurel	September	20	141	14.5	2978.3	0
Laurel	September	21	142	15.7	2994.0	0
Laurel	September	22	143	14.1	3008.1	0

**Table 2 Continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall		Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Dover	May	10	1	11.1	11.1	0		Dover	June	1	23	19.0	314.2	0
Dover	May	11	2	14.5	25.6	0		Dover	June	2	24	19.2	333.4	0
Dover	May	12	3	20.0	45.6	0		Dover	June	3	25	16.9	350.3	0
Dover	May	13	4	18.1	63.7	0.16		Dover	June	4	26	13.1	363.4	0
Dover	May	14	5	13.4	77.1	0.01		Dover	June	5	27	13.8	377.1	0
Dover	May	15	6	11.6	88.7	0		Dover	June	6	28	16.0	393.1	0.42
Dover	May	16	7	16.9	105.5	0		Dover	June	7	29	13.1	406.2	0
Dover	May	17	8	11.7	117.2	0		Dover	June	8	30	12.5	418.6	0
Dover	May	18	9	7.1	124.3	0		Dover	June	9	31	12.2	430.8	0
Dover	May	19	10	10.4	134.7	0		Dover	June	10	32	17.3	448.0	0
Dover	May	20	11	17.1	151.7	0.28		Dover	June	11	33	24.2	472.2	0
Dover	May	21	12	15.0	166.7	0.11		Dover	June	12	34	23.0	495.2	0.43
Dover	May	22	13	13.7	180.4	0		Dover	June	13	35	17.7	512.9	0
Dover	May	23	14	11.2	191.6	0		Dover	June	14	36	18.6	531.5	0
Dover	May	24	15	14.3	205.9	0		Dover	June	15	37	16.7	548.2	0
Dover	May	25	16	9.5	215.3	0		Dover	June	16	38	17.9	566.0	0
Dover	May	26	17	11.0	226.3	0		Dover	June	17	39	20.6	586.6	0
Dover	May	27	18	12.2	238.5	0		Dover	June	18	40	18.9	605.5	0
Dover	May	28	19	11.0	249.5	0		Dover	June	19	41	19.2	624.6	0
Dover	May	29	20	18.9	268.4	0		Dover	June	20	42	22.8	647.4	0
Dover	May	30	21	14.0	282.4	0		Dover	June	21	43	14.3	661.6	0.19
Dover	May	31	22	12.8	295.2	0		Dover	June	22	44	13.5	675.1	0.09
								Dover	June	23	45	22.1	697.2	1.04
								Dover	June	24	46	28.2	725.3	0.03
								Dover	June	25	47	26.8	752.1	0
								Dover	June	26	48	29.4	781.5	0
								Dover	June	27	49	27.0	808.5	0.28
								Dover	June	28	50	23.8	832.2	0.01
								Dover	June	29	51	21.8	854.0	0
								Dover	June	30	52	23.7	877.7	0



**Table 2 Continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall		Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Dover	July	1	53	21.8	899.5	0.43		Dover	August	1	84	19.7	1741.7	0
Dover	July	2	54	28.4	927.9	0.22		Dover	August	2	85	19.3	1761.0	0
Dover	July	3	55	30.0	957.9	0		Dover	August	3	86	22.8	1783.8	0
Dover	July	4	56	28.8	986.7	0.22		Dover	August	4	87	20.9	1804.7	0.07
Dover	July	5	57	28.6	1015.2	0		Dover	August	5	88	24.8	1829.5	0
Dover	July	6	58	28.1	1043.3	0		Dover	August	6	89	26.5	1855.9	0.07
Dover	July	7	59	28.9	1072.1	0.01		Dover	August	7	90	27.5	1883.4	0.58
Dover	July	8	60	28.6	1100.7	0		Dover	August	8	91	24.7	1908.1	0.19
Dover	July	9	61	27.9	1128.5	2.8		Dover	August	9	92	23.5	1931.5	0
Dover	July	10	62	26.1	1154.6	0		Dover	August	10	93	26.4	1957.9	0.67
Dover	July	11	63	25.9	1180.5	0		Dover	August	11	94	24.9	1982.8	0
Dover	July	12	64	26.5	1206.9	0		Dover	August	12	95	28.3	2011.1	0
Dover	July	13	65	28.7	1235.6	0		Dover	August	13	96	27.7	2038.7	0
Dover	July	14	66	31.5	1267.1	0		Dover	August	14	97	26.6	2065.3	0.19
Dover	July	15	67	29.1	1296.2	0		Dover	August	15	98	29.2	2094.5	0.64
Dover	July	16	68	27.4	1323.5	2.23		Dover	August	16	99	26.7	2121.1	0
Dover	July	17	69	29.5	1353.0	0		Dover	August	17	100	25.3	2146.4	0
Dover	July	18	70	29.1	1382.0	0		Dover	August	18	101	23.1	2169.5	0
Dover	July	19	71	26.8	1408.8	0.63		Dover	August	19	102	17.2	2186.6	0
Dover	July	20	72	26.2	1435.0	0.03		Dover	August	20	103	22.0	2208.6	0
Dover	July	21	73	26.1	1461.1	0.43		Dover	August	21	104	27.6	2236.2	0
Dover	July	22	74	24.5	1485.6	0		Dover	August	22	105	20.0	2256.2	0
Dover	July	23	75	24.1	1509.7	0		Dover	August	23	106	18.6	2274.7	0
Dover	July	24	76	26.3	1535.9	0		Dover	August	24	107	22.8	2297.5	0.01
Dover	July	25	77	26.4	1562.3	0.45		Dover	August	25	108	28.6	2326.1	0
Dover	July	26	78	25.2	1587.5	0		Dover	August	26	109	27.9	2353.9	0
Dover	July	27	79	30.2	1617.6	0		Dover	August	27	110	26.2	2380.1	0
Dover	July	28	80	29.1	1646.7	0.19		Dover	August	28	111	22.9	2403.0	0
Dover	July	29	81	29.3	1676.0	0.33		Dover	August	29	112	25.5	2428.4	0.02
Dover	July	30	82	22.8	1698.8	0		Dover	August	30	113	26.0	2454.4	0.54
Dover	July	31	83	23.2	1722.0	0.05		Dover	August	31	114	18.0	2472.4	0

**Table 2 continued...**

<b>Station</b>	<b>Month</b>	<b>Date</b>	<b>Day</b>	<b>Daily GDD</b>	<b>Cumulative GDD</b>	<b>Daily Rainfall</b>
Dover	September	1	115	15.2	2487.6	0
Dover	September	2	116	16.5	2504.1	0
Dover	September	3	117	24.8	2528.9	0
Dover	September	4	118	26.1	2555.0	0
Dover	September	5	119	28.1	2583.0	0
Dover	September	6	120	27.9	2610.9	0
Dover	September	7	121	28.2	2639.1	0.25
Dover	September	8	122	27.0	2666.1	0.33
Dover	September	9	123	27.7	2693.8	0.1
Dover	September	10	124	25.3	2719.0	2.2
Dover	September	11	125	25.9	2744.9	0.54
Dover	September	12	126	24.4	2769.3	0.01
Dover	September	13	127	22.2	2791.4	2.12
Dover	September	14	128	18.9	2810.3	0
Dover	September	15	129	14.0	2824.3	0
Dover	September	16	130	13.4	2837.7	0
Dover	September	17	131	16.0	2853.7	0.02
Dover	September	18	132	16.3	2870.0	0.87
Dover	September	19	133	14.2	2884.2	0
Dover	September	20	134	13.0	2897.2	0
Dover	September	21	135	15.1	2912.2	0
Dover	September	22	136	13.5	2925.7	0
Dover	September	23	137	12.8	2938.5	2.02
Dover	September	24	138	18.3	2956.8	0.3
Dover	September	25	139	13.5	2970.3	0.05
Dover	September	26	140	10.4	2980.7	0.15
Dover	September	27	141	11.3	2991.9	0
Dover	September	28	142	8.6	3000.5	0.06
Dover	September	29	143	13.3	3013.7	0.3
Dover	September	30	144	12.4	3026.1	0.04

**Table 2 Continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall		Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Georgetown	May	8	1	20.1	20.1	0		Georgetown	June	1	25	17.6	326.2	0
Georgetown	May	9	2	7.5	27.6	0.13		Georgetown	June	2	26	18.0	344.2	0
Georgetown	May	10	3	10.7	38.3	0		Georgetown	June	3	27	15.6	359.7	0
Georgetown	May	11	4	14.6	52.9	0		Georgetown	June	4	28	12.4	372.1	0
Georgetown	May	12	5	20.0	72.9	0		Georgetown	June	5	29	13.8	385.9	0
Georgetown	May	13	6	16.2	89.1	1.13		Georgetown	June	6	30	16.1	401.9	0
Georgetown	May	14	7	13.5	102.5	0		Georgetown	June	7	31	16.0	417.9	0
Georgetown	May	15	8	11.7	114.2	0		Georgetown	June	8	32	12.5	430.4	0.76
Georgetown	May	16	9	16.0	130.2	0		Georgetown	June	9	33	13.0	443.4	0
Georgetown	May	17	10	11.6	141.7	0		Georgetown	June	10	34	16.7	460.1	0
Georgetown	May	18	11	8.0	149.7	0		Georgetown	June	11	35	24.0	484.0	0
Georgetown	May	19	12	11.8	161.4	0		Georgetown	June	12	36	23.1	507.1	0.84
Georgetown	May	20	13	18.2	179.6	0.53		Georgetown	June	13	37	19.9	526.9	0.05
Georgetown	May	21	14	15.8	195.3	0.27		Georgetown	June	14	38	20.7	547.6	0
Georgetown	May	22	15	13.8	209.1	0		Georgetown	June	15	39	17.0	564.6	0
Georgetown	May	23	16	9.9	219.0	0		Georgetown	June	16	40	21.2	585.8	0.04
Georgetown	May	24	17	12.0	231.0	0		Georgetown	June	17	41	21.0	606.8	0
Georgetown	May	25	18	8.6	239.6	0		Georgetown	June	18	42	19.1	625.9	0
Georgetown	May	26	19	9.7	249.3	0		Georgetown	June	19	43	20.5	646.3	0
Georgetown	May	27	20	10.6	259.9	0		Georgetown	June	20	44	22.1	668.4	0
Georgetown	May	28	21	12.0	271.9	0		Georgetown	June	21	45	15.4	683.7	0.98
Georgetown	May	29	22	14.0	285.9	0.69		Georgetown	June	22	46	14.1	697.8	0.18
Georgetown	May	30	23	10.4	296.2	0.02		Georgetown	June	23	47	22.9	720.7	0.17
Georgetown	May	31	24	12.4	308.6	0		Georgetown	June	24	48	27.6	748.2	0.02
								Georgetown	June	25	49	27.6	775.8	0
								Georgetown	June	26	50	28.1	803.9	0
								Georgetown	June	27	51	26.4	830.3	0.07
								Georgetown	June	28	52	24.2	854.5	0.01
								Georgetown	June	29	53	22.6	877.1	0
								Georgetown	June	30	54	22.9	900.0	0

**Table 2 Continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall		Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Georgetown	July	1	55	25.7	925.7	0		Georgetown	August	1	86	20.7	1766.7	0
Georgetown	July	2	56	29.0	954.7	0		Georgetown	August	2	87	19.3	1786.0	0
Georgetown	July	3	57	28.3	982.9	0.5		Georgetown	August	3	88	20.2	1806.2	0.03
Georgetown	July	4	58	29.5	1012.4	0.01		Georgetown	August	4	89	20.4	1826.6	0.04
Georgetown	July	5	59	29.4	1041.8	0		Georgetown	August	5	90	25.3	1851.9	0
Georgetown	July	6	60	27.9	1069.6	0		Georgetown	August	6	91	24.6	1876.4	0
Georgetown	July	7	61	28.7	1098.3	0.09		Georgetown	August	7	92	27.9	1904.3	2.24
Georgetown	July	8	62	27.7	1126.0	2.07		Georgetown	August	8	93	25.4	1929.7	0.01
Georgetown	July	9	63	28.3	1154.3	0.43		Georgetown	August	9	94	24.8	1954.4	0
Georgetown	July	10	64	26.2	1180.4	0		Georgetown	August	10	95	27.1	1981.5	0.02
Georgetown	July	11	65	27.3	1207.7	0		Georgetown	August	11	96	25.9	2007.3	0
Georgetown	July	12	66	27.0	1234.6	0		Georgetown	August	12	97	27.2	2034.5	0
Georgetown	July	13	67	29.1	1263.7	0		Georgetown	August	13	98	29.6	2064.0	0
Georgetown	July	14	68	30.8	1294.5	0		Georgetown	August	14	99	28.4	2092.4	0.08
Georgetown	July	15	69	29.1	1323.6	0		Georgetown	August	15	100	29.7	2122.1	0.26
Georgetown	July	16	70	27.2	1350.8	2.2		Georgetown	August	16	101	27.7	2149.8	0
Georgetown	July	17	71	28.2	1379.0	0		Georgetown	August	17	102	26.3	2176.1	0
Georgetown	July	18	72	28.8	1407.8	0		Georgetown	August	18	103	23.9	2200.0	0.2
Georgetown	July	19	73	23.7	1431.5	1.35		Georgetown	August	19	104	19.4	2219.4	0
Georgetown	July	20	74	27.7	1459.1	0		Georgetown	August	20	105	21.9	2241.2	0
Georgetown	July	21	75	26.6	1485.7	0.39		Georgetown	August	21	106	27.5	2268.7	0
Georgetown	July	22	76	24.2	1509.9	0		Georgetown	August	22	107	19.7	2288.4	0
Georgetown	July	23	77	24.1	1534.0	0		Georgetown	August	23	108	19.3	2307.6	0
Georgetown	July	24	78	25.6	1559.6	0		Georgetown	August	24	109	22.3	2329.9	0.02
Georgetown	July	25	79	25.9	1585.4	0		Georgetown	August	25	110	28.2	2358.0	0
Georgetown	July	26	80	25.3	1610.7	0		Georgetown	August	26	111	28.2	2386.2	0.1
Georgetown	July	27	81	30.6	1641.3	0		Georgetown	August	27	112	26.2	2412.4	0
Georgetown	July	28	82	29.0	1670.2	0.72		Georgetown	August	28	113	24.6	2436.9	0.1
Georgetown	July	29	83	28.9	1699.1	0.56		Georgetown	August	29	114	25.9	2462.8	0.34
Georgetown	July	30	84	23.6	1722.7	0		Georgetown	August	30	115	27.3	2490.1	0
Georgetown	July	31	85	23.3	1746.0	0.05		Georgetown	August	31	116	15.8	2505.9	0

**Table 2 continued...**

Station	Month	Date	Day	Daily GDD	Cumulative GDD	Daily Rainfall
Georgetown	September	1	117	15.7	2521.6	0
Georgetown	September	2	118	15.9	2537.5	0
Georgetown	September	3	119	23.5	2561.0	0
Georgetown	September	4	120	26.3	2587.3	0
Georgetown	September	5	121	27.8	2615.0	0
Georgetown	September	6	122	27.6	2642.6	0
Georgetown	September	7	123	27.7	2670.3	0
Georgetown	September	8	124	29.5	2699.8	1.16
Georgetown	September	9	125	28.4	2728.1	0.03
Georgetown	September	10	126	27.4	2755.5	0.39
Georgetown	September	11	127	26.8	2782.3	0.55
Georgetown	September	12	128	25.7	2808.0	0
Georgetown	September	13	129	23.5	2831.4	1.3
Georgetown	September	14	130	20.0	2851.4	0
Georgetown	September	15	131	13.9	2865.3	0
Georgetown	September	16	132	15.2	2880.5	0
Georgetown	September	17	133	16.3	2896.8	0
Georgetown	September	18	134	16.3	2913.0	0.71
Georgetown	September	19	135	15.0	2928.0	0
Georgetown	September	20	136	14.5	2942.4	0
Georgetown	September	21	137	16.35	2958.8	0
Georgetown	September	22	138	13.8	2972.6	0.01
Georgetown	September	23	139	16.75	2989.3	2.76
Georgetown	September	24	140	17.6	3006.9	0.02
Georgetown	September	25	141	13.85	3020.8	0.09
Georgetown	September	26	142	11.55	3032.3	0.23
Georgetown	September	27	143	11.25	3043.6	0
Georgetown	September	28	144	10.6	3054.2	0.04
Georgetown	September	29	145	14.15	3068.3	0.1
Georgetown	September	30	146	11.25	3079.6	0.02

**Table 3. Dryland Corn Hybrid Performance Summary  
Emerson Farms (New Castle County) Middletown, Delaware**

Planted 5/11/2023 & Harvested September 30, Early Hybrids										Performance Ranking for				Pooled sites		Two Year	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Middletown Dryland	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Irrigated Yield Avg. Bu/A	Rank	Pooled Yield Ave. Bu/A	Yield Ave. Bu/A
AgVenture	AV2208AM	210.6	20.7	10.1	52.5	27985.0	21.9	0.0	103.3	1	2	10	3	265.3	3	251.6	
Seed Consultants	SC1093AM	207.8	20.4	10.1	54.2	27550.0	14.1	0.0	102.0	2	8	8	4	263.3	5	249.5	242.6
DeKalb	DKC62-70RIB (Check)	205.6	20.8	9.9	55.8	27550.0	7.3	0.0	100.9	3	11	7	9	257.4	10	244.5	
DeKalb	DKC111-35RIB (Check)	202.0	19.7	10.3	56.3	27260.0	7.3	0.0	99.1	4	5	9	6	261.0	6	246.2	
Dyna-Gro	D50VC09RIB	200.4	20.8	9.6	52.0	26825.0	8.1	0.0	98.3	5	14	5	5	258.5	9	243.9	240.2
Growmark	FS 6017V RIB	199.7	20.7	9.6	52.5	26100.0	10.5	0.0	98.0	6	10	4	8	260.1	8	245.0	238.9
NK	1040-AA-EZ1	196.1	20.3	9.7	51.7	26390.0	6.6	0.0	96.2	7	12	12	10	246.5	13	233.9	
Mid-Atlantic Seeds	MA8108VT2PRIB	196.0	20.3	9.6	55.4	26680.0	6.9	0.0	96.1	8	6	11	12	252.7	11	238.5	232.9
Seed Consultants	SC1084AM	195.6	20.7	9.5	53.6	27260.0	19.4	0.0	96.0	9	7	1	2	270.0	2	251.4	
Mid-Atlantic Seeds	MA6094PWE	194.3	19.2	10.0	53.6	28565.0	44.2	0.5	95.3	10	1	2	1	277.2	1	256.4	
Dyna-Gro	D45TC55RIB	194.1	20.8	9.3	53.4	27260.0	2.6	0.0	95.2	11	9	13	11	247.9	12	234.4	
Seed Consultants	SC1054AM	192.8	20.6	9.3	54.3	25955.0	11.4	0.0	94.6	12	13	14	14	239.9	14	228.1	
NK	1188-AA	188.3	21.2	8.9	52.7	27695.0	10.4	0.0	92.4	13	3	6	7	264.8	4	245.7	
Revere	RV0918 VT2P	173.3	20.2	8.5	53.3	26970.0	42.8	0.0	85.0	14	4	3	13	260.8	7	238.9	231.6
	<b>Check Avg.</b>	203.8	20.2	10.1	56.0	27405.0	7.3	0.0									
	<b>Test Avg.</b>	196.9	20.4	9.6	53.7	27146.0	15.2	0.0									
	<b>LSD (0.05)</b>	NS	NS	NS	2.1	1409.0	20.2	NS									
	<b>% C.V.</b>	19.1	7.0	13.2	2.7	3.5	99.8	200.0									
	<b>Check Avg. + LSD (0.05)</b>																

NS = not statistically significant at a 5% probability level

**Table 4. Dryland Corn Hybrid Performance Summary  
Emerson Farms (New Castle County) Middletown, Delaware**

Planted 5/11/2023 & Harvested September 30, Early-Medium Hybrids										Performance Ranking for				Pooled sites		Two Year	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Middletown Dryland	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Irrigated Yield Avg. Bu/A	Rank	Pooled Yield Ave. Bu/A	Yield Ave. Bu/A
AgVenture	AV3213AM	262.6	25.4	10.4	49.9	27550.0	0.6	0.0	105.1	1	13	4	9	261.8	9	262.0	
DeKalb	DKC64-22RIB (Check)	258.4	25.9	10.0	52.5	26245.0	1.1	0.0	103.4	2	8	14	1	264.6	7	263.0	
AgVenture	AV7913AM	257.8	23.6	10.9	51.6	27405.0	2.6	0.0	103.2	3	2	3	3	273.1	1	269.3	249.1
Seed Consultants	SC1134AM	254.8	23.9	10.7	50.1	26390.0	0.0	0.0	101.9	4	11	1	6	267.4	4	264.2	
Mid-Atlantic Seeds	MA6148PWE	253.9	25.0	10.2	51.7	26825.0	0.0	0.0	101.6	5	5	12	8	262.2	8	260.1	
AgVenture	AV2411AM	250.5	22.3	11.3	51.8	27405.0	0.0	0.0	100.2	6	7	6	7	265.4	6	261.7	
NK	1188-AA	246.5	24.0	10.3	51.6	26680.0	1.1	0.0	98.6	7	1	13	13	261.0	11	257.3	
Revere	RV1307 TC	245.5	23.4	10.5	51.7	26680.0	0.0	0.0	98.2	8	3	5	10	265.9	5	260.8	247.7
Growmark	FS 6121X RIB	242.1	24.0	10.1	50.7	25810.0	0.0	0.0	96.9	9	4	7	4	268.3	3	261.8	
DeKalb	DKC64-65RIB (Check)	241.4	26.3	9.3	51.6	25810.0	0.6	0.0	96.6	10	12	10	12	257.1	13	253.2	
Mid-Atlantic Seeds	MA8145VT2PRIB	239.9	23.3	10.3	52.3	27115.0	2.1	0.0	96.0	11	14	8	5	258.9	12	254.1	245.9
Mid-Atlantic Seeds	MA8110TRECRIB	237.5	23.5	10.1	52.1	25810.0	0.0	0.0	95.0	12	6	9	11	261.4	10	255.5	244.6
Seed Consultants	SC1112AM	232.8	24.2	9.6	52.2	27695.0	12.7	1.6	93.2	13	9	2	2	270.9	2	261.4	254.4
Dyna-Gro	D53TC23RIB	232.0	22.9	10.2	52.3	25375.0	0.6	0.0	92.8	14	10	11	14	256.5	14	250.4	241.3
	<b>Check Avg.</b>	249.9	26.1	9.6	52.1	26028.0	0.8	0.0									
	<b>Test Avg.</b>	246.8	24.1	10.3	51.6	26628.0	1.5	0.1									
	<b>LSD (0.05)</b>	NS	NS	NS	1.1	NS	5.4	0.8									
	<b>% C.V.</b>	8.7	7.0	6.9	1.3	4.7	164.9	127.7									
	<b>Check Avg. + LSD (0.05)</b>																

NS = not statistically significant at a 5% probability level

**Table 5. Dryland Corn Hybrid Performance Summary  
Emerson Farms (New Castle County) Middletown, Delaware**

Planted 5/11/2023 & Harvested September 30, Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Middletown Dryland	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Irrigated Yield Avg. Bu/A	Rank		Pooled Yield Ave. Bu/A
NK	1748-3110	255.5	25.3	10.1	51.2	26535.0	17.1	3.3	114.1	1	5	12	4	266.1	7	263.5	
NK	1523-V-EZ1	246.3	25.0	9.8	49.5	27115.0	1.6	0.0	110.0	2	12	14	13	250.1	14	249.2	
Growmark	FS 6595V RIB	237.5	23.8	10.0	51.9	27550.0	0.5	0.0	106.1	3	6	6	7	267.8	5	260.2	248.6
Revere	RV1627 TC	234.2	25.8	9.1	51.8	26680.0	3.3	6.4	104.6	4	1	4	1	281.2	1	269.5	
Dyna-Gro	D56TC44RIB	234.2	24.0	9.8	52.5	27115.0	3.7	1.1	104.6	5	10	11	11	256.6	13	251.0	
Revere	RV1577 VT2P	233.4	22.9	10.2	53.1	27115.0	0.5	0.0	104.2	6	13	5	8	263.5	8	255.9	
DeKalb	DKC70-27RIB (Check)	224.5	23.8	9.4	52.1	26825.0	1.1	0.0	100.3	7	4	3	2	274.1	2	261.7	
Seed Consultants	SC1154AM	224.1	22.2	10.1	53.0	27260.0	10.1	0.0	100.1	8	7	2	5	272.1	3	260.1	
Dyna-Gro	D58VC65 (Check)	223.3	22.8	9.8	52.9	27405.0	0.0	0.5	99.7	9	8	13	9	260.5	9	251.2	
Mid-Atlantic Seeds	MA5155VIP3110	222.6	25.8	8.6	53.7	27405.0	17.7	2.7	99.4	10	9	10	10	259.2	11	250.1	239
Growmark	FS 6424V RIB	221.4	22.9	9.7	52.3	27115.0	1.1	0.0	98.9	11	3	9	6	267.9	4	256.3	
Seed Consultants	SC1183AM	219.5	24.3	9.1	51.7	25375.0	2.3	0.5	98.0	12	11	7	3	266.4	6	254.7	247.9
Mid-Atlantic Seeds	MA6153PWE	216.8	22.7	9.6	52.8	26535.0	10.4	0.0	96.8	13	2	8	14	257.6	12	247.4	
Growmark	FS 6306T RIB	215.8	22.2	9.7	52.8	26680.0	0.0	0.0	96.4	14	14	1	12	259.5	10	248.6	

<b>Check Avg.</b>	223.9	23.3	9.6	52.5	27115.0	0.5	0.3
<b>Test Avg.</b>	229.2	23.8	9.6	52.2	26908.0	5.0	1.0
<b>LSD (0.05)</b>	NS	NS	NS	1.5	NS	NS	NS
<b>% C.V.</b>	11.6	7.6	9.7	1.8	3.6	151.0	146.2
<b>Check Avg. + LSD (0.05)</b>							

NS = not statistically significant at a 5% probability level



**Table 6. Irrigated Corn Hybrid Performance Summary  
Thomas Family Farms (Kent County) Marydel, Delaware**

Planted 5/10/2023 & Harvested October 4, Early Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Marydel Irrigated	Georgetown Irrigated	Laurel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	
Mid-Atlantic Seeds	MA6094PWE	<b>295.3</b>	19.3	15.3	54.6	33350.0	1.3	0.0	107.8	1	2	1	10	277.2	1	256.4
Seed Consultants	SC1084AM	<b>289.4</b>	19.5	14.9	53.9	32190.0	0.0	0.0	105.7	2	1	7	9	270.0	2	251.4
AgVenture	AV2208AM	<b>288.8</b>	19.1	15.1	53.7	32480.0	0.0	0.0	105.5	3	10	2	1	265.3	3	251.6
Seed Consultants	SC1093AM	<b>285.9</b>	18.8	15.3	53.7	33930.0	0.9	0.0	104.4	4	8	8	2	263.3	5	249.5
Dyna-Gro	D50VC09RIB	<b>279.3</b>	18.8	14.8	54.6	31900.0	0.9	0.0	102.0	5	5	14	5	258.5	9	243.9
DeKalb	DKC111-35RIB (Check)	277.2	19.1	14.6	57.1	33785.0	6.4	0.0	101.2	6	9	5	4	261.0	6	246.2
NK	1188-AA	274.5	19.1	14.4	54.9	33930.0	1.3	0.0	100.2	7	6	3	13	264.8	4	245.7
Growmark	FS 6017V RIB	274.1	18.8	14.6	54.1	32045.0	0.0	0.0	100.1	8	4	10	6	260.1	8	245.0
DeKalb	DKC62-70RIB (Check)	270.5	18.7	14.5	57.5	32915.0	8.9	0.0	98.8	9	7	11	3	257.4	10	244.5
NK	1040-AA-EZ1	265.2	18.8	14.1	54.9	32480.0	0.9	0.0	96.8	10	12	12	7	246.5	13	233.9
Dyna-Gro	D45TC55RIB	262.7	17.8	14.8	55.1	34220.0	0.0	0.0	96.0	11	13	9	11	247.9	12	234.4
Mid-Atlantic Seeds	MA8108VT2PRIB	261.7	17.7	14.8	58.6	32915.0	5.3	0.0	95.6	12	11	6	8	252.7	11	238.5
Revere	RV0918 VT2P	261.0	18.7	14.0	55.1	32770.0	8.0	0.0	95.3	13	3	4	14	260.8	7	238.9
Seed Consultants	SC1054AM	254.2	18.0	14.2	56.4	30885.0	1.0	0.0	92.8	14	14	13	12	239.9	14	228.1
	<b>Check Avg.</b>	273.8	18.9	14.5	57.3	33350.0	7.6	0.0								
	<b>Test Avg.</b>	274.2	18.7	14.6	55.3	32843.0	2.5	0.0								
	<b>LSD (0.05)</b>	17.2	0.6	NS	0.9	1717.0	5.0	NS								
	<b>% C.V.</b>	3.8	2.0	4.5	1.0	3.3	109.1									
	<b>Check Avg. + LSD (0.05)</b>	291.0														

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
NS = not statistically significant at a 5% probability level

**Table 7. Irrigated Corn Hybrid Performance Summary  
Thomas Family Farms (Kent County) Maryland, Delaware**

Planted 5/10/2023 & Harvested October 4, Early-Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Marydel Irrigated	Georgetown Irrigated	Laurel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank		Pooled Yield Ave. Bu/A
DeKalb	DKC64-22RIB (Check)	<b>296.6</b>	19.7	15.1	56.1	31900.0	1.4	0.0	103.5	1	14	8	2	264.6	7	263.0	
Seed Consultants	SC1112AM	<b>294.4</b>	19.8	14.9	54.2	33930.0	1.7	0.5	102.8	2	2	9	13	270.9	2	261.4	254
AgVenture	AV7913AM	<b>293.1</b>	19.5	15.1	55.5	33930.0	0.4	0.0	102.3	3	3	2	3	273.1	1	269.3	249
Growmark	FS 6121X RIB	<b>291.4</b>	19.6	14.9	54.5	32625.0	1.3	0.0	101.7	4	7	4	9	268.3	3	261.8	
Mid-Atlantic Seeds	MA8145VT2PRIB	<b>289.6</b>	19.9	14.6	55.3	33060.0	0.9	0.5	101.1	5	8	14	11	258.9	12	254.1	245.9
Seed Consultants	SC1134AM	<b>288.2</b>	20.5	14.1	53.4	33060.0	0.0	0.0	100.6	6	1	11	4	267.4	4	264.2	
AgVenture	AV2411AM	<b>285.5</b>	19.5	14.7	55.3	31320.0	0.0	0.5	99.6	7	6	7	6	265.4	6	261.7	
Mid-Atlantic Seeds	MA6148PWE	<b>284.9</b>	19.9	14.3	53.6	33060.0	0.0	0.0	99.4	8	12	5	5	262.2	8	260.1	
AgVenture	AV3213AM	<b>283.7</b>	20.8	13.7	53.0	32335.0	0.5	0.0	99.0	9	4	13	1	261.8	9	262.0	
Revere	RV1307 TC	<b>281.2</b>	18.7	15.0	55.4	32770.0	0.5	0.0	98.2	10	5	3	8	265.9	5	260.8	247.7
Mid-Atlantic Seeds	MA8110TRECIB	277.4	19.2	14.5	56.0	30740.0	1.9	0.0	96.8	11	9	6	12	261.4	10	255.5	244.6
DeKalb	DKC64-65RIB (Check)	276.3	19.4	14.2	55.0	30595.0	2.7	0.0	96.4	12	10	12	10	257.1	13	253.2	
NK	1188-AA	273.5	19.2	14.3	55.2	34220.0	0.5	0.0	95.5	13	13	1	7	261.0	11	257.3	
Dyna-Gro	D53TC23RIB	270.6	18.7	14.5	56.1	30015.0	0.5	0.0	94.5	14	11	10	14	256.5	14	250.4	241.3
	<b>Check Avg.</b>	286.5	19.6	14.6	55.5	31248.0	2.0	0.0									
	<b>Test Avg.</b>	284.7	19.6	14.5	54.9	32397.0	0.9	0.1									
	<b>LSD (0.05)</b>	16.0	0.7	NS	1.0	2121.7	NS	NS									
	<b>% C.V.</b>	3.5	2.4	4.1	1.1	3.9	153.3	200.0									
	<b>Check Avg. + LSD (0.05)</b>	302.5															

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
NS = not statistically significant at a 5% probability level

**Table 8. Irrigated Corn Hybrid Performance Summary  
Thomas Family Farms (Kent County) Marydel, Delaware**

Planted 5/10/2023 & Harvested October 4, Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Marydel Irrigated	Georgetown Irrigated	Laurel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank		Pooled Yield Ave. Bu/A
Revere	RV1627 TC	<b>301.0</b>	19.8	15.2	55.3	33640.0	7.5	1.3	108.4	1	4	1	4	281.2	1	269.5	
DeKalb	DKC70-27RIB (Check)	<b>284.1</b>	20.3	14.0	55.6	31175.0	1.6	0.0	102.3	2	3	4	7	274.1	2	261.7	
Seed Consultants	SC1183AM	<b>283.7</b>	20.3	14.0	53.7	32770.0	0.9	0.4	102.2	3	7	11	12	266.4	6	254.7	247.9
NK	1748-3110	<b>282.1</b>	20.9	13.5	52.7	31755.0	1.5	1.4	101.6	4	12	5	1	266.1	7	263.5	
Seed Consultants	SC1154AM	<b>279.2</b>	20.1	13.9	55.4	33640.0	5.1	0.0	100.6	5	2	7	8	272.1	3	260.1	
Growmark	FS 6424V RIB	<b>278.7</b>	19.9	14.1	55.4	32625.0	3.6	0.0	100.4	6	9	3	11	267.9	4	256.3	
Growmark	FS 6595V RIB	<b>277.5</b>	20.3	13.7	54.8	33495.0	1.3	0.0	100.0	7	6	6	3	267.8	5	260.2	248.6
Revere	RV1577 VT2P	<b>273.6</b>	19.2	14.3	56.2	31900.0	0.9	0.0	98.5	8	5	13	6	263.5	8	255.9	
Dyna-Gro	D58VC65 (Check)	<b>271.1</b>	18.7	14.5	57.3	33640.0	1.3	0.0	97.6	9	13	8	9	260.5	9	251.2	
Mid-Atlantic Seeds	MA5155VIP3110	261.0	21.6	12.1	55.2	33350.0	3.7	1.3	94.0	10	10	9	10	259.2	11	250.1	239
Dyna-Gro	D56TC44RIB	258.8	19.0	13.6	56.5	31030.0	4.7	0.0	93.2	11	11	10	5	256.6	13	251.0	
Growmark	FS 6306T RIB	252.8	17.9	14.2	56.8	32915.0	1.8	0.0	91.0	12	1	14	14	259.5	10	248.6	
NK	1523-V-EZ1	251.8	20.9	12.0	51.5	31755.0	3.1	0.0	90.7	13	14	12	2	250.1	14	249.2	
Mid-Atlantic Seeds	MA6153PWE	246.1	19.6	12.6	56.5	34220.0	9.8	0.0	88.6	14	8	2	13	257.6	12	247.4	

<b>Check Avg.</b>	277.6	19.5	14.2	56.5	32408.0	1.5	0.0
<b>Test Avg.</b>	271.5	19.9	13.7	55.2	32708.0	3.3	0.3
<b>LSD (0.05)</b>	17.7	1.1	0.9	1.3	NS	NS	NS
<b>% C.V.</b>	4.1	3.5	4.4	1.5	3.9	124.2	166.7
<b>Check Avg. + LSD (0.05)</b>	295.3						

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
NS = not statistically significant at a 5% probability level

**Table 9. Irrigated Corn Hybrid Performance Summary**  
**Plum Creek Farms, LLC (Sussex County) Laurel, Delaware**

Planted 5/3/2023 & Harvested September 22, Early Hybrids										Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	Pooled Yield Ave. Bu/A	Two Year Yield Ave. Bu/A
Mid-Atlantic Seeds	<b>MA6094PWE</b>	<b>272.2</b>	17.4	15.7	56.3	32915.0	0.0	0.0	108.3	1	2	1	10	277.2	1	256.4	
AgVenture	<b>AV2208AM</b>	<b>265.2</b>	17.1	15.5	56.3	32770.0	3.5	0.0	105.5	2	10	3	1	265.3	3	251.6	
NK	<b>1188-AA</b>	<b>262.1</b>	17.9	14.7	55.6	33785.0	2.6	0.0	104.3	3	6	7	13	264.8	4	245.7	
Revere	RV0918 VT2P	258.2	16.7	15.5	55.4	32480.0	0.5	0.0	102.8	4	3	13	14	260.8	7	238.9	231.6
DeKalb	DKC1111-35RIB (Check)	257.9	18.0	14.4	57.6	33785.0	1.3	0.0	102.6	5	9	6	4	261.0	6	246.2	
Mid-Atlantic Seeds	MA8108VT2PRIB	257.5	16.6	15.5	59.2	32625.0	0.5	0.0	102.5	6	11	12	8	252.7	11	238.5	232.9
Seed Consultants	SC1084AM	256.2	17.5	14.7	55.6	30740.0	1.6	0.0	102.0	7	1	2	9	270.0	2	251.4	
Seed Consultants	SC1093AM	255.6	17.1	15.0	56.0	33930.0	0.9	0.0	101.7	8	8	4	2	263.3	5	249.5	242.6
Dyna-Gro	D45TC55RIB	253.4	16.5	15.4	55.4	31610.0	0.0	0.0	100.8	9	13	11	11	247.9	12	234.4	
Growmark	FS 6017V RIB	244.9	17.0	14.4	54.9	30595.0	0.5	0.0	97.5	10	4	8	6	260.1	8	245.0	238.9
DeKalb	DKC62-70RIB (Check)	244.7	16.8	14.6	58.2	32625.0	6.6	0.0	97.4	11	7	9	3	257.4	10	244.5	
NK	1040-AA-EZ1	244.2	17.1	14.3	55.1	31755.0	0.9	0.0	97.2	12	12	10	7	246.5	13	233.9	
Seed Consultants	SC1054AM	241.5	16.9	14.3	55.8	28710.0	0.0	0.0	96.1	13	14	14	12	239.9	14	228.1	
Dyna-Gro	D50VC09RIB	236.3	18.1	13.1	53.6	25375.0	0.0	0.0	94.0	14	5	5	5	258.5	9	243.9	240.2
	<b>Check Avg.</b>	251.3	17.4	14.5	57.9	33205.0	3.9	0.0									
	<b>Test Avg.</b>	253.6	17.2	14.8	56.1	31693.0	1.3	0.0									
	<b>LSD (0.05)</b>	11.8	0.6	0.8	1.3	3978.0	NS										
	<b>% C.V.</b>	3.1	2.3	3.5	1.5	7.0	163.2										
	<b>Check Avg. + LSD (0.05)</b>	263.1															

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
 NS = not statistically significant at a 5% probability level

**Table 10. Irrigated Corn Hybrid Performance Summary**  
**Plum Creek Farms, LLC (Sussex County) Laurel, Delaware**

Planted 5/3/2023 & Harvested September 22, Early-Medium Hybrids										Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	Pooled Yield Ave. Bu/A	Two Year Yield Ave. Bu/A
NK	1188-AA	<b>267.7</b>	18.6	14.4	55.1	33785.0	0.4	0.0	105.8	1	13	13	7	261.0	11	257.3	
AgVenture	AV7913AM	<b>264.4</b>	18.6	14.2	56.0	32770.0	1.8	0.0	104.5	2	3	3	3	273.1	1	269.3	249.1
Revere	RV1307 TC	<b>262.5</b>	18.0	14.6	55.7	32045.0	0.5	0.0	103.8	3	5	10	8	265.9	5	260.8	247.7
Growmark	FS 6121X RIB	<b>261.5</b>	17.6	14.9	55.6	32770.0	0.9	0.0	103.4	4	7	4	9	268.3	3	261.8	
Mid-Atlantic Seeds	MA6148PWE	<b>258.9</b>	19.0	13.6	54.7	32915.0	0.0	0.0	102.3	5	12	8	5	262.2	8	260.1	
Mid-Atlantic Seeds	MA8110TRECIB	<b>257.0</b>	17.6	14.6	56.5	31755.0	0.0	0.0	101.6	6	9	11	12	261.4	10	255.5	244.6
AgVenture	AV2411AM	<b>257.0</b>	17.6	14.6	56.5	32190.0	0.5	0.0	101.6	7	6	7	6	265.4	6	261.7	
DeKalb	DKC64-22RIB (Check)	<b>256.4</b>	18.6	13.8	56.7	30595.0	2.8	0.0	101.4	8	14	1	2	264.6	7	263.0	
Seed Consultants	SC1112AM	<b>255.5</b>	18.0	14.2	55.4	32915.0	2.9	0.0	101.0	9	2	2	13	270.9	2	261.4	254.4
Dyna-Gro	DS3TC23RIB	<b>254.2</b>	17.6	14.5	55.5	31755.0	1.7	0.0	100.5	10	11	14	14	256.5	14	250.4	241.3
Seed Consultants	SC1134AM	249.7	18.6	13.4	54.5	31465.0	0.5	0.0	98.7	11	1	6	4	267.4	4	264.2	
DeKalb	DKC64-65RIB (Check)	249.6	18.7	13.4	54.8	31465.0	0.9	0.0	98.6	12	10	12	10	257.1	13	253.2	
AgVenture	AV3213AM	245.2	17.9	13.7	54.6	31320.0	4.5	0.0	96.9	13	4	9	1	261.8	9	262.0	
Mid-Atlantic Seeds	MA8145VT2PRIB	236.0	18.5	12.8	55.8	32045.0	6.6	0.0	93.3	14	8	5	11	258.9	12	254.1	245.9
	<b>Check Avg.</b>	253.0	18.6	13.6	55.7	31030.0	1.8	0.0									
	<b>Test Avg.</b>	255.4	18.2	14.1	55.5	32128.0	1.7	0.0									
	<b>LSD (0.05)</b>	15.7	0.8	1.0	NS	NS	NS	NS									
	<b>% C.V.</b>	4.0	2.6	4.5	1.7	4.6	158.0										
	<b>Check Avg. + LSD (0.05)</b>	268.7															

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
 NS = not statistically significant at a 5% probability level

**Table 11. Irrigated Corn Hybrid Performance Summary**  
**Plum Creek Farms, LLC (Sussex County) Laurel, Delaware**

Planted 5/3/2023 & Harvested September 22, Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Laurel Irrigated	Georgetown Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	
Revere	1627 TC	278.5	20.5	13.6	54.5	30160.0	0.0	0.0	103.7	1	4	1	4	281.2	1	269.5
Mid-Atlantic Seeds	MA6153PWE	271.6	20.3	13.3	54.9	33640.0	0.0	0.0	101.1	2	8	14	13	257.6	12	247.4
GROWMARK INC	FS 6424V RIB	271.4	19.9	13.7	54.7	31610.0	0.0	0.0	101.1	3	9	6	11	267.9	4	256.3
DeKalb	DKC70-27RIB (Check)	270.3	19.8	13.7	52.3	31175.0	0.0	0.0	100.6	4	3	2	7	274.1	2	261.7
NK	1748-3110	268.2	21.1	12.7	52.6	30595.0	0.0	0.0	99.8	5	12	4	1	266.1	7	263.5
GROWMARK INC	FS 6595V RIB	267.5	20.9	12.8	53.8	32190.0	0.5	0.0	99.6	6	6	7	3	267.8	5	260.2
Seed Consultants	SC1154AM	267.0	20.2	13.3	54.8	33495.0	0.0	0.0	99.4	7	2	5	8	272.1	3	260.1
Dyna-Gro	D58VC65 (Check)	267.0	19.4	13.8	56.6	33205.0	0.9	0.0	99.4	8	13	9	9	260.5	9	251.2
Mid-Atlantic Seeds	MA5155VIP3110	264.3	20.3	13.0	54.6	33785.0	0.5	0.0	98.4	9	10	10	10	259.2	11	250.1
Dyna-Gro	D56TC44RIB	260.4	19.1	13.7	54.8	32625.0	0.0	0.0	96.9	10	11	11	5	256.6	13	251.0
Seed Consultants	SC1183AM	260.0	19.7	13.2	54.0	30885.0	0.0	0.0	96.8	11	7	3	12	266.4	6	254.7
NK	1523-V-EZ1	259.3	20.2	12.9	53.5	32915.0	0.4	0.0	96.5	12	14	13	2	250.1	14	249.2
Revere	1577 VT2P	257.1	18.9	13.6	56.4	31320.0	0.0	0.0	95.7	13	5	8	6	263.5	8	255.9
GROWMARK INC	FS 6306T RIB	255.2	18.5	13.8	55.8	31175.0	0.0	0.0	95.0	14	1	12	14	259.5	10	248.6

<b>Check Avg.</b>	268.6	19.6	13.7	54.4	32190.0	0.4	0.0
<b>Test Avg.</b>	265.5	19.9	13.4	54.5	32055.0	0.2	0.0
<b>LSD (0.05)</b>	NS	1.1	NS	1.6	2302.0	NS	NS
<b>% C.V.</b>	3.7	3.5	3.7	1.9	4.3	178.9	
<b>Check Avg. + LSD (0.05)</b>							

NS = not statistically significant at a 5% probability level

**Table 12. Irrigated Corn Hybrid Performance Summary**  
**Carvel Rresearch & Education Center (Sussex County) Georgetown, Delaware**

Planted 5/8/2023 & Harvested October 3, Early Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A
Brand	Hybrid	Yield Bu/A	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Georgetown Irrigated	Laurel Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	
Seed Consultants	SC1084AM	<b>264.4</b>	20.0	13.2	53.6	33495.0	0.0	0.0	104.7	1	7	2	9	270.0	2	251.4
Mid-Atlantic Seeds	MA6094PWE	<b>264.0</b>	20.3	13.1	53.9	34655.0	2.9	0.0	104.6	2	1	1	10	277.2	1	256.4
Revere	RV0918 VT2P	<b>263.2</b>	20.4	13.0	52.9	32625.0	3.1	0.0	104.2	3	4	13	14	260.8	7	238.9
Growmark	FS 6017V RIB	<b>261.3</b>	20.4	12.9	52.4	32045.0	0.5	6.5	103.5	4	10	8	6	260.1	8	245.0
Dyna-Gro	D50VC09RIB	<b>259.8</b>	21.0	12.4	52.3	32625.0	0.5	2.2	102.9	5	14	5	5	258.5	9	243.9
NK	1188-AA	<b>257.9</b>	21.2	12.2	54.2	34945.0	5.4	3.6	102.1	6	3	7	13	264.8	4	245.7
DeKalb	DKC62-70RIB (Check)	<b>257.1</b>	21.1	12.2	52.8	33205.0	7.5	0.9	101.8	7	11	9	3	257.4	10	244.5
Seed Consultants	SC1093AM	<b>248.5</b>	20.7	12.0	51.5	33930.0	0.9	0.0	98.4	8	8	4	2	263.3	5	249.5
DeKalb	DKC111-35RIB (Check)	<b>247.8</b>	21.2	11.8	54.0	33640.0	10.1	3.5	98.1	9	5	6	4	261.0	6	246.2
AgVenture	AV2208AM	241.9	21.0	11.5	53.2	31465.0	1.9	0.0	95.8	10	2	3	1	265.3	3	251.6
Mid-Atlantic Seeds	MA8108VT2PRIB	239.0	20.4	11.7	55.8	32190.0	0.0	0.0	94.7	11	6	12	8	252.7	11	238.5
NK	1040-AA-EZ1	230.2	20.1	11.5	53.3	32335.0	5.9	0.5	91.2	12	12	10	7	246.5	13	233.9
Dyna-Gro	D45TC55RIB	227.4	19.9	11.4	53.0	33930.0	1.7	0.0	90.1	13	9	11	11	247.9	12	234.4
Seed Consultants	SC1054AM	223.9	19.7	11.4	54.4	30885.0	4.3	2.0	88.7	14	13	14	12	239.9	14	228.1
	<b>Check Avg.</b>	252.5	21.1	12.0	53.4	33423.0	8.8	2.2								
	<b>Test Avg.</b>	249.0	20.5	12.2	53.4	32998.0	3.2	1.4								
	<b>LSD (0.05)</b>	19.0	NS	1.3	1.3	1306.0	6.2	NS								
	<b>% C.V.</b>	4.8	3.5	6.3	1.5	2.6	117.1	155.9								
	<b>Check Avg. + LSD (0.05)</b>	271.5														

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
 NS = not statistically significant at a 5% probability level

**Table 13. Irrigated Corn Hybrid Performance Summary**  
**Carvel Research & Education Center (Sussex County) Georgetown, Delaware**

Planted 5/8/2023 & Harvested October 3, Early-Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A	
Brand	Hybrid	Yield Bu/A <sup>1</sup>	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Georgetown Irrigated	Laurel Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank		Pooled Yield Ave. Bu/A
Seed Consultants	SC1134AM	<b>264.1</b>	20.4	13.0	53.4	32915.0	0.9	0.0	108.7	1	11	6	4	267.4	4	264.2	
Seed Consultants	SC1112AM	<b>262.7</b>	20.9	12.6	53.7	33640.0	0.4	1.3	108.1	2	9	2	13	270.9	2	261.4	254.4
AgVenture	AV7913AM	<b>261.9</b>	20.2	13.1	55.1	33350.0	4.4	0.0	107.8	3	2	3	3	273.1	1	269.3	249.1
AgVenture	AV3213AM	<b>256.6</b>	21.1	12.2	53.1	33205.0	2.2	0.0	105.6	4	13	9	1	261.8	9	262.0	
Revere	RV1307 TC	<b>253.9</b>	19.4	13.2	54.8	32335.0	0.5	0.5	104.5	5	3	10	8	265.9	5	260.8	247.7
AgVenture	AV2411AM	<b>253.9</b>	20.3	12.5	53.6	33640.0	0.4	0.0	104.5	6	7	7	6	265.4	6	261.7	
Growmark	FS 6121X RIB	<b>252.0</b>	20.8	12.2	52.8	32915.0	1.8	0.0	103.7	7	4	4	9	268.3	3	261.8	
Mid-Atlantic Seeds	MA8145VT2PRIB	<b>251.2</b>	21.1	12.0	53.5	32915.0	3.2	0.0	103.4	8	14	5	11	258.9	12	254.1	245.9
Mid-Atlantic Seeds	MA8110TRECRIB	<b>249.9</b>	19.4	12.9	54.9	31900.0	0.5	0.0	102.8	9	6	11	12	261.4	10	255.5	244.6
DeKalb	DKC64-65RIB (Check)	245.4	20.8	11.8	53.3	33205.0	3.5	0.0	101.0	10	12	12	10	257.1	13	253.2	
Dyna-Gro	D53TC23RIB	244.8	20.8	11.8	53.8	31320.0	1.4	0.0	100.8	11	10	14	14	256.5	14	250.4	241.3
Mid-Atlantic Seeds	MA6148PWE	242.8	20.9	11.7	54.2	33205.0	0.8	0.0	99.9	12	5	8	5	262.2	8	260.1	
NK	1188-AA	241.7	19.1	12.7	54.6	33350.0	0.9	0.0	99.5	13	1	13	7	261.0	11	257.3	
DeKalb	DKC64-22RIB (Check)	240.6	21.3	11.3	53.7	32770.0	14.6	0.5	99.0	14	8	1	2	264.6	7	263.0	
	<b>Check Avg.</b>	243.0	21.1	11.6	53.5	32988.0	9.1	0.2									
	<b>Test Avg.</b>	251.5	20.5	12.3	53.9	32905.0	2.5	0.2									
	<b>LSD (0.05)</b>	15.7	1.1	1.1	1.3	NS	6.2	NS									
	<b>% C.V.</b>	4.2	3.6	5.9	1.6	3.0	163.3	176.5									
	<b>Check Avg. + LSD (0.05)</b>	258.7															

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
 NS = not statistically significant at a 5% probability level



**Table 14. Irrigated Corn Hybrid Performance Summary**  
**Carvel Research & Education Center (Sussex County) Georgetown, Delaware**

Planted 5/8/2023 & Harvested October 3, Medium Hybrids										Performance Ranking for				Pooled sites		Two Year Yield Ave. Bu/A
Brand	Hybrid	Yield Bu/A	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk Lodging	% Root Lodging	% Relative Yield to Check Avg.	Georgetown Irrigated	Laurel Irrigated	Marydel Irrigated	Middletown Dryland	Irrigated Yield Avg. Bu/A	Rank	
Growmark	FS 6306T RIB	270.7	21.8	12.4	52.7	32625.0	0.0	1.4	105.9	1	14	12	14	259.5	10	248.6
Seed Consultants	SC1154AM	270.0	22.3	12.1	52.2	32480.0	1.4	0.0	105.6	2	7	5	8	272.1	3	260.1
DeKalb	DKC70-27RIB (Check)	267.9	23.2	11.6	51.4	33495.0	0.0	0.0	104.8	3	4	2	7	274.1	2	261.7
Revere	RV1627 TC	264.1	22.0	12.0	52.6	34655.0	2.5	4.6	103.3	4	1	1	4	281.2	1	269.5
Revere	RV1577 VT2P	259.8	21.2	12.3	53.1	32045.0	0.5	0.0	101.6	5	13	8	6	263.5	8	255.9
Growmark	FS 6595V RIB	258.3	22.4	11.6	50.9	32625.0	0.4	0.4	101.1	6	6	7	3	267.8	5	260.2
Seed Consultants	SC1183AM	255.6	22.5	11.4	51.8	32480.0	0.0	0.0	100.0	7	11	3	12	266.4	6	254.7
Mid-Atlantic Seeds	MA6153PWE	255.1	21.7	11.7	53.8	33640.0	5.7	0.9	99.8	8	2	14	13	257.6	12	247.4
Growmark	FS 6424V RIB	253.6	21.8	11.6	52.0	32915.0	2.7	3.5	99.2	9	3	6	11	267.9	4	256.3
Mid-Atlantic Seeds	MA5155VIP3110	252.4	23.5	10.7	52.3	34220.0	0.0	6.7	98.7	10	9	10	10	259.2	11	250.1
Dyna-Gro	D56TC44RIB	250.7	21.8	11.5	53.2	33060.0	2.2	2.2	98.1	11	10	11	5	256.6	13	251.0
NK	1748-3110	248.2	22.3	11.2	51.3	32770.0	0.9	0.0	97.1	12	5	4	1	266.1	7	263.5
Dyna-Gro	D58VC65 (Check)	243.4	21.9	11.1	53.9	32770.0	0.5	0.0	95.2	13	8	9	9	260.5	9	251.2
NK	1523-V-EZ1	239.2	23.2	10.4	50.9	32625.0	2.3	0.0	93.6	14	12	13	2	250.1	14	249.2

Check Avg.	255.6	22.6	11.3	52.7	33133.0	0.2	0.0
Test Avg.	256.3	22.2	11.5	52.3	33029.0	1.4	1.4
LSD (0.05)	18.8	0.8	1.0	0.9	1259.0	NS	4.2
% C.V.	4.7	2.3	5.5	1.2	2.5	147.9	165.2
Check Avg. + LSD (0.05)	274.4						

<sup>1</sup>The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid  
 NS = not statistically significant at a 5% probability level