

COOPERATIVE BULLETIN

DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

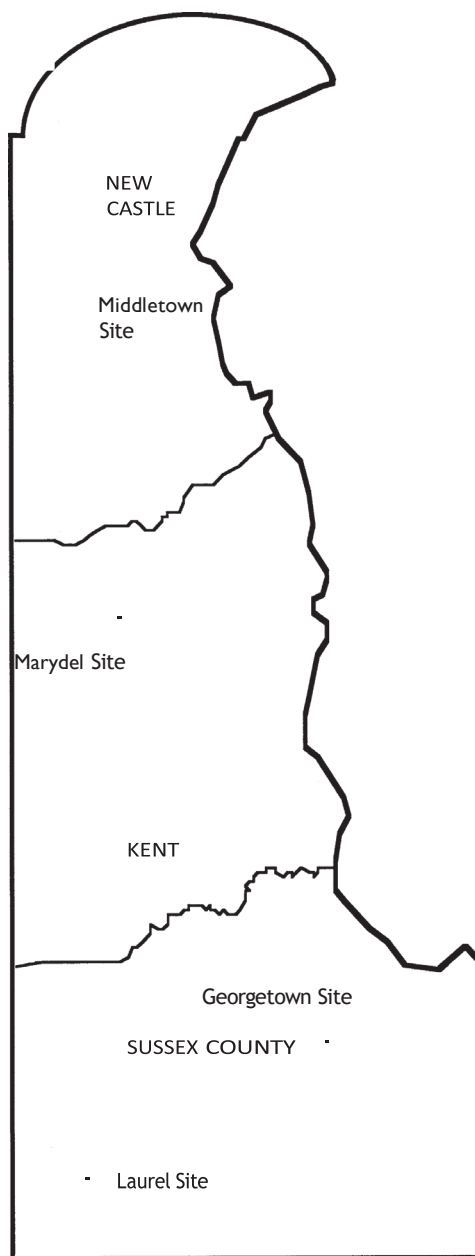
2024



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

Cooperative Extension
Newark, DE 19716-2170

Test plot locations:



October 2024

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DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

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DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS – 2024

The 2024 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. Forty-nine hybrids were evaluated at four locations: Emerson Farms at **Middletown**, DE **39.4802 & -75.7092** (dryland), Thomas Family Farms at **Marydel**, DE **39.0614 & -75.7132** (center pivot irrigation), Plum Creek Farms, LLC at **Laurel**, DE **38.5147 & -75.6927** (center pivot irrigation) and Carvel Research & Education Center at **Georgetown**, DE **38.6348 & -75.4549** (lateral move irrigation). Hybrids were divided into three relative maturity groups: early 101-110 (18 entries), early-medium 111-114 (20 entries) and medium 115-120 days (11 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). We are including two corn hybrids to act as '**Check**' which will represent the newest and best genetics coming out of commercial programs. 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 relative yield is the ratio of actual yield to the check average yield multiplied by 100%.

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 pool yield average performance of hybrids for irrigated and for all the testing 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.

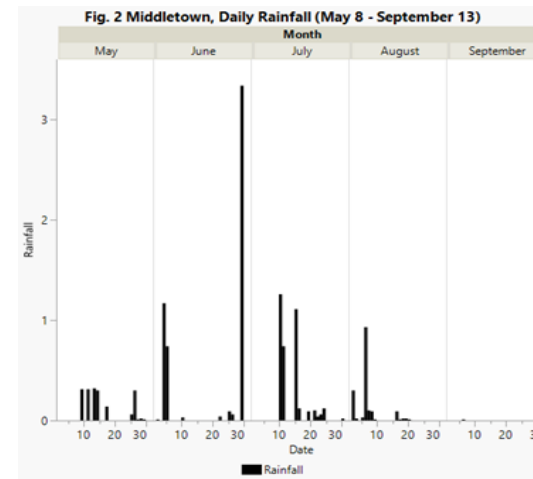
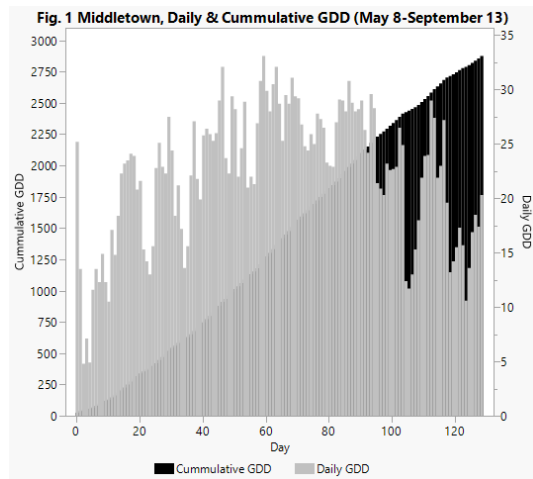
Summary of Results

The 2024 growing season was characterized by moderate temperature and adequate moisture conditions during planting. We had an extended dry period from June 7 to June 29 during the early growth stage particularly at the Middletown dryland location. The Middletown dryland location received a total of 0.22 inches of rain from June 7 to June 29 and 0 inches of rain from July 1 to July 10, which is at the time of early growth development and start of flowering period, respectively.

In 2024, the Delaware corn hybrid performance yield tests averaged 208, 220 and 223 bu/A compared to the 2023 yield which averaged 259, 264 and 265 bu/A across the three irrigated locations for the early, early-medium and medium maturity groups, respectively. In the dryland location, average yields in 2024 were 228, 199 and 226 bu/A for the early, early-medium and medium maturity groups, respectively. The corresponding average yields in 2023 were 197, 247 and 229 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 2024 was 17.5% lower than in 2023, and in the dryland location it was 2.7% lower than in 2023. The grain yield averaged across all locations and maturity groups was 11.1% lower than in 2023.

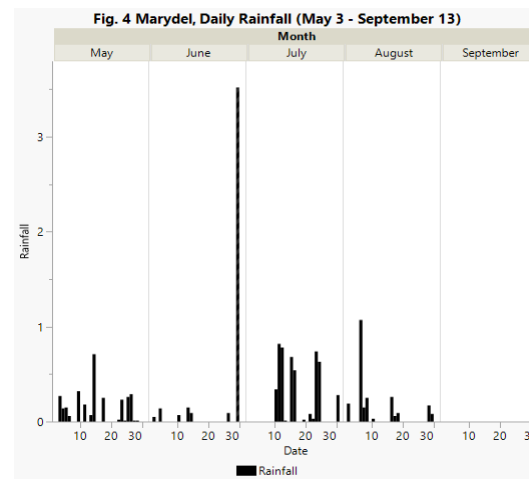
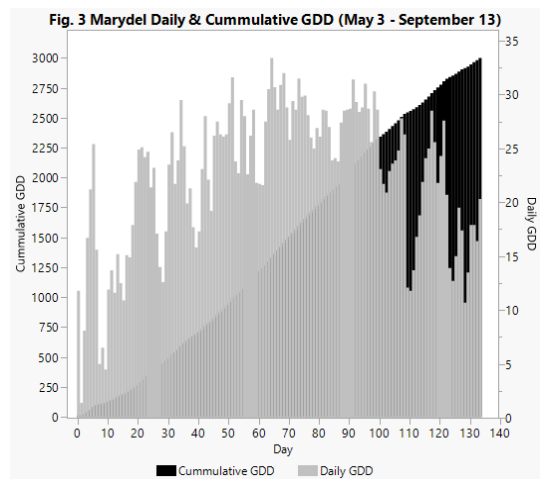
Middletown: The average soil temperature at Townsend, DE-REC the nearest station to Emerson Farms, New Castle County; dryland, in April was 54.5 °F and 64.9 in May. A 50 °F soil temperature is considered the minimum temperature for corn germination. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A Growing Degree Days (GDD) of 90 to 120 is required for corn germination. A 119.8 GDD was accumulated in the ten days after planting (May 8) and hence the germination was accelerated. The cumulative GDD for the hybrids with the relative maturity of 101-110, 111-114 & 115-120 was 2340-2507, 2531-2611 & 2633-2730, respectively (Figure 1). Middletown, the dryland location received a total of 1.78, 5.48, 3.66 and 1.63 inches of rainfall in May (as of May 8), June, July, and August, respectively. It received 0.55 inches of rainfall from May 16 to June-4. A total of 0.22 and 0.0 inches of rainfall was received between June 7-29 and July 1-10, respectively. This low rainfall in June

affected the early growth development and the 0 inches in early July might have affected the pollination period. This location only received 0.16 inches of rainfall from August 10-31 and may have negatively affected the ear development. The daily rainfall received from planting to harvest period shows days without or with some amount of rainfall (Figure 2).



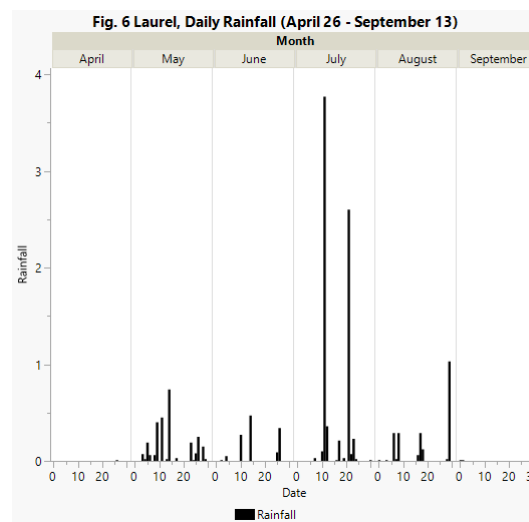
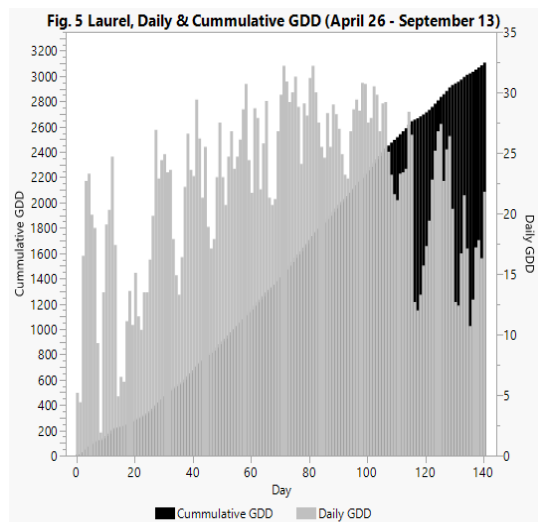
Yields at the Middletown dryland location averaged 228, 199 and 226 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 233, 222 and 232 bu/A, respectively (Tables 3, 4 and 5). There were significant differences among hybrids for yield, grain moisture, yield over moisture, test weight and plant population for the early, early-medium and medium maturity groups. Overall, there was a very minor stalk lodging and no root lodging across all maturity groups.

Marydel: The average soil temperature at Dover, DE-SFS the nearest station to Thomas Family Farms, Kent County irrigated location in April was 56.6 °F and 66.9°F in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 116.0 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 relative maturity of 101-110, 111-114 and 115-120 was 2342-2546, 2558-2607 and 2629-2754, respectively (Figure 3). Marydel received a total of 2.98, 4.11, 4.95 and 2.35 inches of rainfall in May, June, July and August, respectively (Figure 4).



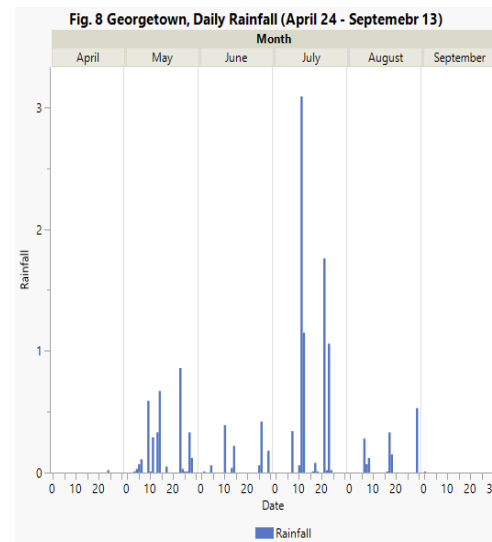
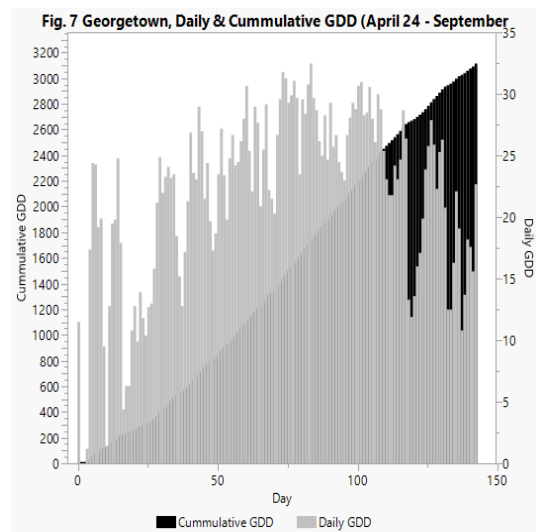
Yields at the Marydel location averaged 247, 247 and 253 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 249, 250 and 264 bu/A, respectively (Tables 6, 7 and 8). There were significant differences among hybrids for yield, grain moisture, yield over moisture, test weight and plant population for all the maturity groups. There was a significant difference in stalk lodging for the early maturity group. Overall, there was some stalk lodging and no 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 57.8 °F and 67.3 in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 135.5 GDD was accumulated in the ten days after planting (April 26) 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 2254-2496, 2517-2588 and 2616-2696, respectively (Figure 5). Laurel received a total of 2.74, 1.23, 7.44 and 2.14 inches of rainfall in May, June, July, and August, respectively (Figure 6).



The yield at the Laurel testing location was low for an irrigated site. This was because the field did not get enough irrigation water due to uncontrolled conditions. The high temperature and extended period of dry weather in June, July and August may have also contributed to the low yield. Yields at the Laurel location averaged 172, 187 and 183 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 174, 197 and 189 bu/A, respectively (Tables 9, 10, and 11). There were significant differences among hybrids in yield, grain moisture, yield over moisture, test weight and plant population for the early maturity group and in yield, grain moisture, yield over moisture and test weight for the early-medium maturity group. In the medium maturity group, there were significant difference in yield, grain moisture, and yield over moisture. In this testing location there was a very minor stalk lodging but no root lodging across all maturity groups.

Georgetown: The average soil temperature at Georgetown, Carvel Research & Education Center, Sussex County; irrigated location in April was 57.0 °F and 66.8 in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 127.3 GDD was accumulated in the first ten days after planting (April 24) 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 2194-2450, 2473-2541 and 2564-2669, respectively (Figure 7). Georgetown received a total of 3.52, 1.38, 7.6 and 1.49 inches of rainfall in May, June, July and August, respectively (Figure 8).



Yields at the Georgetown location averaged 206, 225 and 234 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 223, 236 and 237 bu/A, respectively (Tables 12, 13 and 14). There were significant differences among hybrids for yield, grain moisture, yield over moisture, test weight and plant population for the early and early-medium maturity groups. In the medium maturity group, there were significant differences in yield over moisture. In this testing location there was a very minor stalk lodging but no root lodging across all 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

	Emerson Farms – Middletown (Dryland) 39.4802 & -75.7092	Thomas Family Farms – Marydel (Irrigated) 39.0614 & -75.7132	Plum Creek Farms, LLC – Laurel (Irrigated) 38.5147 & -75.6927	Carvel REC - Georgetown (Irrigated) 38.6348 & -75.4549
Number of entries	49	49	49	49
Number of maturities	3	3	3	3
Population plants/A	28,000	33,000	33,000	33,000
Row length	17.5'	17.5'	17.5'	17.5'
Number of rows harvested	Center two rows	Center two rows	Center two rows	Center two rows
Number of replications	4	4	4	4
Planting date	May 8	May 3	April 26	April 24
Harvest date	September 26	September 30	September 13	September 13
Soil type	Matapeake silt loam	Sandy loam	Sandy loam	Rosedale loamy sand
Previous crop	Soybean	Soybean	Radish	Soybean
Cover crop	None	None	Rye	Rye
Tillage practices	Disk, chisel plow, field cultivator	Ripped, field cultivator	No till	Chisel plow, disked field cultivator
Cultivation	None	None	None	None
Fertilization	3 tons/A of chicken manure. 15 gallons/A of 20-10-0-1s (N-P ₂ O ₅ -K ₂ O-s) starter 2"x2" (32 lb N & 27 lb P). At V4 –V5 stage side-dressed with 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 ₂ O ₅ K ₂ O) starter 2"x2" (32 lb N & 27 lb P). At V4-V5 stage side-dressed with 70 gallons/A of 27-0-0-6s (203 lb N) and fertigated with 30 lbs of N ₂ /A (24-0-0-3-.12).	3 tons/A of chicken manure. 5 gallons/A of 20-10-0-1s (N-P ₂ O ₅ K ₂ O) starter 2"x2" (32 lb N & 27 lb P). At V4 –V5 stage side-dressed with 70 gallons/A of 27-0-0-6s (203 lb N) and 30 lbs/A of 32% nitrogen was fertigated.	2 tons /A of chicken manure & 375 lb/A of 0-0-47.34-8.86S-2.93Mg-0.85Mn-0.13B. 15 gallons/A of 20-10-0-1S (N-P ₂ O ₅ -K ₂ O) starter 2"x2" (32 lb N & 27 lb P). At V4 –V5 stage side-dressed with 70 gallons/A of 27-0-0-6 N-Sul 33 (203 lb N).
Herbicide	Lexar 3.5 qt/A, simazine 1 qt/A and 40 oz/A roundup Power-Max qt/A pre-emergence	Lexar 3.5 qt/A and simazine 1 qt/A pre-emergence.	Lexar 3 qt/A, simazine 1 qt/A and roundup 1 qt/A pre-emergence.	Lexar 3 qt/A and simazine 1 qt/A and 40 Oz/A Roundup Power Max pre-emergence.
Insecticide	Sniper LFR 5 oz/A at planting	Sniper LFR 5 oz/A at planting	Sniper LFR 5 oz/A at planting	Sniper LFR 5 oz/A at planting
Irrigation	None	Center pivot	Center pivot	Lateral move

Delaware corn hybrid variety performance trial entries:

Company/Brand	Hybrid	Trait	Seed treatment	RMD	Maturity Group
Seed Consultants	SC1084AM	AM	LumiGen	108	Early
Seed Consultants	SC1093AM	AM	LumiGen	109	Early
Seed Consultants	SC1105PCE	PCE	LumiGen	110	Early
NK	NK0880-V	Viptera	Cruiser Maxx 500+Vayantis	108	Early
Augusta	A2060	PCE	C250	110	Early
FS InVISION	FS 5835V RIB	Trecepta	PV 500	108	Early
Innvictis	A1072VT2P	VT2P	P250	110	Early
Revere	0518 VT2P	VT2P	Radius 500	105	Early
Revere	0918 VT2P	VT2P	Radius 500	109	Early
Dyna-Gro	D51VC95RIB	VT2P	PV500	111	Early
Dyna-Gro	D49PN05RA	PCE	Lumiscend Pro	109	Early
Mid-Atlantic Seeds	MA8110TRECRIB	TRECRIB	A250	110	Early
Mid-Atlantic Seeds	MA6094PCE	PCE	CVV250	109	Early
Mid-Atlantic Seeds	MA6065PWE	PWE	CVV250	106	Early
AgVenture	AV3904	PCE	Lumisure 1250	104	Early
AgVenture	AV3505	PCE	Lumisure 1250	105	Early
AgVenture	AV3310	PCE	Lumisure 1250	110	Early
AgVenture	AV5710	PCE	Lumisure 1250	110	Early
DeKalb	DKC111-35RIB (Check)	VTDoublePro		111	Early
DeKalb	DKC56-26RIB (Check)	Trecepta		106	Early
Seed Consultants	SC1112AM	AM	LumiGen	111	Early-Medium
Seed Consultants	SC1135PCE	PCE	LumiGen	113	Early-Medium
NK	NK1188-AA	Agrisure Above	Cruiser Maxx 500+Vayantis	111	Early-Medium
NK	NK1228-AA	Agrisure Above	Cruiser Maxx 500+Vayantis	112	Early-Medium

NK	NK1307-DV	Duracade Viptera	Cruiser Maxx 1250+Vayantis	113	Early-Medium
NK	NK1386-VZ	Viptera	Cruiser Maxx 500+Vayantis	113	Early-Medium
FS InVISION	FS 6107T RIB	TRE/ASR RIB	PV 500	111	Early-Medium
FS InVISION	FS 6445V RIB	VT2P RIB	PV 500	114	Early-Medium
Innvictis	A1312VT2PRIB	VT2PRIB	P250	113	Early-Medium
Innvictis	A1292VT2PRIB	VT2PRIB	P250	112	Early-Medium
Revere	113-T42	Trecepta	Radius 500	113	Early-Medium
Revere	1307 TC	Trecepta	Radius 500	113	Early-Medium
Mid-Atlantic Seeds	MA6148PCE	PCE	CVV250	114	Early-Medium
Mid-Atlantic Seeds	MA8126VT2PRIB	VT2PRIB	VT2PRIB	112	Early-Medium
Mid-Atlantic Seeds	MA6120PWE	PWE	PWE	112	Early-Medium
Mid-Atlantic Seeds	MA6131PWE	PWE	PWE	113	Early-Medium
Mid-Atlantic Seeds	MA8142VT2PRIB	VT2PRIB	VT2PRIB	114	Early-Medium
AgVenture	AV3111	PCE	Lumisure 1250	111	Early-Medium
AgVenture	AV4112	PCE	Lumisure 1250	112	Early-Medium
AgVenture	AV4713	PCE	Lumivia/Lumisure 500	113	Early-Medium
DeKalb	DKC113-83RIB (Check)	Trecepta		113	Early-Medium
DeKalb	DKC64-22RIB (Check)	VT DoublePro		114	Early-Medium
Seed Consultants	SC1183AM	AM	LumiGen	118	Medium
FS InVISION	FS 6549PC RA	PowerCore	PV 500	115	Medium
Innvictis	A1542T	Trecepta	P250	115	Medium
Revere	1627 TC	Trecepta	Radius 500	116	Medium
Revere	1839 TC	Trecepta	Radius 500	118	Medium
Dyna-Gro	D58VC74	VT2P	PV1250	118	Medium
Dyna-Gro	D56TC44RIB	Trecepta	PV500	116	Medium
Mid-Atlantic Seeds	MA8199TRECRIB	TRECRIB	A250	119	Medium
Mid-Atlantic Seeds	MA6153PCE	PCE	PCE	115	Medium

Mid-Atlantic Seeds	MA8154VT2PRIB	VT2PRIB	VT2PRIB	115	Medium
AgVenture	AV9318	PCE	Lumisure 1250	118	Medium
DeKalb	DKC66-06RIB (Check)	Trecepta		116	Medium
DeKalb	DKC68-35RIB (Check)	VT Double Pro		118	Medium

Seed traits:

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
PowerCore Enlist	A comprehensive trait package for above-ground pests and weed management

Seed company contact:

Company	Address	Phone	Web
AgVenture	7300 NW 62nd Ave Johnston, IA 50131	515-535-0800	www.agventure.com
Dyna-Gro Seed	319 Jf Edwards Dr, Geneseo, IL 61254	937-459-2529	www.dynagro.com
East Coast Seed	17741 Davis Rd Georgetown, DE 19947	302-856-7018	www.eastcoastseed.com
Mid-Atlantic Seeds	204 St. Charles Way #163E York, PA 17402	717-852-8894	www.midatlanticseeds.com
Revere	802 Rozelle St Memphis, TN 38104	570-980-3656	www.revereseed.com
Seed Consultants, Inc.	648 Miami trace Road SW, Washington Court House, OH 43160	570-980-3906	www.seedconsultants.com
Syngenta	897 Clarence Phillips Rd, Bennett, NC 27208	919-742-0710	www.syngenta-us.com
Growmark, Inc	1701 Towanda Ave. Bloomington, IL 61701	309-557-6245	www.growmarkfs.com
Innvictis	1099 W. Front Street, Boise, ID 83702	254-652-0032	www.innvictis.com
Augusta Seed	Po Box 899, Verona, VA 24482	540-886-6055	www.augustaseed.com

Table 2. Growing degree day (GDD) and rainfall at or nearest test locations for the 2024 Delaware corn hybrid performance test

Location	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	May	8	1	25.2	25.2	0.00		Townsend	June	1	25	15.6	397.9	0.00
Townsend	May	9	2	13.5	38.7	0.00		Townsend	June	2	26	22.8	420.7	0.00
Townsend	May	10	3	4.8	43.5	0.31		Townsend	June	3	27	25.1	445.8	0.01
Townsend	May	11	4	7.1	50.6	0.00		Townsend	June	4	28	22.9	468.7	0.00
Townsend	May	12	5	4.9	55.4	0.31		Townsend	June	5	29	22.3	490.9	1.17
Townsend	May	13	6	11.6	67.0	0.00		Townsend	June	6	30	27.5	518.4	0.74
Townsend	May	14	7	13.5	80.4	0.32		Townsend	June	7	31	24.4	542.8	0.00
Townsend	May	15	8	12.3	92.7	0.30		Townsend	June	8	32	18.4	561.2	0.00
Townsend	May	16	9	14.9	107.5	0.00		Townsend	June	9	33	21.2	582.3	0.00
Townsend	May	17	10	12.3	119.8	0.00		Townsend	June	10	34	17.2	599.5	0.00
Townsend	May	18	11	10.5	130.3	0.14		Townsend	June	11	35	13.6	613.1	0.03
Townsend	May	19	12	17.1	147.3	0.00		Townsend	June	12	36	15.6	628.7	0.00
Townsend	May	20	13	14.8	162.1	0.00		Townsend	June	13	37	22.1	650.8	0.00
Townsend	May	21	14	18.4	180.4	0.00		Townsend	June	14	38	27.1	677.9	0.00
Townsend	May	22	15	22.3	202.7	0.00		Townsend	June	15	39	21.8	699.6	0.00
Townsend	May	23	16	23.2	225.9	0.00		Townsend	June	16	40	19.9	719.5	0.00
Townsend	May	24	17	23.5	249.4	0.00		Townsend	June	17	41	25.8	745.3	0.00
Townsend	May	25	18	24.1	273.5	0.00		Townsend	June	18	42	26.4	771.6	0.00
Townsend	May	26	19	23.9	297.4	0.06		Townsend	June	19	43	25.9	797.5	0.00
Townsend	May	27	20	20.8	318.2	0.30		Townsend	June	20	44	25.3	822.8	0.00
Townsend	May	28	21	21.6	339.8	0.01		Townsend	June	21	45	26.0	848.8	0.00
Townsend	May	29	22	15.3	355.1	0.02		Townsend	June	22	46	29.0	877.7	0.00
Townsend	May	30	23	14.2	369.3	0.01		Townsend	June	23	47	32.1	909.8	0.04
Townsend	May	31	24	13.0	382.3	0.00		Townsend	June	24	48	23.7	933.4	0.00
								Townsend	June	25	49	22.3	955.7	0.00
								Townsend	June	26	50	29.4	985.1	0.09
								Townsend	June	27	51	28.2	1013.3	0.06
								Townsend	June	28	52	22.0	1035.3	0.00
								Townsend	June	29	53	24.6	1059.8	0.00
								Townsend	June	30	54	28.9	1088.7	3.34

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	July	1	55	21.0	1109.7	0.00		Townsend	August	1	86	28.0	1956.3	0.00
Townsend	July	2	56	22.0	1131.7	0.00		Townsend	August	2	87	30.8	1987.1	0.00
Townsend	July	3	57	21.3	1152.9	0.00		Townsend	August	3	88	28.8	2015.9	0.30
Townsend	July	4	58	26.9	1179.8	0.00		Townsend	August	4	89	28.0	2043.8	0.02
Townsend	July	5	59	30.8	1210.6	0.00		Townsend	August	5	90	28.2	2072.0	0.00
Townsend	July	6	60	33.1	1243.6	0.00		Townsend	August	6	91	29.0	2101.0	0.03
Townsend	July	7	61	29.9	1273.5	0.00		Townsend	August	7	92	26.3	2127.3	0.93
Townsend	July	8	62	28.0	1301.5	0.00		Townsend	August	8	93	24.2	2151.5	0.10
Townsend	July	9	63	30.5	1332.0	0.00		Townsend	August	9	94	29.6	2181.1	0.09
Townsend	July	10	64	32.1	1364.1	0.00		Townsend	August	10	95	28.3	2209.4	0.01
Townsend	July	11	65	28.7	1392.7	1.26		Townsend	August	11	96	21.4	2230.7	0.00
Townsend	July	12	66	25.3	1418.0	0.74		Townsend	August	12	97	20.9	2251.6	0.00
Townsend	July	13	67	29.5	1447.5	0.00		Townsend	August	13	98	20.3	2271.9	0.00
Townsend	July	14	68	28.7	1476.1	0.00		Townsend	August	14	99	23.2	2295.0	0.00
Townsend	July	15	69	31.1	1507.2	0.00		Townsend	August	15	100	22.6	2317.6	0.00
Townsend	July	16	70	29.4	1536.6	1.11		Townsend	August	16	101	22.7	2340.3	0.00
Townsend	July	17	71	29.2	1565.8	0.12		Townsend	August	17	102	22.9	2363.1	0.09
Townsend	July	18	72	26.8	1592.5	0.00		Townsend	August	18	103	26.5	2389.6	0.01
Townsend	July	19	73	24.8	1617.3	0.00		Townsend	August	19	104	24.9	2414.5	0.02
Townsend	July	20	74	24.4	1641.7	0.09		Townsend	August	20	105	12.4	2426.9	0.02
Townsend	July	21	75	25.9	1667.6	0.00		Townsend	August	21	106	11.7	2438.5	0.01
Townsend	July	22	76	25.0	1692.5	0.10		Townsend	August	22	107	13.0	2451.5	0.00
Townsend	July	23	77	27.8	1720.3	0.04		Townsend	August	23	108	15.3	2466.7	0.00
Townsend	July	24	78	27.3	1747.6	0.06		Townsend	August	24	109	18.0	2484.7	0.00
Townsend	July	25	79	26.5	1774.1	0.12		Townsend	August	25	110	21.9	2506.6	0.00
Townsend	July	26	80	23.3	1797.4	0.00		Townsend	August	26	111	23.9	2530.5	0.00
Townsend	July	27	81	23.0	1820.3	0.00		Townsend	August	27	112	24.0	2554.5	0.00
Townsend	July	28	82	22.9	1843.2	0.00		Townsend	August	28	113	29.0	2583.4	0.00
Townsend	July	29	83	27.0	1870.2	0.00		Townsend	August	29	114	27.4	2610.8	0.00
Townsend	July	30	84	29.1	1899.3	0.00		Townsend	August	30	115	21.9	2632.6	0.00
Townsend	July	31	85	29.0	1928.3	0.02		Townsend	August	31	116	23.0	2655.6	0.00

Table 2 continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	September	1	117	27.2	2682.8	0.00
Townsend	September	2	118	19.6	2702.4	0.00
Townsend	September	3	119	13.2	2715.6	0.00
Townsend	September	4	120	14.2	2729.7	0.00
Townsend	September	5	121	15.5	2745.2	0.00
Townsend	September	6	122	17.3	2762.5	0.00
Townsend	September	7	123	15.7	2778.2	0.01
Townsend	September	8	124	10.6	2788.7	0.00
Townsend	September	9	125	13.6	2802.3	0.00
Townsend	September	10	126	16.9	2819.2	0.00
Townsend	September	11	127	18.5	2837.6	0.00
Townsend	September	12	128	17.4	2855.0	0.00
Townsend	September	13	129	20.3	2875.3	0.00

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	April	26	1	5.2	5.2	0.00		Laurel	June	1	37	16.4	578.3	0.00
Laurel	April	27	2	4.4	9.6	0.01		Laurel	June	2	38	22.2	600.5	0.00
Laurel	April	28	3	16.5	26.1	0.00		Laurel	June	3	39	26.6	627.1	0.01
Laurel	April	29	4	22.7	48.8	0.00		Laurel	June	4	40	23.6	650.6	0.00
Laurel	April	30	5	23.3	72.1	0.00		Laurel	June	5	41	23.1	673.7	0.05
Laurel	May	1	6	19.9	92.0	0.00		Laurel	June	6	42	29.4	703.1	0.00
Laurel	May	2	7	18.8	110.8	0.00		Laurel	June	7	43	26.2	729.2	0.00
Laurel	May	3	8	9.3	120.1	0.00		Laurel	June	8	44	21.3	750.5	0.00
Laurel	May	4	9	1.9	122.0	0.07		Laurel	June	9	45	25.5	776.0	0.00
Laurel	May	5	10	13.5	135.5	0.02		Laurel	June	10	46	18.9	794.8	0.00
Laurel	May	6	11	19.1	154.6	0.19		Laurel	June	11	47	17.1	811.9	0.27
Laurel	May	7	12	20.3	174.9	0.06		Laurel	June	12	48	17.9	829.7	0.00
Laurel	May	8	13	24.7	199.5	0.00		Laurel	June	13	49	23.0	852.7	0.00
Laurel	May	9	14	17.4	216.9	0.06		Laurel	June	14	50	27.5	880.1	0.00
Laurel	May	10	15	4.9	221.8	0.40		Laurel	June	15	51	23.0	903.1	0.47
Laurel	May	11	16	6.5	228.3	0.00		Laurel	June	16	52	20.7	923.8	0.00
Laurel	May	12	17	6.1	234.4	0.45		Laurel	June	17	53	24.7	948.5	0.00
Laurel	May	13	18	11.1	245.5	0.00		Laurel	June	18	54	26.8	975.2	0.00
Laurel	May	14	19	13.6	259.1	0.02		Laurel	June	19	55	23.7	998.9	0.00
Laurel	May	15	20	10.8	269.8	0.74		Laurel	June	20	56	24.7	1023.6	0.00
Laurel	May	16	21	15.1	284.9	0.00		Laurel	June	21	57	26.1	1049.6	0.00
Laurel	May	17	22	11.5	296.4	0.00		Laurel	June	22	58	28.6	1078.2	0.00
Laurel	May	18	23	10.4	306.7	0.03		Laurel	June	23	59	30.7	1108.9	0.00
Laurel	May	19	24	13.5	320.2	0.00		Laurel	June	24	60	24.4	1133.3	0.00
Laurel	May	20	25	13.5	333.7	0.00		Laurel	June	25	61	21.7	1154.9	0.00
Laurel	May	21	26	16.2	349.8	0.00		Laurel	June	26	62	28.7	1183.6	0.09
Laurel	May	22	27	19.8	369.6	0.00		Laurel	June	27	63	27.9	1211.4	0.34
Laurel	May	23	28	26.9	396.5	0.00		Laurel	June	28	64	22.0	1233.4	0.00
Laurel	May	24	29	22.9	419.4	0.19		Laurel	June	29	65	25.8	1259.2	0.00
Laurel	May	25	30	24.4	443.8	0.01		Laurel	June	30	66	29.3	1288.5	0.00
Laurel	May	26	31	24.9	468.7	0.08								
Laurel	May	27	32	23.4	492.1	0.25								
Laurel	May	28	33	23.6	515.6	0.00								
Laurel	May	29	34	17.9	533.5	0.15								
Laurel	May	30	35	14.9	548.4	0.02								
Laurel	May	31	36	13.3	561.7	0.00								

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	July	1	67	21.3	1309.8	0.00		Laurel	August	1	98	28.5	2164.6	0.01
Laurel	July	2	68	20.7	1330.5	0.00		Laurel	August	2	99	30.8	2195.4	0.00
Laurel	July	3	69	21.2	1351.7	0.00		Laurel	August	3	100	30.7	2226.1	0.00
Laurel	July	4	70	26.8	1378.5	0.00		Laurel	August	4	101	27.5	2253.5	0.01
Laurel	July	5	71	29.8	1408.3	0.00		Laurel	August	5	102	27.9	2281.4	0.00
Laurel	July	6	72	32.2	1440.5	0.00		Laurel	August	6	103	30.5	2311.8	0.00
Laurel	July	7	73	30.9	1471.4	0.00		Laurel	August	7	104	29.8	2341.6	0.29
Laurel	July	8	74	29.2	1500.5	0.03		Laurel	August	8	105	26.8	2368.4	0.02
Laurel	July	9	75	30.0	1530.5	0.00		Laurel	August	9	106	29.1	2397.4	0.29
Laurel	July	10	76	31.3	1561.8	0.00		Laurel	August	10	107	29.2	2426.6	0.00
Laurel	July	11	77	28.8	1590.6	0.10		Laurel	August	11	108	25.1	2451.6	0.00
Laurel	July	12	78	24.1	1614.6	3.77		Laurel	August	12	109	23.2	2474.8	0.00
Laurel	July	13	79	29.1	1643.7	0.36		Laurel	August	13	110	21.6	2496.3	0.00
Laurel	July	14	80	28.1	1671.8	0.00		Laurel	August	14	111	21.1	2517.4	0.00
Laurel	July	15	81	31.2	1703.0	0.00		Laurel	August	15	112	23.3	2540.7	0.00
Laurel	July	16	82	32.2	1735.2	0.00		Laurel	August	16	113	23.4	2564.0	0.00
Laurel	July	17	83	30.0	1765.2	0.01		Laurel	August	17	114	23.7	2587.7	0.06
Laurel	July	18	84	27.5	1792.6	0.21		Laurel	August	18	115	28.4	2616.1	0.29
Laurel	July	19	85	25.5	1818.1	0.00		Laurel	August	19	116	26.5	2642.6	0.12
Laurel	July	20	86	24.6	1842.7	0.03		Laurel	August	20	117	12.7	2655.3	0.00
Laurel	July	21	87	28.3	1870.9	0.00		Laurel	August	21	118	12.0	2667.2	0.00
Laurel	July	22	88	25.5	1896.4	2.60		Laurel	August	22	119	13.3	2680.5	0.00
Laurel	July	23	89	29.0	1925.4	0.07		Laurel	August	23	120	15.7	2696.2	0.00
Laurel	July	24	90	28.2	1953.5	0.23		Laurel	August	24	121	17.3	2713.5	0.00
Laurel	July	25	91	27.0	1980.5	0.02		Laurel	August	25	122	19.4	2732.8	0.00
Laurel	July	26	92	24.9	2005.3	0.00		Laurel	August	26	123	22.8	2755.6	0.00
Laurel	July	27	93	23.2	2028.5	0.00		Laurel	August	27	124	25.2	2780.8	0.00
Laurel	July	28	94	22.9	2051.4	0.00		Laurel	August	28	125	26.8	2807.6	0.00
Laurel	July	29	95	26.8	2078.1	0.00		Laurel	August	29	126	27.4	2834.9	0.02
Laurel	July	30	96	28.6	2106.7	0.00		Laurel	August	30	127	22.7	2857.6	1.03
Laurel	July	31	97	29.4	2136.1	0.01		Laurel	August	31	128	25.3	2882.8	0.00

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	September	1	129	26.4	2909.3	0.01
Laurel	September	2	130	20.4	2929.7	0.01
Laurel	September	3	131	12.7	2942.4	0.00
Laurel	September	4	132	12.4	2954.8	0.00
Laurel	September	5	133	16.7	2971.4	0.00
Laurel	September	6	134	21.5	2992.9	0.00
Laurel	September	7	135	17.1	3010.0	0.00
Laurel	September	8	136	10.7	3020.6	0.00
Laurel	September	9	137	12.9	3033.5	0.00
Laurel	September	10	138	17.2	3050.7	0.00
Laurel	September	11	139	17.8	3068.5	0.00
Laurel	September	12	140	16.3	3084.8	0.00
Laurel	September	13	141	21.8	3106.6	0.00

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	May	3	1	11.8	11.8	0.00		Dover	June	1	30	17.3	465.5	0.00
Dover	May	4	2	1.4	13.2	0.27		Dover	June	2	31	23.5	489.0	0.00
Dover	May	5	3	8.1	21.3	0.14		Dover	June	3	32	26.5	515.4	0.05
Dover	May	6	4	16.7	38.0	0.15		Dover	June	4	33	21.7	537.1	0.00
Dover	May	7	5	21.2	59.1	0.06		Dover	June	5	34	23.9	560.9	0.14
Dover	May	8	6	25.4	84.5	0.00		Dover	June	6	35	29.5	590.4	0.00
Dover	May	9	7	15.6	100.1	0.00		Dover	June	7	36	25.2	615.6	0.00
Dover	May	10	8	5.0	105.1	0.32		Dover	June	8	37	19.9	635.5	0.00
Dover	May	11	9	6.5	111.5	0.00		Dover	June	9	38	21.3	656.8	0.00
Dover	May	12	10	4.5	116.0	0.18		Dover	June	10	39	17.7	674.5	0.00
Dover	May	13	11	11.9	127.9	0.00		Dover	June	11	40	15.8	690.3	0.07
Dover	May	14	12	13.7	141.5	0.07		Dover	June	12	41	17.3	707.6	0.00
Dover	May	15	13	11.6	153.1	0.71		Dover	June	13	42	23.1	730.7	0.00
Dover	May	16	14	15.2	168.3	0.00		Dover	June	14	43	28.0	758.6	0.15
Dover	May	17	15	12.5	180.8	0.00		Dover	June	15	44	22.1	780.7	0.09
Dover	May	18	16	10.9	191.6	0.25		Dover	June	16	45	19.2	799.9	0.00
Dover	May	19	17	15.1	206.7	0.00		Dover	June	17	46	26.2	826.1	0.00
Dover	May	20	18	14.9	221.5	0.00		Dover	June	18	47	27.5	853.6	0.00
Dover	May	21	19	17.9	239.4	0.00		Dover	June	19	48	26.3	879.8	0.00
Dover	May	22	20	21.9	261.3	0.00		Dover	June	20	49	26.1	905.9	0.00
Dover	May	23	21	24.9	286.2	0.02		Dover	June	21	50	26.3	932.2	0.00
Dover	May	24	22	25.1	311.3	0.23		Dover	June	22	51	29.2	961.3	0.00
Dover	May	25	23	24.2	335.4	0.01		Dover	June	23	52	31.6	992.9	0.00
Dover	May	26	24	24.7	360.1	0.26		Dover	June	24	53	23.8	1016.7	0.00
Dover	May	27	25	21.4	381.4	0.29		Dover	June	25	54	22.7	1039.4	0.00
Dover	May	28	26	23.2	404.6	0.01		Dover	June	26	55	29.5	1068.9	0.00
Dover	May	29	27	17.1	421.7	0.01		Dover	June	27	56	28.0	1096.8	0.09
Dover	May	30	28	14.0	435.6	0.00		Dover	June	28	57	22.6	1119.4	0.00
Dover	May	31	29	12.6	448.2	0.00		Dover	June	29	58	26.2	1145.6	0.00
								Dover	June	30	59	28.6	1174.2	3.52

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	July	1	60	21.8	1196.0	0.00		Dover	August	1	91	28.7	2057.1	0.00
Dover	July	2	61	21.7	1217.7	0.00		Dover	August	2	92	31.4	2088.5	0.00
Dover	July	3	62	21.6	1239.3	0.00		Dover	August	3	93	29.3	2117.7	0.19
Dover	July	4	63	27.5	1266.8	0.00		Dover	August	4	94	28.4	2146.1	0.00
Dover	July	5	64	30.5	1297.3	0.00		Dover	August	5	95	28.8	2174.9	0.00
Dover	July	6	65	33.4	1330.6	0.00		Dover	August	6	96	31.0	2205.9	0.00
Dover	July	7	66	30.7	1361.3	0.00		Dover	August	7	97	28.7	2234.6	1.07
Dover	July	8	67	28.6	1389.9	0.00		Dover	August	8	98	25.6	2260.1	0.15
Dover	July	9	68	30.9	1420.7	0.00		Dover	August	9	99	30.3	2290.4	0.25
Dover	July	10	69	32.0	1452.7	0.00		Dover	August	10	100	28.6	2319.0	0.00
Dover	July	11	70	28.8	1481.5	0.34		Dover	August	11	101	23.1	2342.0	0.03
Dover	July	12	71	25.8	1507.3	0.82		Dover	August	12	102	21.7	2363.7	0.00
Dover	July	13	72	29.4	1536.7	0.78		Dover	August	13	103	20.9	2384.6	0.00
Dover	July	14	73	28.6	1565.2	0.01		Dover	August	14	104	22.9	2407.5	0.00
Dover	July	15	74	31.5	1596.7	0.00		Dover	August	15	105	23.6	2431.1	0.00
Dover	July	16	75	29.8	1626.5	0.68		Dover	August	16	106	23.9	2454.9	0.00
Dover	July	17	76	29.9	1656.4	0.54		Dover	August	17	107	24.8	2479.7	0.26
Dover	July	18	77	28.1	1684.4	0.00		Dover	August	18	108	27.8	2507.5	0.06
Dover	July	19	78	26.0	1710.4	0.00		Dover	August	19	109	26.3	2533.8	0.09
Dover	July	20	79	25.0	1735.4	0.02		Dover	August	20	110	12.1	2545.8	0.00
Dover	July	21	80	26.9	1762.2	0.00		Dover	August	21	111	11.8	2557.6	0.00
Dover	July	22	81	26.1	1788.3	0.08		Dover	August	22	112	13.7	2571.3	0.00
Dover	July	23	82	28.6	1816.9	0.03		Dover	August	23	113	16.8	2588.0	0.00
Dover	July	24	83	28.5	1845.3	0.74		Dover	August	24	114	18.8	2606.8	0.00
Dover	July	25	84	27.0	1872.3	0.63		Dover	August	25	115	21.9	2628.7	0.00
Dover	July	26	85	23.9	1896.1	0.00		Dover	August	26	116	24.1	2652.8	0.00
Dover	July	27	86	24.1	1920.2	0.00		Dover	August	27	117	25.0	2677.8	0.00
Dover	July	28	87	23.8	1944.0	0.00		Dover	August	28	118	28.5	2706.3	0.00
Dover	July	29	88	27.4	1971.3	0.00		Dover	August	29	119	25.6	2731.8	0.17
Dover	July	30	89	28.5	1999.8	0.00		Dover	August	30	120	21.8	2753.6	0.08
Dover	July	31	90	28.6	2028.4	0.28		Dover	August	31	121	24.3	2777.8	0.00

Table 2 continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	September	1	122	27.6	2805.4	0.00
Dover	September	2	123	20.7	2826.1	0.00
Dover	September	3	124	13.9	2840.0	0.00
Dover	September	4	125	12.7	2852.6	0.00
Dover	September	5	126	15.0	2867.6	0.00
Dover	September	6	127	19.5	2887.1	0.00
Dover	September	7	128	17.4	2904.5	0.00
Dover	September	8	129	10.7	2915.1	0.00
Dover	September	9	130	13.5	2928.6	0.00
Dover	September	10	131	17.9	2946.5	0.00
Dover	September	11	132	17.9	2964.4	0.00
Dover	September	12	133	16.4	2980.8	0.00
Dover	September	13	134	20.3	3001.0	0.00

Table 2 Continued...

Georgetown	April	24	1	11.5	11.5	0.00		Georgetown	June	1	39	17.2	576.8	0.00
Georgetown	April	25	2	0.0	11.5	0.02		Georgetown	June	2	40	21.3	598.1	0.01
Georgetown	April	26	3	0.0	11.5	0.00		Georgetown	June	3	41	26.9	625.0	0.00
Georgetown	April	27	4	1.2	12.7	0.00		Georgetown	June	4	42	23.6	648.6	0.00
Georgetown	April	28	5	17.4	30.1	0.00		Georgetown	June	5	43	23.1	671.6	0.06
Georgetown	April	29	6	24.4	54.5	0.00		Georgetown	June	6	44	29.0	700.6	0.00
Georgetown	April	30	7	24.3	78.7	0.00		Georgetown	June	7	45	27.0	727.5	0.00
Georgetown	May	1	8	19.2	97.9	0.00		Georgetown	June	8	46	21.5	749.0	0.00
Georgetown	May	2	9	19.9	117.8	0.00		Georgetown	June	9	47	24.4	773.4	0.00
Georgetown	May	3	10	9.5	127.3	0.00		Georgetown	June	10	48	19.7	793.1	0.00
Georgetown	May	4	11	1.4	128.6	0.01		Georgetown	June	11	49	17.3	810.3	0.39
Georgetown	May	5	12	12.8	141.4	0.03		Georgetown	June	12	50	18.7	829.0	0.00
Georgetown	May	6	13	19.5	160.9	0.07		Georgetown	June	13	51	23.5	852.5	0.00
Georgetown	May	7	14	19.8	180.7	0.11		Georgetown	June	14	52	27.2	879.7	0.04
Georgetown	May	8	15	24.8	205.5	0.00		Georgetown	June	15	53	23.4	903.1	0.22
Georgetown	May	9	16	17.9	223.3	0.00		Georgetown	June	16	54	19.8	922.9	0.00
Georgetown	May	10	17	4.4	227.7	0.59		Georgetown	June	17	55	24.8	947.6	0.00
Georgetown	May	11	18	6.3	234.0	0.01		Georgetown	June	18	56	26.7	974.3	0.00
Georgetown	May	12	19	6.3	240.3	0.29		Georgetown	June	19	57	24.2	998.4	0.00
Georgetown	May	13	20	10.8	251.1	0.00		Georgetown	June	20	58	24.5	1022.9	0.00
Georgetown	May	14	21	12.8	263.9	0.33		Georgetown	June	21	59	26.2	1049.1	0.00
Georgetown	May	15	22	9.9	273.8	0.67		Georgetown	June	22	60	28.0	1077.1	0.00
Georgetown	May	16	23	13.9	287.6	0.00		Georgetown	June	23	61	30.7	1107.7	0.00
Georgetown	May	17	24	11.8	299.4	0.00		Georgetown	June	24	62	25.4	1133.1	0.00
Georgetown	May	18	25	10.4	309.7	0.05		Georgetown	June	25	63	22.1	1155.2	0.00
Georgetown	May	19	26	12.7	322.4	0.00		Georgetown	June	26	64	29.0	1184.2	0.06
Georgetown	May	20	27	13.0	335.3	0.00		Georgetown	June	27	65	27.7	1211.9	0.42
Georgetown	May	21	28	15.8	351.1	0.00		Georgetown	June	28	66	20.9	1232.7	0.00
Georgetown	May	22	29	21.2	372.2	0.00		Georgetown	June	29	67	25.5	1258.2	0.00
Georgetown	May	23	30	24.9	397.1	0.00		Georgetown	June	30	68	29.2	1287.3	0.18
Georgetown	May	24	31	22.0	419.1	0.86								
Georgetown	May	25	32	23.3	442.4	0.03								
Georgetown	May	26	33	24.1	466.5	0.01								
Georgetown	May	27	34	23.2	489.7	0.01								
Georgetown	May	28	35	23.5	513.2	0.33								
Georgetown	May	29	36	18.5	531.7	0.12								
Georgetown	May	30	37	15.2	546.8	0.00								
Georgetown	May	31	38	12.8	559.6	0.00								

Table 2 Continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	July	1	69	22.2	1309.5	0.00		Georgetown	August	1	100	28.8	2163.1	0.00
Georgetown	July	2	70	21.5	1331.0	0.00		Georgetown	August	2	101	30.7	2193.8	0.00
Georgetown	July	3	71	20.3	1351.3	0.00		Georgetown	August	3	102	31.0	2224.8	0.00
Georgetown	July	4	72	26.7	1378.0	0.00		Georgetown	August	4	103	28.3	2253.1	0.00
Georgetown	July	5	73	29.6	1407.6	0.00		Georgetown	August	5	104	28.5	2281.5	0.00
Georgetown	July	6	74	31.8	1439.4	0.00		Georgetown	August	6	105	30.6	2312.1	0.00
Georgetown	July	7	75	31.3	1470.7	0.00		Georgetown	August	7	106	28.0	2340.1	0.28
Georgetown	July	8	76	29.3	1499.9	0.34		Georgetown	August	8	107	26.1	2366.1	0.07
Georgetown	July	9	77	29.9	1529.8	0.00		Georgetown	August	9	108	30.0	2396.1	0.12
Georgetown	July	10	78	31.1	1560.9	0.00		Georgetown	August	10	109	28.8	2424.9	0.00
Georgetown	July	11	79	29.7	1590.5	0.06		Georgetown	August	11	110	25.4	2450.2	0.00
Georgetown	July	12	80	23.5	1614.0	3.09		Georgetown	August	12	111	23.1	2473.3	0.00
Georgetown	July	13	81	29.6	1643.6	1.15		Georgetown	August	13	112	21.8	2495.1	0.00
Georgetown	July	14	82	28.4	1672.0	0.00		Georgetown	August	14	113	21.8	2516.8	0.00
Georgetown	July	15	83	30.8	1702.7	0.00		Georgetown	August	15	114	24.2	2541.0	0.00
Georgetown	July	16	84	32.5	1735.2	0.00		Georgetown	August	16	115	23.1	2564.1	0.00
Georgetown	July	17	85	29.7	1764.9	0.01		Georgetown	August	17	116	24.7	2588.7	0.01
Georgetown	July	18	86	28.7	1793.6	0.08		Georgetown	August	18	117	28.7	2617.4	0.33
Georgetown	July	19	87	26.2	1819.7	0.01		Georgetown	August	19	118	26.4	2643.8	0.15
Georgetown	July	20	88	25.0	1844.7	0.00		Georgetown	August	20	119	13.3	2657.1	0.00
Georgetown	July	21	89	28.3	1873.0	0.00		Georgetown	August	21	120	11.9	2669.0	0.00
Georgetown	July	22	90	24.7	1897.7	1.76		Georgetown	August	22	121	13.6	2682.5	0.00
Georgetown	July	23	91	29.3	1926.9	0.02		Georgetown	August	23	122	16.0	2698.5	0.00
Georgetown	July	24	92	25.7	1952.6	1.06		Georgetown	August	24	123	17.1	2715.5	0.00
Georgetown	July	25	93	26.7	1979.3	0.02		Georgetown	August	25	124	19.9	2735.4	0.00
Georgetown	July	26	94	24.5	2003.7	0.00		Georgetown	August	26	125	23.9	2759.3	0.00
Georgetown	July	27	95	23.7	2027.4	0.00		Georgetown	August	27	126	25.8	2785.1	0.00
Georgetown	July	28	96	23.0	2050.3	0.00		Georgetown	August	28	127	27.9	2812.9	0.00
Georgetown	July	29	97	26.7	2077.0	0.00		Georgetown	August	29	128	25.9	2838.8	0.00
Georgetown	July	30	98	28.1	2105.0	0.00		Georgetown	August	30	129	22.3	2861.1	0.53
Georgetown	July	31	99	29.3	2134.3	0.00		Georgetown	August	31	130	25.3	2886.4	0.00

Table 2 continued...

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	September	1	131	26.3	2912.7	0.01
Georgetown	September	2	132	20.8	2933.5	0.00
Georgetown	September	3	133	12.5	2946.0	0.00
Georgetown	September	4	134	12.5	2958.4	0.00
Georgetown	September	5	135	16.3	2974.7	0.00
Georgetown	September	6	136	22.1	2996.8	0.00
Georgetown	September	7	137	19.1	3015.8	0.00
Georgetown	September	8	138	10.8	3026.6	0.00
Georgetown	September	9	139	13.7	3040.3	0.00
Georgetown	September	10	140	18.2	3058.5	0.00
Georgetown	September	11	141	17.6	3076.0	0.00
Georgetown	September	12	142	15.6	3091.6	0.00
Georgetown	September	13	143	22.7	3114.3	0.00

Table 3. Dryland Corn Hybrid Performance Summary Emerson Farms (New Castle County) Middletown, Delaware																
Planted 5/8/2024 & Harvested September 26, Early Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Revere	0918 VT2P	256.8	19.2	13.4	54.4	26245.0	0.0	110.2	1	17	4	5	214.2	4	224.8	231.9
Mid-Atlantic Seeds	MA6094PCE	251.8	20.9	12.1	52.9	26680.0	0.0	108.1	2	13	12	4	211.3	8	221.5	238.9
AgVenture	AV5710	248.5	20.4	12.2	53.2	27695.0	0.0	106.7	3	9	13	8	209.7	10	219.4	
Mid-Atlantic Seeds	MA8110TRECIB	242.9	20.7	11.8	53.7	27550.0	0.0	104.2	4	14	2	10	213.3	6	220.7	
DeKalb	DKC111-35RIB (Check)	242.7	19.9	12.3	55.5	27985.0	0.0	104.2	5	4	3	2	221.4	1	226.8	
Dyna-Gro	D51VC95RIB	239.7	19.3	12.4	54.7	26390.0	0.0	102.9	6	1	7	11	219.3	2	224.4	
AgVenture	AV3310	238.0	20.0	11.9	53.1	28130.0	0.0	102.2	7	20	11	6	203.8	13	212.4	
Seed Consultants	SC1093AM	237.6	20.8	11.5	51.2	26390.0	0.0	102.0	8	11	5	1	216.7	3	221.9	235.7
FS InVISION	FS 5835V RIB	235.0	19.5	12.1	54.3	25520.0	0.0	100.8	9	3	16	12	206.8	12	213.9	
Seed Consultants	SC1105PCE	229.2	20.7	11.1	53.0	27115.0	0.0	98.4	10	5	17	3	211.5	7	215.9	
Augusta	A2060	228.1	20.0	11.4	53.3	27115.0	0.5	97.9	11	10	9	7	211.2	9	215.4	
AgVenture	AV3505	227.1	20.1	11.3	54.0	28275.0	0.0	97.5	12	16	8	16	202.3	14	208.5	
DeKalb	DKC56-26RIB (Check)	223.2	20.8	10.7	53.3	26970.0	0.6	95.8	13	12	1	17	209.3	11	212.8	
Seed Consultants	SC1084AM	221.0	20.2	11.0	54.7	26680.0	0.0	94.8	14	2	6	13	214.0	5	215.7	233.6
NK	NK0880-V	214.1	21.1	10.2	53.5	27405.0	0.5	91.9	15	15	14	18	198.0	19	202.1	
Mid-Atlantic Seeds	MA6065PWE	212.6	20.2	10.5	50.3	26970.0	0.0	91.3	16	6	18	19	199.8	18	203.0	
AgVenture	AV3904	208.7	20.1	10.4	52.7	27115.0	0.5	89.6	17	19	10	14	200.6	17	202.6	
Dyna-Gro	D49PN05RA	208.6	21.2	9.8	51.9	24795.0	0.0	89.5	18	18	19	9	201.7	16	203.4	
Innervictis Seed Solutions	A1072VT2P	207.8	19.6	10.6	53.7	26825.0	0.0	89.2	19	8	20	15	201.7	15	203.2	
Revere	0518 VT2P	195.0	18.7	10.4	53.8	25665.0	0.0	83.7	20	7	15	20	197.2	20	196.7	
Check Avg.		233.0	20.3	11.5	54.4	27478.0	0.3									
Test Avg.		228.4	20.2	11.4	53.3	26876.0	0.1									
LSD (0.05)		18.0	1.4	1.3	2.1	1382.0	NS									
% C.V.		4.6	4.4	6.8	2.6	3.3										
Check Avg. + LSD (0.05)		251.0														

¹The 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 4. Dryland Corn Hybrid Performance Summary Emerson Farms (New Castle County) Middletown, Delaware																
Planted 5/8/2024 & Harvested September 26, Early-Medium Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Mid-Atlantic Seeds	MA6148PCE	241.5	19.8	12.2	55.5	26825.0	0.0	108.7	1	9	18	18	214.4	18	221.1	
Revere	1307 TC	235.6	20.4	11.6	55.0	26825.0	0.0	106.0	2	5	9	9	229.5	6	231.1	246.0
DeKalb	DKC64-22RIB (Check)	224.7	20.4	11.0	54.7	26390.0	0.0	101.1	3	3	7	2	236.9	2	233.8	
DeKalb	DKC113-83RIB (Check)	219.8	19.3	11.4	56.2	28275.0	0.0	98.9	4	16	2	20	218.7	12	218.9	
Mid-Atlantic Seeds	MA6120PWE	217.1	19.8	11.0	54.1	27985.0	0.0	97.7	5	10	1	1	232.2	4	228.4	
Innervictis Seed Solutions	A1312VT2PRIB	215.2	19.9	10.8	53.8	27260.0	0.0	96.8	6	2	6	4	236.5	3	231.2	
NK	NK1307-DV	213.2	21.2	10.1	53.3	26825.0	0.0	95.9	7	15	15	7	220.7	10	218.8	
FS InVISION	FS 6445V RIB	206.0	21.9	9.4	54.2	25230.0	0.0	92.7	8	13	10	13	220.1	11	216.5	
AgVenture	AV4112	204.6	18.5	11.1	56.4	25665.0	0.0	92.1	9	8	20	6	223.9	9	219.1	
AgVenture	AV4713	201.4	19.5	10.3	56.3	27115.0	0.5	90.6	10	20	4	10	217.3	15	213.3	
Seed Consultants	SC1135PCE	199.7	19.1	10.5	56.2	27840.0	0.0	89.9	11	14	11	19	216.7	17	212.4	
Seed Consultants	SC1112AM	195.1	19.4	10.1	56.8	25375.0	0.0	87.8	12	4	5	11	231.5	5	222.4	241.9
Mid-Atlantic Seeds	MA8142VT2PRIB	194.6	18.5	10.5	58.4	25375.0	0.0	87.6	13	12	16	14	217.4	14	211.7	
Revere	113-T42	192.3	18.2	10.6	56.2	28275.0	0.0	86.5	14	18	8	12	217.7	13	211.3	
Mid-Atlantic Seeds	MA8126VT2PRIB	191.3	17.7	10.8	56.7	26390.0	0.0	86.1	15	1	3	3	238.8	1	226.9	
Innervictis Seed Solutions	A1292VT2PRIB	189.1	17.0	11.1	58.2	26535.0	0.0	85.1	16	11	13	15	217.0	16	210.0	
Mid-Atlantic Seeds	MA6131PWE	177.6	19.6	9.1	53.3	26245.0	1.1	79.9	17	22	22	22	175.0	22	175.7	
FS InVISION	FS 6107T RIB	176.3	18.5	9.6	54.7	26535.0	0.0	79.3	18	6	19	8	224.9	8	212.7	
NK	NK1386-VZ	172.3	18.4	9.4	56.0	28130.0	0.5	77.6	19	19	14	21	205.4	20	197.1	
NK	NK1188-AA	171.0	18.6	9.2	56.4	26970.0	0.0	77.0	20	17	17	17	211.1	19	201.1	229.2
AgVenture	AV3111	170.6	16.9	10.1	58.9	28130.0	0.0	76.8	21	7	12	5	228.8	7	214.2	
NK	NK1228-AA	169.3	17.7	9.6	56.9	27695.0	0.0	76.2	22	21	21	16	199.8	21	192.1	
Check Avg.		222.2	19.8	11.2	55.4	27333.0	0.0									
Test Avg.		199.0	19.1	10.4	55.8	26904.0	0.1									
LSD (0.05)		21.3	1.1	0.9	2.2	1608.0	NS									
% C.V.		5.8	3.6	4.6	2.5	3.8										
Check Avg. + LSD (0.05)		243.5														

¹The 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 5. Dryland Corn Hybrid Performance Summary																
Emerson Farms (New Castle County) Middletown, Delaware																
Planted 5/8/2024 & Harvested September 26, Medium Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
DeKalb	DKC66-06RIB (Check)	243.2	19.0	12.8	56.0	26970.0	0.0	104.8	1	8	9	5	224.1	7	228.9	
Dyna-Gro	D58VC74	239.2	19.8	12.1	55.9	24360.0	0.0	103.1	2	11	8	6	217.2	9	222.7	
Innvictis Seed Solutions	A1542T	233.8	19.8	11.8	55.3	26680.0	0.0	100.7	3	9	10	8	216.8	10	221.0	
Revere	1839 TC	229.7	21.8	10.6	52.9	28130.0	0.0	99.0	4	2	1	2	243.1	2	239.8	
Dyna-Gro	D56TC44RIB	227.5	20.3	11.2	55.3	27695.0	0.0	98.0	5	3	2	9	228.8	5	228.5	
Revere	1627 TC	226.7	20.1	11.3	55.2	27115.0	0.0	97.7	6	7	3	4	227.8	6	227.5	248.5
Seed Consultants	SC1183AM	223.8	20.2	11.1	53.8	25810.0	0.0	96.4	7	6	7	12	219.9	8	220.9	237.8
Mid-Atlantic Seeds	MA8199TRECIB	223.1	22.1	10.1	53.7	29000.0	0.5	96.1	8	1	6	1	245.3	1	239.8	
Mid-Atlantic Seeds	MA6153PCE	221.5	20.9	10.6	55.5	27985.0	0.0	95.4	9	12	12	10	206.8	11	210.5	
DeKalb	DKC68-35RIB (Check)	221.0	20.0	11.1	56.2	25810.0	0.0	95.2	10	4	5	3	235.8	3	232.1	
Mid-Atlantic Seeds	MA8154VT2PRIB	220.1	20.8	10.6	54.4	26535.0	0.0	94.8	11	5	4	7	229.5	4	227.2	
FS InVISION	FS 6549PC RA	215.1	20.7	10.4	55.4	25955.0	0.0	92.7	12	13	11	13	203.9	13	206.7	
AgVenture	AV9318	212.2	21.4	9.9	54.6	27115.0	0.0	91.4	13	10	13	11	205.3	12	207.0	
	Check Avg.	232.1	19.5	11.9	56.1	26390.0	0.0									
	Test Avg.	225.9	20.5	11.0	54.9	26859.0	0.0									
	LSD (0.05)	17.6	0.6	1.0	1.5	2069.0	NS									
	% C.V.	4.3	1.8	4.8	1.7	4.6										
	Check Avg. + LSD (0.05)	249.7														

¹The 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 6. Irrigated Corn Hybrid Performance Summary Thomas Family Farms (Kent County) Maryland, Delaware																
Planted 5/3/2024 & Harvested September 30, Early Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Seed Consultants	SC1093AM	267.5	21.4	12.5	51.1	32915.0	0.4	107.4	1	5	11	8	216.7	3	221.9	235.7
DeKalb	DKC111-35RIB (Check)	265.0	20.8	12.8	54.6	34075.0	0.0	106.4	2	3	4	5	221.4	1	226.8	
Seed Consultants	SC1105PCE	261.0	20.2	13.0	54.1	32480.0	0.5	104.8	3	17	5	10	211.5	7	215.9	
Mid-Atlantic Seeds	MA6094PCE	260.7	20.7	12.6	54.4	33495.0	0.0	104.7	4	12	13	2	211.3	8	221.5	238.9
Revere	0918 VT2P	260.2	20.7	12.6	53.9	32625.0	0.0	104.5	5	4	17	1	214.2	4	224.8	231.9
AgVenture	AV3310	256.8	20.9	12.3	53.4	33640.0	0.0	103.1	6	11	20	7	203.8	13	212.4	
Augusta	A2060	255.4	21.1	12.1	52.8	31465.0	0.0	102.5	7	9	10	11	211.2	9	215.4	
AgVenture	AV5710	254.0	20.8	12.3	54.9	33060.0	0.0	102.0	8	13	9	3	209.7	10	219.4	
Dyna-Gro	D49PN05RA	251.2	20.4	12.3	52.5	27405.0	0.0	100.9	9	19	18	18	201.7	16	203.4	
Mid-Atlantic Seeds	MA8110TRECIB	249.8	20.5	12.2	54.1	31900.0	0.5	100.3	10	2	14	4	213.3	6	220.7	
Dyna-Gro	D51VC95RIB	246.6	20.0	12.4	53.7	32335.0	0.0	99.0	11	7	1	6	219.3	2	224.4	
FS InVISION	FS 5835V RIB	243.5	20.1	12.1	52.8	32770.0	0.0	97.7	12	16	3	9	206.8	12	213.9	
Seed Consultants	SC1084AM	241.8	20.1	12.1	53.5	33060.0	0.0	97.1	13	6	2	14	214.0	5	215.7	233.6
AgVenture	AV3904	239.7	20.3	11.9	52.1	32915.0	0.0	96.2	14	10	19	17	200.6	17	202.6	
Innvictis Seed Solutions	A1072VT2P	239.4	19.7	12.2	53.0	33205.0	0.0	96.1	15	20	8	19	201.7	15	203.2	
AgVenture	AV3505	237.7	19.9	12.0	54.9	33350.0	0.0	95.4	16	8	16	12	202.3	14	208.5	
DeKalb	DKC56-26RIB (Check)	233.2	20.2	11.6	54.7	33060.0	1.8	93.6	17	1	12	13	209.3	11	212.8	
NK	NK0880-V	227.6	20.5	11.1	54.1	32770.0	0.5	91.4	18	14	15	15	198.0	19	202.1	
Mid-Atlantic Seeds	MA6065PWEE	227.6	21.9	10.4	50.2	33060.0	0.5	91.4	19	18	6	16	199.8	18	203.0	
Revere	0518 VT2P	217.7	19.6	11.1	54.9	31030.0	0.0	87.4	20	15	7	20	197.2	20	196.7	
Check Avg.		249.1	20.5	12.2	54.7	33568.0	0.9									
Test Avg.		246.8	20.5	12.1	53.5	32531.0	0.2									
LSD (0.05)		15.7	1.1	1.1	1.2	1781.0	0.8									
% C.V.		5.3	3.2	5.8	1.6	3.1										
Check Avg. + LSD (0.05)		264.8														

¹The 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 5/3/2024 & Harvested September 30, Early-Medium Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Mid-Atlantic Seeds	MA6120PWE	267.9	21.8	12.3	51.8	33060.0	0.0	107.0	1	1	10	5	232.2	4	228.4	
DeKalb	DKC64-22RIB (Check)	263.7	20.9	12.6	54.2	33785.0	0.0	105.3	2	7	3	3	236.9	2	233.8	
Mid-Atlantic Seeds	MA8126VT2PRIB	263.0	20.5	12.8	53.5	32770.0	0.4	105.1	3	3	1	15	238.8	1	226.9	
Innqvist Seed Solutions	A1312VT2PRIB	258.8	22.5	11.5	52.1	33350.0	0.0	103.4	4	6	2	6	236.5	3	231.2	
AgVenture	AV3111	257.9	21.0	12.3	54.8	33495.0	0.0	103.0	5	12	7	21	228.8	7	214.2	
AgVenture	AV4112	257.7	21.6	11.9	51.5	31610.0	0.0	103.0	6	20	8	9	223.9	9	219.1	
NK	NK1307-DV	255.8	21.9	11.7	52.0	33060.0	0.0	102.2	7	15	15	7	220.7	10	218.8	
FS InVISION	FS 6107T RIB	255.4	20.4	12.5	53.7	32045.0	0.9	102.0	8	19	6	18	224.9	8	212.7	
Revere	1307 TC	254.2	20.7	12.3	52.9	33495.0	0.0	101.6	9	9	5	2	229.5	6	231.1	246.0
AgVenture	AV4713	254.1	21.2	12.0	53.1	33350.0	0.0	101.5	10	4	20	10	217.3	15	213.3	
Seed Consultants	SC1112AM	250.3	21.1	11.9	53.2	32480.0	0.0	100.0	11	5	4	12	231.5	5	222.4	241.9
Revere	113-T42	248.5	20.6	12.1	54.8	33930.0	0.0	99.3	12	8	18	14	217.7	13	211.3	
FS InVISION	FS 6445V RIB	245.9	21.4	11.5	52.7	32045.0	0.0	98.3	13	10	13	8	220.1	11	216.5	
Mid-Atlantic Seeds	MA8142VT2PRIB	242.4	21.3	11.4	56.0	31320.0	0.0	96.9	14	16	12	13	217.4	14	211.7	
Innqvist Seed Solutions	A1292VT2PRIB	240.1	20.7	11.6	54.1	33060.0	0.0	95.9	15	13	11	16	217.0	16	210.0	
NK	NK1228-AA	238.6	20.8	11.5	54.4	32480.0	0.0	95.3	16	21	21	22	199.8	21	192.1	
NK	NK1188-AA	238.3	21.5	11.1	53.9	33930.0	0.0	95.2	17	17	17	20	211.1	19	201.1	229.2
Mid-Atlantic Seeds	MA6148PCE	237.7	22.3	10.7	52.4	32190.0	0.0	95.0	18	18	9	1	214.4	18	221.1	
Seed Consultants	SC1135PCE	237.0	21.7	10.9	52.7	34075.0	0.0	94.7	19	11	14	11	216.7	17	212.4	
DeKalb	DKC113-83RIB (Check)	236.8	20.6	11.5	54.2	33785.0	0.4	94.6	20	2	16	4	218.7	12	218.9	
NK	NK1386-VZ	228.6	21.2	10.8	53.1	34945.0	0.0	91.3	21	14	19	19	205.4	20.0	197.1	
Mid-Atlantic Seeds	MA6131PWE	192.8	22.3	8.6	48.4	33640.0	0.0	77.0	22	22	22	17	175.0	22	175.7	
	Check Avg.	250.3	20.8	12.1	54.2	33785.0	0.2									
	Test Avg.	246.6	21.3	11.6	1.0	33086.0	0.1									
	LSD (0.05)	16.3	0.8	0.9	1.5	1647.0	NS									
	% C.V.	3.9	2.4	4.8	1.8	3.1										
	Check Avg. + LSD (0.05)	266.6														

¹The 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) Maryland, Delaware

Planted 5/3/2024 & Harvested September 30, Medium Hybrids									Performance Ranking for					Pooled sites		
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Mid-Atlantic Seeds	MA8199TRECIB	282.4	22.5	12.6	50.8	35090.0	0.0	107.1	1	6	1	8	245.3	1	239.8	
Revere	1839 TC	271.9	23.1	11.8	52.5	33640.0	0.0	103.1	2	1	2	4	243.1	2	239.8	
DeKalb	DKC68-35RIB (Check)	270.8	21.8	12.5	54.1	33350.0	0.0	102.7	3	5	4	10	235.8	3	232.1	
Revere	1627 TC	260.3	21.3	12.2	54.2	33060.0	0.0	98.7	4	3	7	6	227.8	6	227.5	248.5
DeKalb	DKC66-06RIB (Check)	256.7	21.3	12.0	52.9	34075.0	0.0	97.3	5	9	8	1	224.1	7	228.9	
Dyna-Gro	D58VC74	255.7	21.5	11.9	52.7	32480.0	0.0	97.0	6	8	11	2	217.2	9	222.7	
Mid-Atlantic Seeds	MA8154VT2PRIB	255.5	22.1	11.6	52.8	30885.0	1.0	96.9	7	4	5	11	229.5	4	227.2	
Innvictis Seed Solutions	A1542T	251.5	21.4	11.8	54.3	32915.0	0.0	95.4	8	10	9	3	216.8	10	221.0	
Dyna-Gro	D56TC44RIB	243.6	21.7	11.2	54.2	32625.0	0.0	92.4	9	2	3	5	228.8	5	228.5	
Mid-Atlantic Seeds	MA6153PCE	238.5	23.5	10.2	51.0	32915.0	1.8	90.5	10	12	12	9	206.8	11	210.5	
AgVenture	AV9318	237.4	22.6	10.5	51.3	33350.0	0.0	90.0	11	13	10	13	205.3	12	207.0	
Seed Consultants	SC1183AM	235.9	21.5	11.0	51.6	33495.0	0.0	89.4	12	7	6	7	219.9	8	220.9	237.8
FS InVISION	FS 6549PC RA	232.1	22.8	10.2	51.3	32625.0	0.0	88.0	13	11	13	12	203.9	13	206.7	

Check Avg.	263.7	21.6	12.3	53.5	33713.0	0.0
Test Avg.	253.2	22.1	11.5	52.6	33116.0	0.2
LSD (0.05)	15.3	1.2	1.0	1.2	1481.0	NS
% C.V.	3.9	3.5	5.8	1.5	3.0	
Check Avg. + LSD (0.05)	279.0					

¹The 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									
Hybrid	2017	2018	2019	2020	2021	2022	2023	2024	2025
DKC60-90	145	148	150	152	155	158	160	162	165
DKC60-92	142	145	148	150	153	156	158	160	163
DKC60-94	140	143	145	148	150	153	155	158	160
DKC60-96	138	140	143	145	148	150	153	155	158
DKC60-98	135	138	140	143	145	148	150	153	155
DKC60-100	132	135	138	140	143	145	148	150	153
DKC60-102	130	132	135	138	140	143	145	148	150
DKC60-104	128	130	132	135	138	140	143	145	148
DKC60-106	125	128	130	132	135	138	140	143	145
DKC60-108	122	125	128	130	132	135	138	140	143
DKC60-110	120	122	125	128	130	132	135	138	140
DKC60-112	118	120	122	125	128	130	132	135	138
DKC60-114	115	118	120	122	125	128	130	132	135
DKC60-116	112	115	118	120	122	125	128	130	132
DKC60-118	110	112	115	118	120	122	125	128	130
DKC60-120	108	110	112	115	118	120	122	125	128
DKC60-122	105	108	110	112	115	118	120	122	125
DKC60-124	102	105	108	110	112	115	118	120	122
DKC60-126	100	102	105	108	110	112	115	118	120
DKC60-128	98	100	102	105	108	110	112	115	118
DKC60-130	95	98	100	102	105	108	110	112	115
DKC60-132	92	95	98	100	102	105	108	110	112
DKC60-134	90	92	95	98	100	102	105	108	110
DKC60-136	88	90	92	95	98	100	102	105	108
DKC60-138	85	88	90	92	95	98	100	102	105
DKC60-140	82	85	88	90	92	95	98	100	102
DKC60-142	80	82	85	88	90	92	95	98	100
DKC60-144	78	80	82	85	88	90	92	95	98
DKC60-146	75	78	80	82	85	88	90	92	95
DKC60-148	72	75	78	80	82	85	88	90	92
DKC60-150	70	72	75	78	80	82	85	88	90
DKC60-152	68	70	72	75	78	80	82	85	88
DKC60-154	65	68	70	72	75	78	80	82	85
DKC60-156	62	65	68	70	72	75	78	80	82
DKC60-158	60	62	65	68	70	72	75	78	80
DKC60-160	58	60	62	65	68	70	72	75	78
DKC60-162	55	58	60	62	65	68	70	72	75
DKC60-164	52	55	58	60	62	65	68	70	72
DKC60-166	50	52	55	58	60	62	65	68	70
DKC60-168	48	50	52	55	58	60	62	65	68

[illegible]

Table 10. Irrigated Corn Hybrid Performance Summary																
Plum Creek Farms, LLC (Sussex County) Laurel, Delaware																
Planted 4/26/2024 & Harvested September 13, Early-Medium Hybrids									Performance Ranking for				Pooled sites		Two Year	
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Yield Ave. Bu/A
Mid-Atlantic Seeds	MA8126VT2PRIB	216.9	20.5	10.6	53.1	33060.0	0.0	109.9	1	3	3	15	238.8	1	226.9	
Innvictis Seed Solutions	A1312VT2PRIB	216.8	19.5	11.1	53.7	33205.0	0.0	109.8	2	6	4	6	236.5	3	231.2	
DeKalb	DKC64-22RIB (Check)	213.5	19.0	11.3	56.0	33495.0	0.0	108.1	3	7	2	3	236.9	2	233.8	
Seed Consultants	SC1112AM	209.1	19.8	10.6	55.3	31610.0	0.0	105.9	4	5	11	12	231.5	5	222.4	241.9
Revere	1307 TC	203.1	18.8	10.8	55.7	32770.0	0.0	102.9	5	9	9	2	229.5	6	231.1	246.0
FS InVISION	FS 6107T RIB	203.0	18.7	10.9	55.6	31610.0	0.0	102.8	6	19	8	18	224.9	8	212.7	
AgVenture	AV3111	200.9	18.7	10.7	55.8	34510.0	0.0	101.7	7	12	5	21	228.8	7	214.2	
AgVenture	AV4112	198.8	19.1	10.4	54.9	32335.0	0.0	100.7	8	20	6	9	223.9	9	219.1	
Mid-Atlantic Seeds	MA6148PCE	188.3	19.3	9.8	55.2	32335.0	0.0	95.4	9	18	18	1	214.4	18	221.1	
Mid-Atlantic Seeds	MA6120PWE	187.5	20.1	9.3	52.7	31755.0	1.1	95.0	10	1	1	5	232.2	4	228.4	
Innvictis Seed Solutions	A1292VT2PRIB	186.9	19.0	9.9	54.7	31465.0	0.0	94.7	11	13	15	16	217.0	16	210.0	
Mid-Atlantic Seeds	MA8142VT2PRIB	186.8	19.3	9.7	56.5	32915.0	0.0	94.6	12	16	14	13	217.4	14	211.7	
FS InVISION	FS 6445V RIB	185.7	19.3	9.7	53.2	31465.0	0.9	94.1	13	10	13	8	220.1	11	216.5	
Seed Consultants	SC1135PCE	185.1	18.2	10.2	54.0	33060.0	0.0	93.8	14	11	19	11	216.7	17	212.4	
NK	NK1307-DV	182.7	20.7	8.8	52.4	31610.0	0.0	92.5	15	15	7	7	220.7	10	218.8	
DeKalb	DKC113-83RIB (Check)	181.3	19.3	9.4	54.7	32915.0	0.0	91.8	16	2	20	4	218.7	12	218.9	
NK	NK1188-AA	173.3	19.8	8.8	54.5	33060.0	0.0	87.8	17	17	17	20	211.1	19	201.1	229.2
Revere	113-T42	172.2	19.7	8.7	53.6	32915.0	0.0	87.2	18	8	12	14	217.7	13	211.3	
NK	NK1386-VZ	163.7	18.9	8.7	54.2	33930.0	0.0	82.9	19	14	21	19	205.4	20	197.1	
AgVenture	AV4713	162.5	18.5	8.8	55.0	33785.0	0.0	82.3	20	4	10	10	217.3	15	213.3	
NK	NK1228-AA	151.1	17.9	8.5	56.7	30160.0	0.5	76.5	21	21	16	22	199.8	21	192.1	
Mid-Atlantic Seeds	MA6131PWE	150.4	18.6	8.1	51.8	33205.0	0.0	76.2	22	22	22	17	175.0	22	175.7	
Check Avg.		197.4	19.2	10.3	55.3	33205.0	0.0									
Test Avg.		187.2	19.2	9.7	54.5	32599.0	0.1									
LSD (0.05)		23.4	0.9	1.2	2.7	NS	NS									
% C.V.		7.4	2.6	4.6	3.0	4.7										
Check Avg. + LSD (0.05)		220.8														

¹The 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 4/26/2024 & Harvested September 13, Medium Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	MA8199TRECRI	214.6	21.3	10.0	53.4	34220.0	0.0	113.3	1	6	1	8	245.3	1	239.8	
Revere	1839 TC	208.8	21.2	9.9	53.2	33640.0	0.0	110.3	2	1	2	4	243.1	2	239.8	
Dyna-Gro	D56TC44RIB	200.3	21.0	9.6	53.8	33350.0	0.0	105.8	3	2	9	5	228.8	5	228.5	
DeKalb	DKC68-35RIB (Check)	196.9	21.5	9.2	53.9	32625.0	0.0	104.0	4	5	3	10	235.8	3	232.1	
Mid-Atlantic Seeds	MA8154VT2PRI	193.2	20.1	9.6	54.4	32045.0	0.0	102.1	5	4	7	11	229.5	4	227.2	
Seed Consultants	SC1183AM	188.8	22.3	8.5	53.0	32625.0	0.0	99.7	6	7	12	7	219.9	8	220.9	237.8
Revere	1627 TC	181.8	20.4	8.9	53.8	32480.0	0.0	96.0	7	3	4	6	227.8	6	227.5	248.5
DeKalb	DKC66-06RIB (Check)	181.7	19.2	9.4	54.1	33205.0	0.0	96.0	8	9	5	1	224.1	7	228.9	
Innervictis Seed Solutions	A1542T	168.0	20.9	8.1	53.3	32190.0	0.0	88.8	9	10	8	3	216.8	10	221.0	
AgVenture	AV9318	163.3	19.9	8.2	55.2	33495.0	0.0	86.3	10	13	11	13	205.3	12	207.0	
Dyna-Gro	D58VC74	161.4	21.3	7.6	53.7	32335.0	0.0	85.2	11	8	6	2	217.2	9	222.7	
Mid-Atlantic Seeds	MA6153PCE	160.2	19.7	8.1	53.2	32770.0	0.0	84.6	12	12	10	9	206.8	11	210.5	
FS InVISION	FS 6549PC RA	154.4	19.6	7.9	53.2	32625.0	0.5	81.6	13	11	13	12	203.9	13	206.7	
	Check Avg.	189.3	20.4	9.3	54.0	32915.0	0.0									
	Test Avg.	182.6	20.6	8.8	53.7	32893.0	0.03									
	LSD (0.05)	24.5	1.1	1.2	NS	NS	NS									
	% C.V.	8.4	3.2	9.0	2.1	2.6										
	Check Avg. + LSD (0.05)	213.8														

¹The 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 12. Irrigated Corn Hybrid Performance Summary Carvel Research & Education Center (Sussex County) Georgetown, Delaware																
Planted 4/24/2024 & Harvested September 13, Early Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
DeKalb	DKC56-26RIB (Check)	224.8	17.3	13.0	55.1	33060.0	0.0	100.9	1	12	17	13	209.3	11	212.8	
Mid-Atlantic Seeds	MA8110TRECRI	221.4	19.3	11.5	55.3	33060.0	0.5	99.4	2	14	10	4	213.3	6	220.7	
DeKalb	DKC111-35RIB (Check)	220.7	17.6	12.6	57.8	34510.0	0.0	99.1	3	4	2	5	221.4	1	226.8	
Revere	0918 VT2P	220.1	18.5	11.9	54.3	32915.0	0.0	98.8	4	17	5	1	214.2	4	224.8	231.9
Seed Consultants	SC1093AM	209.9	17.6	11.9	55.4	32190.0	0.0	94.3	5	11	1	8	216.7	3	221.9	235.7
Seed Consultants	SC1084AM	209.7	18.0	11.7	56.5	32480.0	0.0	94.2	6	2	13	14	214.0	5	215.7	233.6
Dyna-Gro	D51VC95RIB	209.5	18.9	11.1	55.3	33640.0	0.0	94.1	7	1	11	6	219.3	2	224.4	
AgVenture	AV3505	205.3	16.9	12.2	56.6	33350.0	0.0	92.2	8	16	16	12	202.3	14	208.5	
Augusta	A2060	205.1	18.7	11.0	54.6	32915.0	0.0	92.1	9	10	7	11	211.2	9	215.4	
AgVenture	AV3904	205.0	17.5	11.7	54.8	33495.0	0.0	92.0	10	19	14	17	200.6	17	202.6	
AgVenture	AV3310	204.1	18.8	10.9	54.6	33495.0	0.0	91.6	11	20	6	7	203.8	13	212.4	
Mid-Atlantic Seeds	MA6094PCE	203.9	18.3	11.2	55.4	32480.0	0.0	91.5	12	13	4	2	211.3	8	221.5	238.9
AgVenture	AV5710	202.0	18.3	11.1	56.3	32770.0	0.0	90.7	13	9	8	3	209.7	10	219.4	
NK	NK0880-V	200.5	17.9	11.2	55.6	34365.0	0.0	90.0	14	15	18	15	198.0	19	202.1	
Revere	0518 VT2P	199.1	17.1	11.7	54.7	32045.0	0.0	89.4	15	7	20	20	197.2	20	196.7	
FS InVISION	FS 5835V RIB	196.8	18.9	10.5	55.6	31320.0	0.0	88.4	16	3	12	9	206.8	12	213.9	
Seed Consultants	SC1105PCE	196.5	18.2	10.8	56.3	33205.0	0.0	88.2	17	5	3	10	211.5	7	215.9	
Mid-Atlantic Seeds	MA6065PWE	196.0	18.3	10.7	52.5	32770.0	0.0	88.0	18	6	19	16	199.8	18	203.0	
Dyna-Gro	D49PN05RA	192.4	18.7	10.3	54.7	29145.0	0.0	86.4	19	18	9	18	201.7	16	203.4	
Innvisits Seed Solutions	A1072VT2P	192.1	17.8	10.8	54.0	33785.0	0.0	86.3	20	8	15	19	201.7	15	203.2	
Check Avg.		222.7	17.5	12.8	56.5	33785.0	0.0									
Test Avg.		205.7	18.1	11.4	55.2	32850.0	0.0									
LSD (0.05)		13.4	1.1	0.9	1.6	1777.7	NS									
% C.V.		4.4	3.9	5.3	1.9	3.1										
Check Avg. + LSD (0.05)		236.1														

¹The 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 4/24/2024 & Harvested September 13, Early-Medium Hybrids									Performance Ranking for				Pooled sites			
Brand	Hybrid	Yield Bu/A ¹	% Moisture	Yield/Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Mid-Atlantic Seeds	MA6120PWE	241.2	19.2	12.5	54.1	33350.0	0.0	102.3	1	10	1	5	232.2	4	228.4	
DeKalb	DKC113-83RIB (Check)	238.0	19.4	12.3	55.8	34800.0	0.4	101.0	2	16	20	4	218.7	12	218.9	
Mid-Atlantic Seeds	MA8126VT2PRIB	236.5	20.2	11.7	54.7	33495.0	0.0	100.3	3	1	3	15	238.8	1	226.9	
AgVenture	AV4713	235.3	20.2	11.6	55.5	34075.0	0.0	99.8	4	20	10	10	217.3	15	213.3	
Seed Consultants	SC1112AM	235.3	19.2	12.3	56.4	32625.0	0.0	99.8	5	4	11	12	231.5	5	222.4	241.9
Innqvictis Seed Solutions	A1312VT2PRIB	233.8	21.1	11.1	53.3	33205.0	0.4	99.2	6	2	4	6	236.5	3	231.2	
DeKalb	DKC64-22RIB (Check)	233.5	19.9	11.8	56.4	33930.0	0.0	99.1	7	3	2	3	236.9	2	233.8	
Revere	113-T42	232.5	18.6	12.5	55.6	33930.0	0.0	98.6	8	18	12	14	217.7	13	211.3	
Revere	1307 TC	231.3	19.0	12.2	55.4	32770.0	0.0	98.1	9	5	9	2	229.5	6	231.1	246.0
FS InVISION	FS 6445V RIB	228.5	20.6	11.1	54.5	33495.0	0.0	96.9	10	13	13	8	220.1	11	216.5	
Seed Consultants	SC1135PCE	227.9	19.5	11.7	55.5	35090.0	0.0	96.7	11	14	19	11	216.7	17	212.4	
AgVenture	AV3111	227.6	19.3	11.8	57.5	33350.0	0.0	96.5	12	7	5	21	228.8	7	214.2	
Innqvictis Seed Solutions	A1292VT2PRIB	224.0	18.9	11.9	56.9	32915.0	0.4	95.0	13	11	15	16	217.0	16	210.0	
NK	NK1386-VZ	223.8	18.6	12.0	56.3	34800.0	0.0	95.0	14	19	21	19	205.4	20	197.1	
NK	NK1307-DV	223.6	19.4	11.6	54.1	33640.0	0.4	94.9	15	15	7	7	220.7	10	218.8	
Mid-Atlantic Seeds	MA8142VT2PRIB	222.9	19.7	11.4	57.1	31610.0	0.0	94.6	16	12	14	13	217.4	14	211.7	
NK	NK1188-AA	221.8	19.6	11.3	56.0	33350.0	0.0	94.1	17	17	17	20	211.1	19	201.1	229.2
Mid-Atlantic Seeds	MA6148PCE	217.1	19.7	11.0	55.9	32915.0	0.0	92.1	18	9	18	1	214.4	18	221.1	
FS InVISION	FS 6107T RIB	216.3	19.1	11.4	53.8	32480.0	0.0	91.8	19	6	8	18	224.9	8	212.7	
AgVenture	AV4112	215.2	18.9	11.4	55.6	31755.0	0.0	91.3	20	8	6	9	223.9	9	219.1	
NK	NK1228-AA	209.6	18.3	11.5	57.5	33205.0	0.0	88.9	21	21	16	22	199.8	21	192.1	
Mid-Atlantic Seeds	MA6131PWE	182.0	19.6	9.3	53.7	32770.0	0.0	77.2	22	22	22	17	175.0	22	175.7	
Check Avg.		235.7	19.6	12.0	56.1	34365.0	0.2									
Test Avg.		225.3	19.4	11.6	55.5	33343.0	0.1									
LSD (0.05)		20.7	1.1	0.9	1.6	1366.0	NS									
% C.V.		6.1	3.6	5.0	1.9	2.6										
Check Avg. + LSD (0.05)		256.4														

¹The 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 4/24/2024 & Harvested September 13, Medium Hybrids										Performance Ranking for				Pooled sites		
Brand	Hybrid	Yield Bu/A	% Moisture	Yield/ Moisture	Test Weight	Final Pop	% Stalk 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	Two Year Yield Ave. Bu/A
Revere	1839 TC	248.8	22.5	11.1	53.0	33495.0	0.0	105.0	1	2	2	4	243.1	2	239.8	
Dyna-Gro	D56TC44RIB	242.5	20.4	11.9	55.8	33640.0	0.0	102.4	2	3	9	5	228.8	5	228.5	
Revere	1627 TC	241.4	21.4	11.3	54.5	33205.0	0.4	101.9	3	7	4	6	227.8	6	227.5	248.5
Mid-Atlantic Seeds	MA8154VT2PRIB	240.0	21.8	11.0	54.5	32480.0	0.0	101.3	4	5	7	11	229.5	4	227.2	
DeKalb	DKC68-35RIB (Check)	239.7	21.4	11.3	54.5	33205.0	0.0	101.2	5	4	3	10	235.8	3	232.1	
Mid-Atlantic Seeds	MA8199TRECIB	239.1	21.5	11.2	53.6	34365.0	0.0	101.0	6	1	1	8	245.3	1	239.8	
Seed Consultants	SC1183AM	235.0	21.5	11.0	53.9	33785.0	0.0	99.2	7	6	12	7	219.9	8	220.9	237.8
Dyna-Gro	D58VC74	234.6	21.8	10.8	54.5	32625.0	0.0	99.0	8	11	6	2	217.2	9	222.7	
DeKalb	DKC66-06RIB (Check)	234.0	20.7	11.3	54.1	32625.0	0.0	98.8	9	8	5	1	224.1	7	228.9	
Innkvictis Seed Solutions	A1542T	230.8	20.0	11.5	56.1	32915.0	0.0	97.4	10	9	8	3	216.8	10	221.0	
FS InVISION	FS 6549PC RA	225.2	21.7	10.4	54.6	33640.0	0.0	95.1	11	13	13	12	203.9	13	206.7	
Mid-Atlantic Seeds	MA6153PCE	221.7	21.3	10.4	54.4	33205.0	0.5	93.6	12	12	10	9	206.8	11	210.5	
AgVenture	AV9318	215.3	21.8	9.9	54.7	33205.0	0.0	90.9	13	10	11	13	205.3	12	207.0	

Check Avg.	236.8	21.0	11.3	54.3	32915.0	0.0
Test Avg.	234.4	21.4	11.0	54.5	33261.0	0.1
LSD (0.05)	NS	NS	0.7	NS	NS	NS
% C.V.	7.1	5.1	4.3	2.2	2.6	
Check Avg. + LSD (0.05)	261.9					

NS = not statistically significant at a 5% probability level