COOPERATIVE BULLETIN

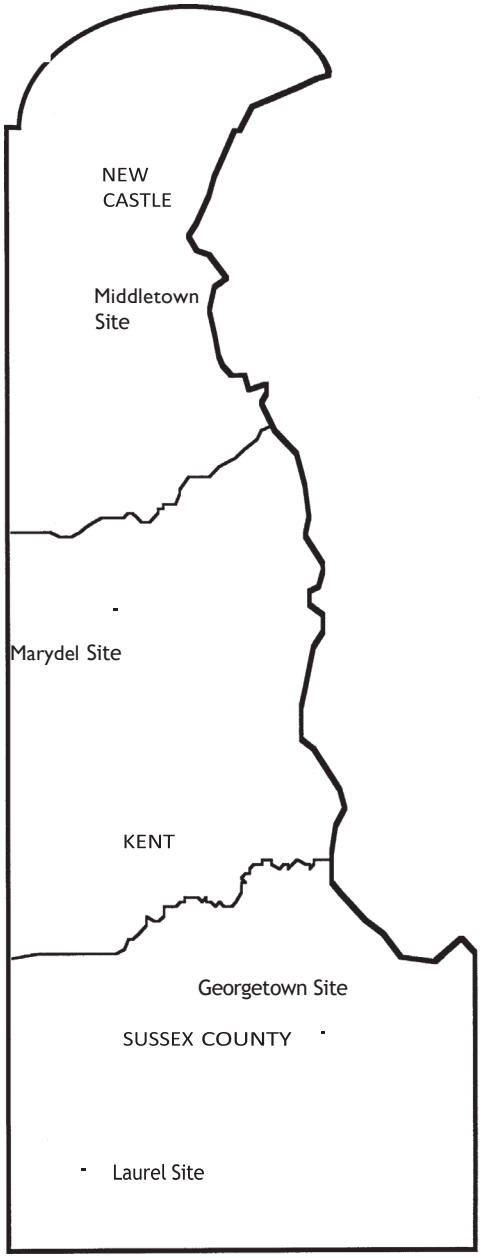
DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

2025

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

Cooperative Extension
Newark, DE 19716-2170

Test plot locations:



November 2025

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C O O P E R A T I V E B U L L E T I N

DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS

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DELAWARE HYBRID FIELD CORN PERFORMANCE TRIALS – 2025

The 2025 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. Twenty-eight hybrids were evaluated at four locations: Emerson Farms at **Middletown**, DE **39.4802 & -75.7092** (dryland), Thomas Family Farms at **Marydel**, DE **39.0805 & -75.7005** (center pivot irrigation), Plum Creek Farms, LLC at **Laurel**, DE **38.4943 & -75.6680** (center pivot irrigation) and Carvel Research & Education Center at **Georgetown**, DE **38.6302 & -75.4661** (lateral move irrigation). Hybrids were divided into three relative maturity groups: early 101-110 (5 entries), early-medium 111-114 (15 entries) and medium 115-120 days (8 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 ((Max. Temp + 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.

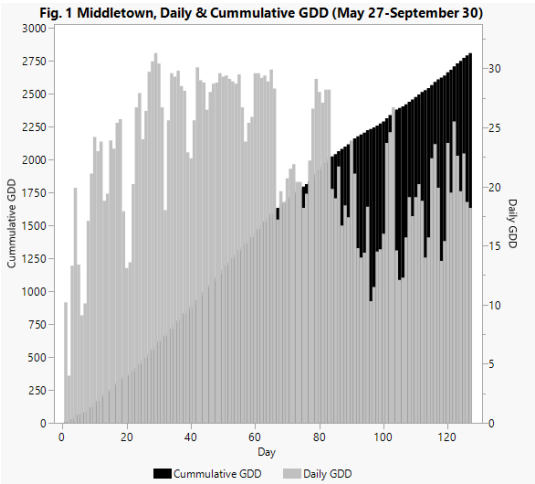
Summary of Results

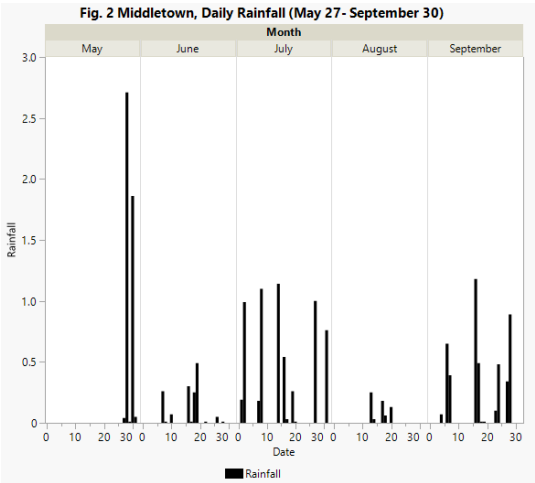
The 2025 growing season was characterized by moderate temperature and adequate moisture conditions during planting. The planting date was delayed due to some technical issues with our air planter. The yields were low, and this may have been due to the late planting and low heat units. We had bird damage during germination at Middletown that reduced the stand, and animal damage at the Laurel location, both of which have contributed to lower yields at these two locations. Harvest was delayed due to cooler weather which resulted in a slower dry down than normal for August. We had an extended dry period from June 20 to June 30 during the early growth stage particularly at the Middletown dryland location. The Middletown dryland location received a total of 0.07

inches of rain from June 20 to June 30 and 0.01 inches of rain from July 20 to July 26, which is at the time of early growth development and start of flowering period, respectively. The Middletown dryland location received 0 inches of rain from August 1 to 12 and from August 21 to 31 and this may have affected the flowering and grain feeling, respectively, for the medium maturity group in particular.

In 2025, the Delaware corn hybrid performance yield tests averaged 210, 202 and 203 bu/A compared to the 2024 yield which averaged 208, 220 and 223 bu/A across the three irrigated locations for the early, early-medium and medium maturity groups, respectively. In the dryland location, average yields in 2025 were 194, 194, 139 bu/A for the early, early-medium and medium maturity groups, respectively. The corresponding average yields in 2024 were 228, 199 and 226 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 2025 was 5.5% lower than in 2024, and in the dryland location it was 19.3% lower than in 2024. The grain yield averaged across all locations and maturity groups was 12.4% lower than in 2024. These yield reductions could be related to the later planting and fewer accumulated heat units in 2025.

Middletown: The average soil temperature at Townsend, DE-REC the nearest station to Emerson Farms, New Castle County; dryland location, in April was 55.6 °F and 64.4 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 142.2 GDD was accumulated in the ten days after planting (May 27) and hence the germination was accelerated. The cumulative GDD for the hybrids with the relative maturity of 101-110, 111-114 & 115-120 was 2310-2472, 2492-2541 & 2563-2659, respectively (Figure 1 & Table 2). Middletown, the dryland location received a total of 7.25, 1.46, 6.2 and 0.65 inches of rainfall in May, June, July, and August, respectively. It received 0.34 inches of rainfall from June 1 to June 15. A total of 0.07 inches of rainfall was received from June 20-30 and 0.84 inches of rainfall from July 15-26. This low rainfall in late June and mid-July might have affected the early growth development and the pollination period. In addition, this location received 0 inches of rainfall from August 1-12 and August 21-31, and this 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 & Table 2).

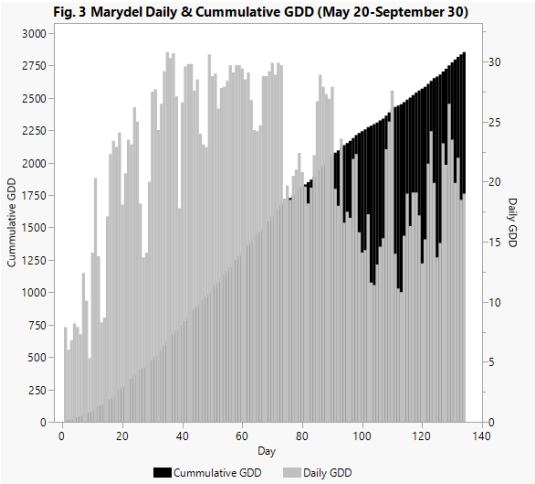


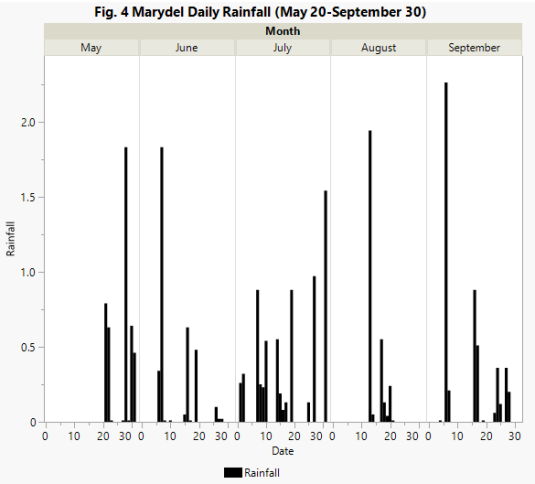


The yield at the Middletown dryland testing location was low particularly for the medium maturity group. This field had some bird damage during germination and was also planted a little late due to some technical problems with our air planter. This dryland location received a total of 0.01 inches of rain from July 20 to July 26, 0 inches of rain from August 1 to 12 and August 21 to 31 and this may have affected the flowering and grain feeling, respectively. These could have been why the yield for the medium maturity group was low.

Yields at the Middletown dryland location averaged 194, 194 and 139 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 180, 195 and 127 bu/A, respectively (Tables 3, 4 and 5). There were significant differences among hybrids for yield, yield over moisture, and test weight for the early maturity group. There were significant differences among hybrids for test weight and plant population for the early-medium. In the medium maturity group, there was a significant difference among hybrids for yield, grain moisture, yield over moisture and test weight. 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 57.5 °F and 66.9°F in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. In the ten days after planting (May 20), 85.9 GDD was accumulated 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 2257-2416, 2430-2467 and 2486-2571, respectively (Figure 3 & Table 2). Marydel received a total of 6.83, 3.5, 6.95 and 2.96 inches of rainfall in May, June, July and August, respectively (Figure 4 & Table 2).

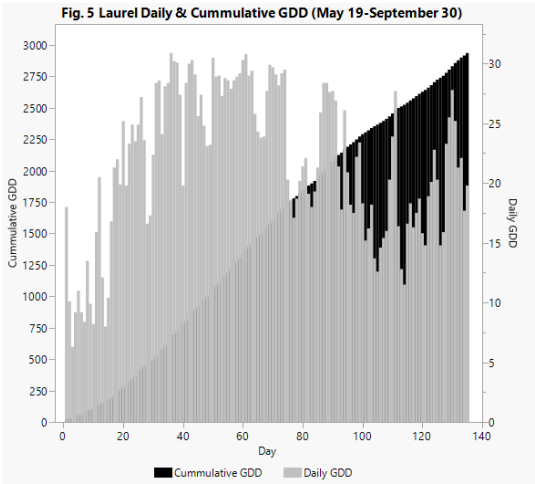


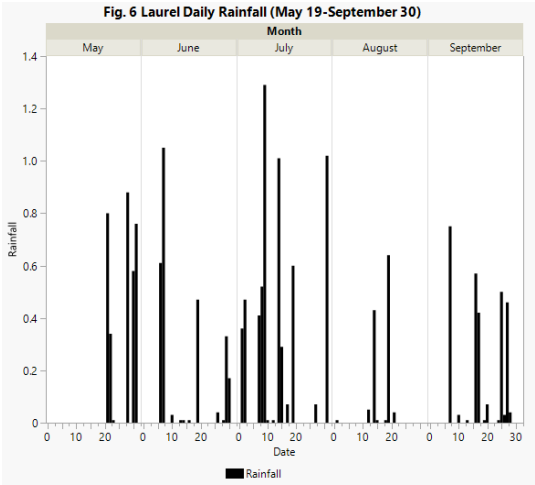


Yields at the Marydel location averaged 226, 233 and 224 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 214, 230 and 224 bu/A, respectively (Tables 6, 7 and 8). There were significant differences among hybrids for grain moisture, and test weight for the early maturity group. Significant differences among hybrids were also observed for yield, grain moisture, yield over moisture and test weight for the early-

medium maturity group. In the medium maturity group, there was a significant difference among hybrids for yield, grain moisture, test weight, and plant population. Overall, there was some stalk lodging and no root lodging across all the maturity groups.

Laurel: The average soil temperature data at Laurel, DE-Airport the nearest station to Plum Creek Farms, LLC, Sussex County irrigated location was not available at the Delaware Environmental Observing System (DEOS); however, at Georgetown the closest station to this location the soil temperature in April was 59.0 °F and 68.2°F in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 103.7 GDD was accumulated in the ten days after planting (May 19) 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 2305-2456, 2484-2524 and 2541-2628, respectively (Figure 5 & Table 2). Laurel received a total of 6.77, 2.74, 6.13 and 1.19 inches of rainfall in May, June, July, and August, respectively (Figure 6 & Table 2).

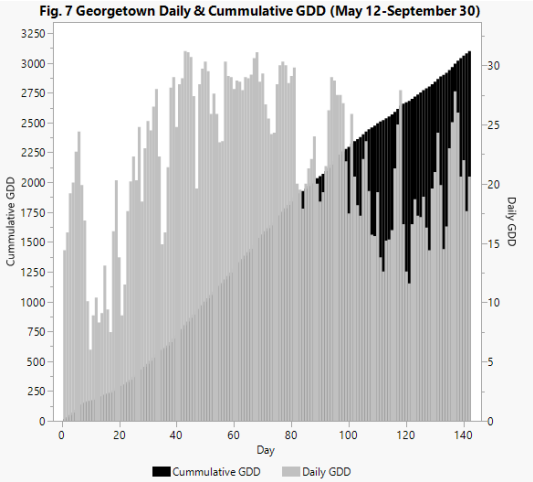


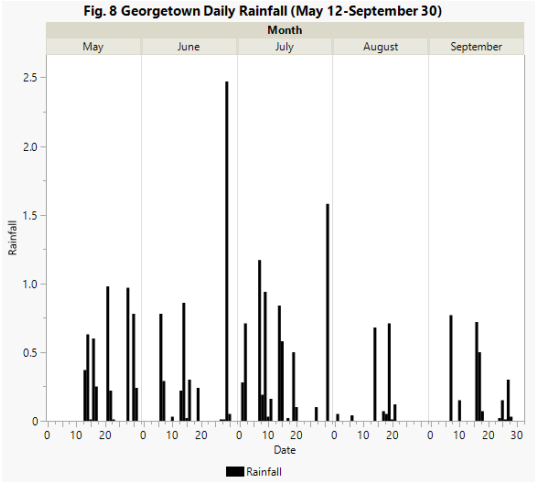


The yield at the Laurel testing location was low for an irrigated site. This was because the field had some animal damage and was also planted a little late due to some technical problems with our air planter. Yields at the Laurel location averaged 184, 161 and 178 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 182, 173 and 190 bu/A, respectively (Tables 9, 10, and 11). There were significant differences among hybrids in grain moisture, and test weight for the early maturity group. There were significant differences among hybrids in yield, grain moisture, yield over moisture and test weight for the early-medium and medium maturity groups. Also in the medium maturity group, there were significant differences in plant population and stalk lodging. At 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 59.0 °F and 68.2 in May. This soil temperature was above the minimum 50 °F soil temperature required for corn germination. A 169.3 GDD was accumulated in the first ten

days after planting (May 12) 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 2324-2495, 2509-2552 and 2568-2671, respectively (Figure 7 & Table 2). Georgetown received a total of 6.26, 5.28, 7.2 and 1.73 inches of rainfall in May, June, July and August, respectively (Figure 8 & Table 2).





Yields at the Georgetown location averaged 220, 212 and 208 bu/A for the early, early-medium and medium maturity groups, respectively, compared to the check means of 212, 201 and 207 bu/A, respectively (Tables 12, 13 and 14). In the early maturity group, there were significant differences among hybrids for grain moisture, test weight, and plant population. There were significant differences among hybrids for yield, grain moisture, test weight, and plant population in the early-medium maturity group. In the medium maturity group, there were significant differences in yield and grain moisture. At 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) 39.0805 & -75.7005	Plum Creek Farms, LLC – Laurel (Irrigated) 38.4943 & -75.6650	Carvel REC - Georgetown (Irrigated) 38.6302 & -75.4661
Number of entries	28	28	28	28
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 27	May 20	May 19	May 12
Harvest date	October 23	October 10	October 7	October 6
Soil type	Matapeake silt loam	Sandy loam	Sandy loam	Rosedale loamy sand
Previous crop	Soybean	Soybean	Corn	Soybean
Cover crop	None	None	None	Rye
Tillage practices	Ripped, field cultivator	Ripped, field cultivator	No till	Disk, chisel plow, field cultivator
Cultivation	None	None	None	None
Poultry Manure	None	3 tons/A	3 tons/A	3 tons/A
Fertilization	15 gallons/A of 20-10-0-1s (N-P_2O_5-K_2O-s) starter 2”x2” (32 lb N & 36 lb P). At V4 –V5 stage side-dressed with 70 gallons/A of 27-0-0-6s (203 lb N).	15 gallons/A of 20-10-0-1s (N-$P_2O_5K_2O$) 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)	15 gallons/A of 20-10-0-1s (N-$P_2O_5K_2O$) starter 2”x2” (32 lb N & 36 lb P). At V4 –V5 stage side-dressed with 70 gallons/A of 27-0-0-6s (203 lb N) and 10 gallons/A of NSUL fertigation	15 gallons/A of 20-10-0-1s (N-$P_2O_5K_2O$) starter 2”x2” (32 lb N & 36 lb P) starter. At V4-V5 stage side-dressed with 70 gallons/A of 27-0-0-6s (203 lb N). 350 lb of 7-0-40 broadcast.
Herbicide	Lexar 3.5 qt/A, simazine 1 qt/A, roundup 1 qt/A & liberty 40 oz/A pre-emergence	Lexar 3.5 qt/A, simazine 1 qt/A, roundup 1 qt/A & liberty 40 oz/A pre-emergence.	Lexar 3 qt/A, simazine 1 qt/A, roundup 1 qt/A & liberty 40 oz/A pre-emergence.	Lexar 3 qt/A & simazine 1 qt/A pre-emergence.
Insecticide	Sniper LFR 9 oz/A in starter	Sniper LFR 9 oz/A in starter	Sniper LFR 9 oz/A in starter	Sniper LFR 9 oz/A in starter
Irrigation	None	Center pivot	Center pivot	Lateral move

Delaware corn hybrid variety performance trial entries:

Company/Brand	Hybrid	Trait	Seed treatment	RMD	Maturity Group
Innvictis	X1015PWE	PowerCore Enlist	P250	110	Early
Innvictis	X1035T	Trecepta	P250	110	Early
Augusta	A2060	PWE	C250	110	Early
Seed Consultants	SC1086PCE	PCE	L1250	108	Early
Seed Consultants	SC1105PCE	PCE	L1250	110	Early
DeKalb	DKC111-35RIB (Check)	VTDoublePro		111	Early
DeKalb	DKC56-26RIB (Check)	Trecepta		106	Early
Innvictis	A1254T	Trecepta	P250	112	Early-Medium
Innvictis	A1292VT2P	VT2P	P250	112	Early-Medium
Innvictis	A1312VT2P	VT2P	P250	113	Early-Medium
Innvictis	A1414T	Trecepta	P250	114	Early-Medium
Innvictis	X1235PWE	PowerCore Enlist	P250	112	Early-Medium
Augusta	4862	PWE	C250	112	Early-Medium
Seed Consultants	SC1116PCE	PCE	L1250	111	Early-Medium
Seed Consultants	SC1135PCE	PCE	L1250	113	Early-Medium
FS InVISION	FS 6157T RIB	TRE RIB	PV 500	111	Early-Medium
FS InVISION	FS 6349PC RA	PWRA	PV 500	112	Early-Medium
FS InVISION	FS 6445V RIB	VT2P RIB	PV 500	114	Early-Medium
Dyna-Gro	D52TC66RIB	Trecepta	PV 500	112	Early-Medium
Mid-Atlantic Seeds	MA6120PCE	PCE	CVV250	112	Early-Medium
Mid-Atlantic Seeds	MA6106PCE	PCE	CVV250	112	Early-Medium
Mid-Atlantic Seeds	MA6148PCE	PCE	CVV250	112	Early-Medium

DeKalb	DKC113-83RIB (Check)	Trecepta		113	Early-Medium
DeKalb	DKC64-22RIB (Check)	VT DoublePro		114	Early-Medium
Innvictis	A1542T	Trecepta	P250	115	Medium
Innvictis	A1551VT2P	VT2P	P250	115	Medium
Seed Consultants	SC1166PCUE	PCUE	L1250	116	Medium
Seed Consultants	SC1185V		L1250	118	Medium
FS InVISION	FS 6747T RIB	TRE RIB	PV 500	117	Medium
Dyna-Gro	D55TC86RIB	Trecepta	PV 500	115	Medium
Dyna-Gro	D60TC45RIB	Trecepta	PV 500	120	Medium
Mid-Atlantic Seeds	MA8199TRECRIB	TRECRIB	A250	119	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
Dyna-Gro Seed	319 Jf Edwards Dr, Geneseo, IL 61254	937-459-2529	www.dynagro.com
Mid-Atlantic Seeds	204 St. Charles Way #163E York, PA 17402	717-852-8894	www.midatlanticseeds.com
Seed Consultants, Inc.	648 Miami trace Road SW, Washington Court House, OH 43160	570-980-3906	www.seedconsultants.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 2025 Delaware corn hybrid performance test

Location	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	May	27	1	10.2	10.2	0.04		Townsend	June	1	6	9.1	69.8	0.00
Townsend	May	28	2	4.0	14.2	2.71		Townsend	June	2	7	10.1	79.9	0.00
Townsend	May	29	3	13.3	27.5	0.01		Townsend	June	3	8	17.1	96.9	0.00
Townsend	May	30	4	19.9	47.4	1.86		Townsend	June	4	9	21.1	118.0	0.00
Townsend	May	31	5	13.4	60.7	0.05		Townsend	June	5	10	24.2	142.2	0.00
								Townsend	June	6	11	23.0	165.1	0.00
								Townsend	June	7	12	23.8	188.9	0.26
								Townsend	June	8	13	18.8	207.6	0.01
								Townsend	June	9	14	19.4	227.0	
								Townsend	June	10	15	23.9	250.9	0.07
								Townsend	June	11	16	23.2	274.0	0.00
								Townsend	June	12	17	25.4	299.4	0.00
								Townsend	June	13	18	25.7	325.1	0.00
								Townsend	June	14	19	17.9	342.9	0.00
								Townsend	June	15	20	13.1	356.0	0.00
								Townsend	June	16	21	13.6	369.6	0.30
								Townsend	June	17	22	20.2	389.7	0.01
								Townsend	June	18	23	26.7	416.4	0.25
								Townsend	June	19	24	27.9	444.3	0.49
								Townsend	June	20	25	24.0	468.3	0.00
								Townsend	June	21	26	26.4	494.7	0.00
								Townsend	June	22	27	29.7	524.3	0.01
								Townsend	June	23	28	30.6	554.9	0.00
								Townsend	June	24	29	31.3	586.1	0.00
								Townsend	June	25	30	30.4	616.5	0.00
								Townsend	June	26	31	26.7	643.1	0.05
								Townsend	June	27	32	18.0	661.1	0.00
								Townsend	June	28	33	25.6	686.6	0.01
								Townsend	June	29	34	29.6	716.2	0.00
								Townsend	June	30	35	29.3	745.5	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	July	1	36	29.8	775.3	0.19		Townsend	August	1	67	17.2	1630.7	0.00
Townsend	July	2	37	28.5	803.8	0.99		Townsend	August	2	68	19.6	1650.3	0.00
Townsend	July	3	38	28.1	831.9	0.00		Townsend	August	3	69	18.7	1669.0	0.00
Townsend	July	4	39	22.9	854.8	0.00		Townsend	August	4	70	20.7	1689.7	0.00
Townsend	July	5	40	22.4	877.2	0.00		Townsend	August	5	71	21.5	1711.2	0.00
Townsend	July	6	41	25.6	902.8	0.00		Townsend	August	6	72	21.9	1733.1	0.00
Townsend	July	7	42	30.1	932.8	0.18		Townsend	August	7	73	20.4	1753.5	0.00
Townsend	July	8	43	29.0	961.8	1.10		Townsend	August	8	74	20.4	1773.9	0.00
Townsend	July	9	44	28.8	990.6			Townsend	August	9	75	18.2	1792.1	0.00
Townsend	July	10	45	26.5	1017.1			Townsend	August	10	76	19.4	1811.4	0.00
Townsend	July	11	46	28.0	1045.1	0.00		Townsend	August	11	77	22.2	1833.6	0.00
Townsend	July	12	47	28.7	1073.8	0.00		Townsend	August	12	78	26.6	1860.2	0.00
Townsend	July	13	48	28.8	1102.6	0.00		Townsend	August	13	79	29.1	1889.2	0.25
Townsend	July	14	49	29.6	1132.2	1.14		Townsend	August	14	80	28.0	1917.2	0.03
Townsend	July	15	50	29.3	1161.4	0.00		Townsend	August	15	81	27.1	1944.2	0.00
Townsend	July	16	51	29.4	1190.8	0.54		Townsend	August	16	82	28.2	1972.4	0.00
Townsend	July	17	52	29.1	1219.9	0.03		Townsend	August	17	83	28.2	2000.6	0.18
Townsend	July	18	53	28.9	1248.8	0.00		Townsend	August	18	84	19.8	2020.4	0.06
Townsend	July	19	54	28.7	1277.5	0.26		Townsend	August	19	85	19.0	2039.4	0.00
Townsend	July	20	55	29.5	1307.0	0.01		Townsend	August	20	86	21.7	2061.1	0.13
Townsend	July	21	56	26.7	1333.7	0.00		Townsend	August	21	87	16.7	2077.8	0.00
Townsend	July	22	57	23.8	1357.5	0.00		Townsend	August	22	88	18.4	2096.2	0.00
Townsend	July	23	58	25.4	1382.9	0.00		Townsend	August	23	89	17.4	2113.5	0.00
Townsend	July	24	59	25.9	1408.8	0.00		Townsend	August	24	90	23.9	2137.4	0.00
Townsend	July	25	60	29.6	1438.3	0.00		Townsend	August	25	91	21.1	2158.5	0.00
Townsend	July	26	61	29.6	1467.9	0.00		Townsend	August	26	92	14.8	2173.3	0.00
Townsend	July	27	62	29.2	1497.1	1.00		Townsend	August	27	93	14.0	2187.3	0.00
Townsend	July	28	63	29.4	1526.4	0.00		Townsend	August	28	94	14.4	2201.6	0.00
Townsend	July	29	64	28.9	1555.3	0.00		Townsend	August	29	95	18.3	2219.9	0.00
Townsend	July	30	65	29.9	1585.2	0.00		Townsend	August	30	96	10.3	2230.1	0.00
Townsend	July	31	66	28.3	1613.5	0.76		Townsend	August	31	97	11.5	2241.6	0.00

Table 2 continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Townsend	September	1	98	14.5	2256.1	0.00
Townsend	September	2	99	14.7	2270.8	0.00
Townsend	September	3	100	16.0	2286.8	0.00
Townsend	September	4	101	23.7	2310.4	0.07
Townsend	September	5	102	24.6	2335.0	0.00
Townsend	September	6	103	26.7	2361.7	0.65
Townsend	September	7	104	14.6	2376.3	0.39
Townsend	September	8	105	12.1	2388.4	0.00
Townsend	September	9	106	12.3	2400.6	0.00
Townsend	September	10	107	15.7	2416.3	0.00
Townsend	September	11	108	19.1	2435.3	0.00
Townsend	September	12	109	17.5	2452.8	0.00
Townsend	September	13	110	19.1	2471.9	0.00
Townsend	September	14	111	20.2	2492.1	0.00
Townsend	September	15	112	18.8	2510.9	0.00
Townsend	September	16	113	14.0	2524.8	1.18
Townsend	September	17	114	15.7	2540.5	0.49
Townsend	September	18	115	22.4	2562.9	0.01
Townsend	September	19	116	23.6	2586.4	0.01
Townsend	September	20	117	19.9	2606.3	0.00
Townsend	September	21	118	13.7	2619.9	0.00
Townsend	September	22	119	15.4	2635.3	0.00
Townsend	September	23	120	23.7	2658.9	0.10
Townsend	September	24	121	19.5	2678.4	0.48
Townsend	September	25	122	25.5	2703.9	
Townsend	September	26	123	22.6	2726.5	
Townsend	September	27	124	19.6	2746.0	0.34
Townsend	September	28	125	22.8	2768.8	0.89
Townsend	September	29	126	18.7	2787.5	0.00
Townsend	September	30	127	18.2	2805.7	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	May	20	1	7.9	7.9	0.00
Dover	May	21	2	6.0	13.9	0.79
Dover	May	22	3	6.8	20.7	0.63
Dover	May	23	4	8.2	28.9	0.01
Dover	May	24	5	7.9	36.7	0.00
Dover	May	25	6	7.3	44.0	0.00
Dover	May	26	7	12.4	56.4	0.00
Dover	May	27	8	10.1	66.5	0.01
Dover	May	28	9	5.3	71.8	1.83
Dover	May	29	10	14.1	85.9	0.01
Dover	May	30	11	20.3	106.2	0.64
Dover	May	31	12	13.8	119.9	0.46

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	June	1	13	8.3	128.2	0.00
Dover	June	2	14	8.7	136.9	0.00
Dover	June	3	15	17.1	153.9	0.00
Dover	June	4	16	22.3	176.2	0.00
Dover	June	5	17	23.4	199.6	0.00
Dover	June	6	18	22.9	222.5	0.34
Dover	June	7	19	24.1	246.5	1.83
Dover	June	8	20	18.1	264.6	0.01
Dover	June	9	21	20.7	285.3	
Dover	June	10	22	23.5	308.8	0.01
Dover	June	11	23	23.1	331.9	0.00
Dover	June	12	24	26.2	358.1	0.00
Dover	June	13	25	25.0	383.1	0.00
Dover	June	14	26	18.2	401.2	0.00
Dover	June	15	27	13.7	414.9	0.05
Dover	June	16	28	14.1	428.9	0.63
Dover	June	17	29	20.0	448.9	0.01
Dover	June	18	30	27.5	476.4	0.00
Dover	June	19	31	27.7	504.1	0.48
Dover	June	20	32	24.3	528.4	0.00
Dover	June	21	33	26.5	554.9	0.00
Dover	June	22	34	29.2	584.1	0.00
Dover	June	23	35	30.8	614.9	0.00
Dover	June	24	36	30.3	645.2	0.00
Dover	June	25	37	30.7	675.9	0.00
Dover	June	26	38	27.1	702.9	0.10
Dover	June	27	39	17.8	720.7	0.02
Dover	June	28	40	26.6	747.2	0.02
Dover	June	29	41	29.6	776.8	0.00
Dover	June	30	42	29.8	806.6	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	July	1	43	29.8	836.4	0.26		Dover	August	1	74	18.6	1689.4	0.00
Dover	July	2	44	27.6	864.0	0.32		Dover	August	2	75	19.7	1709.1	0.00
Dover	July	3	45	28.5	892.5	0.00		Dover	August	3	76	18.5	1727.6	0.00
Dover	July	4	46	24.0	916.5	0.00		Dover	August	4	77	20.5	1748.0	0.00
Dover	July	5	47	23.1	939.5	0.00		Dover	August	5	78	21.0	1769.0	0.00
Dover	July	6	48	22.9	962.4	0.00		Dover	August	6	79	22.4	1791.3	0.00
Dover	July	7	49	30.6	993.0	0.88		Dover	August	7	80	20.8	1812.1	0.00
Dover	July	8	50	28.8	1021.8	0.25		Dover	August	8	81	19.6	1831.7	0.00
Dover	July	9	51	29.0	1050.7	0.23		Dover	August	9	82	18.2	1849.8	0.00
Dover	July	10	52	26.1	1076.8	0.54		Dover	August	10	83	19.5	1869.3	0.00
Dover	July	11	53	27.8	1104.6	0.00		Dover	August	11	84	22.2	1891.4	0.00
Dover	July	12	54	27.9	1132.5	0.00		Dover	August	12	85	26.7	1918.1	0.00
Dover	July	13	55	28.4	1160.9	0.00		Dover	August	13	86	28.9	1946.9	1.94
Dover	July	14	56	29.7	1190.6	0.55		Dover	August	14	87	27.9	1974.8	0.05
Dover	July	15	57	29.1	1219.7	0.19		Dover	August	15	88	27.3	2002.0	0.00
Dover	July	16	58	29.7	1249.4	0.08		Dover	August	16	89	26.9	2028.9	0.00
Dover	July	17	59	29.7	1279.1	0.13		Dover	August	17	90	27.9	2056.8	0.55
Dover	July	18	60	29.4	1308.4	0.00		Dover	August	18	91	19.4	2076.1	0.13
Dover	July	19	61	28.5	1336.9	0.88		Dover	August	19	92	18.0	2094.1	0.04
Dover	July	20	62	29.1	1366.0	0.00		Dover	August	20	93	23.6	2117.7	0.24
Dover	July	21	63	26.8	1392.7	0.00		Dover	August	21	94	16.6	2134.3	0.01
Dover	July	22	64	24.3	1417.0	0.00		Dover	August	22	95	17.5	2151.8	0.00
Dover	July	23	65	24.2	1441.2	0.00		Dover	August	23	96	17.0	2168.8	0.00
Dover	July	24	66	24.7	1465.8	0.00		Dover	August	24	97	21.9	2190.7	0.00
Dover	July	25	67	28.8	1494.6	0.13		Dover	August	25	98	22.3	2213.0	0.00
Dover	July	26	68	28.8	1523.4	0.00		Dover	August	26	99	15.8	2228.7	0.00
Dover	July	27	69	29.2	1552.6	0.97		Dover	August	27	100	14.1	2242.8	0.00
Dover	July	28	70	29.9	1582.5	0.00		Dover	August	28	101	14.3	2257.0	0.00
Dover	July	29	71	28.9	1611.3	0.00		Dover	August	29	102	17.3	2274.3	0.00
Dover	July	30	72	29.9	1641.2	0.00		Dover	August	30	103	11.6	2285.9	0.00
Dover	July	31	73	29.7	1670.8	1.54		Dover	August	31	104	11.4	2297.3	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Dover	September	1	105	13.1	2310.4	0.00
Dover	September	2	106	14.6	2325.0	0.00
Dover	September	3	107	15.3	2340.3	0.00
Dover	September	4	108	22.7	2362.9	0.01
Dover	September	5	109	25.0	2387.9	0.00
Dover	September	6	110	27.6	2415.5	2.26
Dover	September	7	111	14.0	2429.5	0.21
Dover	September	8	112	11.1	2440.5	0.00
Dover	September	9	113	10.8	2451.3	0.00
Dover	September	10	114	15.5	2466.8	0.00
Dover	September	11	115	19.0	2485.8	0.00
Dover	September	12	116	16.3	2502.1	0.00
Dover	September	13	117	19.1	2521.2	0.00
Dover	September	14	118	19.1	2540.2	0.00
Dover	September	15	119	17.2	2557.4	0.00
Dover	September	16	120	13.2	2570.6	0.88
Dover	September	17	121	15.2	2585.8	0.51
Dover	September	18	122	21.5	2607.3	0.00
Dover	September	19	123	24.2	2631.5	0.01
Dover	September	20	124	19.9	2651.3	0.00
Dover	September	21	125	13.7	2665.0	0.00
Dover	September	22	126	14.9	2679.9	0.00
Dover	September	23	127	23.2	2703.0	0.06
Dover	September	24	128	21.4	2724.4	0.36
Dover	September	25	129	26.5	2750.9	0.12
Dover	September	26	130	23.5	2774.4	0.00
Dover	September	27	131	19.9	2794.2	0.36
Dover	September	28	132	22.0	2816.2	0.20
Dover	September	29	133	18.5	2834.6	0.00
Dover	September	30	134	19.0	2853.6	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	May	19	1	18.0	18.0	0.00
Laurel	May	20	2	10.1	28.1	0.00
Laurel	May	21	3	6.3	34.3	0.80
Laurel	May	22	4	9.2	43.5	0.34
Laurel	May	23	5	11.0	54.5	0.01
Laurel	May	24	6	9.2	63.7	0.00
Laurel	May	25	7	8.4	72.1	0.00
Laurel	May	26	8	13.5	85.6	0.00
Laurel	May	27	9	9.9	95.5	0.00
Laurel	May	28	10	8.2	103.7	0.88
Laurel	May	29	11	15.9	119.5	0.00
Laurel	May	30	12	20.5	140.0	0.58
Laurel	May	31	13	12.1	152.1	0.76

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	June	1	14	8.0	160.1	0.00
Laurel	June	2	15	10.4	170.5	0.00
Laurel	June	3	16	16.8	187.3	0.00
Laurel	June	4	17	21.3	208.6	0.00
Laurel	June	5	18	22.0	230.5	0.00
Laurel	June	6	19	19.9	250.4	0.61
Laurel	June	7	20	25.2	275.6	1.05
Laurel	June	8	21	19.8	295.3	0.00
Laurel	June	9	22	23.3	318.6	
Laurel	June	10	23	24.9	343.5	0.03
Laurel	June	11	24	23.5	367.0	0.00
Laurel	June	12	25	24.9	391.9	0.00
Laurel	June	13	26	27.2	419.0	0.01
Laurel	June	14	27	23.6	442.6	0.01
Laurel	June	15	28	16.6	459.1	0.00
Laurel	June	16	29	17.3	476.4	0.01
Laurel	June	17	30	22.4	498.7	0.00
Laurel	June	18	31	28.4	527.1	0.00
Laurel	June	19	32	28.6	555.7	0.47
Laurel	June	20	33	24.1	579.8	0.00
Laurel	June	21	34	28.1	607.9	0.00
Laurel	June	22	35	28.4	636.2	0.00
Laurel	June	23	36	30.9	667.1	0.00
Laurel	June	24	37	30.2	697.3	0.00
Laurel	June	25	38	30.1	727.3	0.00
Laurel	June	26	39	27.4	754.7	0.04
Laurel	June	27	40	19.8	774.4	0.00
Laurel	June	28	41	28.4	802.8	0.01
Laurel	June	29	42	30.0	832.8	0.33
Laurel	June	30	43	30.3	863.1	0.17

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	July	1	44	29.1	892.2	0.36		Laurel	August	1	75	20.3	1744.2	0.01
Laurel	July	2	45	25.6	917.8	0.47		Laurel	August	2	76	18.6	1762.8	0.00
Laurel	July	3	46	27.4	945.1	0.00		Laurel	August	3	77	17.1	1779.9	0.00
Laurel	July	4	47	24.8	969.9	0.00		Laurel	August	4	78	18.7	1798.6	0.00
Laurel	July	5	48	23.1	993.0	0.00		Laurel	August	5	79	20.2	1818.7	0.00
Laurel	July	6	49	23.2	1016.2	0.00		Laurel	August	6	80	21.4	1840.1	0.00
Laurel	July	7	50	30.5	1046.7	0.41		Laurel	August	7	81	22.1	1862.2	0.00
Laurel	July	8	51	28.9	1075.5	0.52		Laurel	August	8	82	19.1	1881.2	0.00
Laurel	July	9	52	29.0	1104.5	1.29		Laurel	August	9	83	18.0	1899.2	0.00
Laurel	July	10	53	27.3	1131.8	0.01		Laurel	August	10	84	19.3	1918.5	0.00
Laurel	July	11	54	28.8	1160.6	0.00		Laurel	August	11	85	21.3	1939.8	0.00
Laurel	July	12	55	28.6	1189.2	0.01		Laurel	August	12	86	25.9	1965.6	0.05
Laurel	July	13	56	27.9	1217.0	0.00		Laurel	August	13	87	28.4	1994.0	0.00
Laurel	July	14	57	28.6	1245.6	1.01		Laurel	August	14	88	28.4	2022.3	0.43
Laurel	July	15	58	28.9	1274.5	0.29		Laurel	August	15	89	27.6	2049.9	0.01
Laurel	July	16	59	29.2	1303.7	0.00		Laurel	August	16	90	27.7	2077.6	0.00
Laurel	July	17	60	30.3	1334.0	0.07		Laurel	August	17	91	26.9	2104.4	0.00
Laurel	July	18	61	30.8	1364.8	0.00		Laurel	August	18	92	21.4	2125.8	0.01
Laurel	July	19	62	29.0	1393.7	0.60		Laurel	August	19	93	17.8	2143.6	0.64
Laurel	July	20	63	29.4	1423.1	0.00		Laurel	August	20	94	26.1	2169.7	0.00
Laurel	July	21	64	25.8	1448.8	0.00		Laurel	August	21	95	20.9	2190.5	0.04
Laurel	July	22	65	24.3	1473.1	0.00		Laurel	August	22	96	18.2	2208.7	0.00
Laurel	July	23	66	23.8	1496.9	0.00		Laurel	August	23	97	17.5	2226.2	0.00
Laurel	July	24	67	23.9	1520.8	0.00		Laurel	August	24	98	22.2	2248.4	0.00
Laurel	July	25	68	27.7	1548.4	0.00		Laurel	August	25	99	23.4	2271.8	0.00
Laurel	July	26	69	29.9	1578.3	0.00		Laurel	August	26	100	18.3	2290.1	0.00
Laurel	July	27	70	29.7	1607.9	0.07		Laurel	August	27	101	15.2	2305.3	0.00
Laurel	July	28	71	29.1	1637.0	0.00		Laurel	August	28	102	16.2	2321.5	0.00
Laurel	July	29	72	28.2	1665.2	0.00		Laurel	August	29	103	18.2	2339.7	0.00
Laurel	July	30	73	29.2	1694.4	0.00		Laurel	August	30	104	13.7	2353.4	0.00
Laurel	July	31	74	29.5	1723.9	1.02		Laurel	August	31	105	12.6	2366.0	0.00

Table 2 continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Laurel	September	1	106	14.6	2380.6	0.00
Laurel	September	2	107	15.4	2396.0	0.00
Laurel	September	3	108	16.0	2412.0	0.00
Laurel	September	4	109	20.3	2432.3	0.00
Laurel	September	5	110	23.9	2456.1	0.00
Laurel	September	6	111	27.7	2483.8	0.00
Laurel	September	7	112	16.4	2500.2	0.75
Laurel	September	8	113	12.8	2513.0	0.00
Laurel	September	9	114	11.5	2524.4	0.00
Laurel	September	10	115	16.6	2541.0	0.03
Laurel	September	11	116	18.3	2559.3	0.00
Laurel	September	12	117	16.3	2575.6	0.00
Laurel	September	13	118	17.5	2593.1	0.01
Laurel	September	14	119	18.7	2611.8	0.00
Laurel	September	15	120	15.8	2627.6	0.00
Laurel	September	16	121	14.8	2642.4	0.57
Laurel	September	17	122	18.9	2661.3	0.42
Laurel	September	18	123	20.1	2681.3	0.00
Laurel	September	19	124	22.8	2704.1	0.01
Laurel	September	20	125	20.3	2724.4	0.07
Laurel	September	21	126	14.8	2739.1	0.00
Laurel	September	22	127	15.9	2755.0	0.00
Laurel	September	23	128	23.3	2778.3	0.00
Laurel	September	24	129	25.5	2803.8	0.01
Laurel	September	25	130	27.8	2831.6	0.50
Laurel	September	26	131	25.2	2856.8	0.03
Laurel	September	27	132	21.3	2878.1	0.46
Laurel	September	28	133	22.1	2900.2	0.04
Laurel	September	29	134	17.7	2917.9	0.00
Laurel	September	30	135	19.8	2937.6	0.00

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	May	12	1	14.4	14.4	0.00
Georgetown	May	13	2	15.9	30.3	0.37
Georgetown	May	14	3	19.2	49.4	0.63
Georgetown	May	15	4	20.1	69.5	0.01
Georgetown	May	16	5	22.7	92.2	0.60
Georgetown	May	17	6	24.4	116.5	0.25
Georgetown	May	18	7	19.9	136.4	0.00
Georgetown	May	19	8	16.9	153.3	0.00
Georgetown	May	20	9	10.1	163.3	0.00
Georgetown	May	21	10	6.0	169.3	0.98
Georgetown	May	22	11	8.9	178.2	0.22
Georgetown	May	23	12	10.4	188.6	0.01
Georgetown	May	24	13	8.3	196.8	0.00
Georgetown	May	25	14	9.1	205.9	0.00
Georgetown	May	26	15	13.1	219.0	0.00
Georgetown	May	27	16	9.4	228.4	0.00
Georgetown	May	28	17	7.5	235.9	0.97
Georgetown	May	29	18	16.0	251.9	0.00
Georgetown	May	30	19	20.3	272.2	0.78
Georgetown	May	31	20	13.8	285.9	0.24

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	June	1	21	8.9	294.8	0.00
Georgetown	June	2	22	11.5	306.3	0.00
Georgetown	June	3	23	17.7	323.9	0.00
Georgetown	June	4	24	20.2	344.1	0.00
Georgetown	June	5	25	22.3	366.4	0.00
Georgetown	June	6	26	20.3	386.6	0.78
Georgetown	June	7	27	24.8	411.4	0.29
Georgetown	June	8	28	18.5	429.8	0.00
Georgetown	June	9	29	23.0	452.8	
Georgetown	June	10	30	25.3	478.1	0.03
Georgetown	June	11	31	24.5	502.6	0.00
Georgetown	June	12	32	26.5	529.1	0.00
Georgetown	June	13	33	28.0	557.1	0.22
Georgetown	June	14	34	22.3	579.3	0.86
Georgetown	June	15	35	14.9	594.2	0.02
Georgetown	June	16	36	15.9	610.1	0.30
Georgetown	June	17	37	21.4	631.4	0.00
Georgetown	June	18	38	28.1	659.5	0.00
Georgetown	June	19	39	29.0	688.4	0.24
Georgetown	June	20	40	24.8	713.2	0.00
Georgetown	June	21	41	28.4	741.5	0.00
Georgetown	June	22	42	28.9	770.4	0.00
Georgetown	June	23	43	31.2	801.6	0.00
Georgetown	June	24	44	31.1	832.7	0.00
Georgetown	June	25	45	30.7	863.4	0.00
Georgetown	June	26	46	27.4	890.8	0.00
Georgetown	June	27	47	19.6	910.4	0.01
Georgetown	June	28	48	28.4	938.7	0.01
Georgetown	June	29	49	29.7	968.4	2.47
Georgetown	June	30	50	30.3	998.7	0.05

Table 2 Continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall		Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	July	1	51	29.5	1028.2	0.28		Georgetown	August	1	82	20.0	1889	0.05
Georgetown	July	2	52	25.9	1054.1	0.71		Georgetown	August	2	83	19.5	1908.5	0.00
Georgetown	July	3	53	27.6	1081.7	0.00		Georgetown	August	3	84	17.9	1926.3	0.00
Georgetown	July	4	54	25.9	1107.5	0.00		Georgetown	August	4	85	20.0	1946.3	0.00
Georgetown	July	5	55	23.5	1131.0	0.00		Georgetown	August	5	86	21.3	1967.5	0.00
Georgetown	July	6	56	23.6	1154.6	0.00		Georgetown	August	6	87	22.1	1989.6	0.04
Georgetown	July	7	57	30.3	1184.9	1.17		Georgetown	August	7	88	24.0	2013.5	0.00
Georgetown	July	8	58	29.1	1214.0	0.19		Georgetown	August	8	89	20.0	2033.5	0.00
Georgetown	July	9	59	29.0	1243.0	0.94		Georgetown	August	9	90	18.5	2052.0	0.00
Georgetown	July	10	60	28.0	1270.9	0.03		Georgetown	August	10	91	19.3	2071.3	0.00
Georgetown	July	11	61	28.7	1299.6	0.16		Georgetown	August	11	92	21.5	2092.8	0.00
Georgetown	July	12	62	28.6	1328.2	0.00		Georgetown	August	12	93	26.2	2119.0	0.00
Georgetown	July	13	63	27.9	1356.0	0.00		Georgetown	August	13	94	29.0	2148.0	0.00
Georgetown	July	14	64	29.0	1385.0	0.84		Georgetown	August	14	95	28.7	2176.7	0.68
Georgetown	July	15	65	28.9	1413.8	0.58		Georgetown	August	15	96	27.5	2204.1	0.00
Georgetown	July	16	66	29.2	1443.0	0.00		Georgetown	August	16	97	27.5	2231.6	0.00
Georgetown	July	17	67	30.6	1473.6	0.02		Georgetown	August	17	98	26.8	2258.3	0.07
Georgetown	July	18	68	31.1	1504.7	0.00		Georgetown	August	18	99	21.9	2280.2	0.05
Georgetown	July	19	69	28.6	1533.2	0.50		Georgetown	August	19	100	17.5	2297.7	0.71
Georgetown	July	20	70	29.3	1562.5	0.10		Georgetown	August	20	101	25.9	2323.6	0.01
Georgetown	July	21	71	26.7	1589.2	0.00		Georgetown	August	21	102	20.6	2344.2	0.12
Georgetown	July	22	72	25.5	1614.7	0.00		Georgetown	August	22	103	18.2	2362.4	0.00
Georgetown	July	23	73	24.2	1638.9	0.00		Georgetown	August	23	104	17.3	2379.7	0.00
Georgetown	July	24	74	24.3	1663.2	0.00		Georgetown	August	24	105	22.1	2401.7	0.00
Georgetown	July	25	75	28.4	1691.5	0.00		Georgetown	August	25	106	23.6	2425.3	0.00
Georgetown	July	26	76	30.0	1721.5	0.00		Georgetown	August	26	107	19.4	2444.7	0.00
Georgetown	July	27	77	30.3	1751.7	0.10		Georgetown	August	27	108	15.7	2460.4	0.00
Georgetown	July	28	78	30.0	1781.7	0.00		Georgetown	August	28	109	15.6	2475.9	0.00
Georgetown	July	29	79	28.5	1810.1	0.00		Georgetown	August	29	110	19.3	2495.2	0.00
Georgetown	July	30	80	29.1	1839.2	0.00		Georgetown	August	30	111	13.8	2508.9	0.00
Georgetown	July	31	81	29.8	1869.0	1.58		Georgetown	August	31	112	12.6	2521.5	0.00

Table 2 continued…

Station	Month	Date	Day	Daily GDD	GDD	Rainfall
Georgetown	September	1	113	15.2	2536.7	0.00
Georgetown	September	2	114	15.3	2552.0	0.00
Georgetown	September	3	115	16.1	2568.1	0.00
Georgetown	September	4	116	21.3	2589.3	0.00
Georgetown	September	5	117	25.0	2614.3	0.00
Georgetown	September	6	118	27.9	2642.2	0.00
Georgetown	September	7	119	16.6	2658.8	0.77
Georgetown	September	8	120	12.6	2671.4	0.00
Georgetown	September	9	121	11.6	2682.9	0.00
Georgetown	September	10	122	16.6	2699.5	0.15
Georgetown	September	11	123	18.7	2718.2	0.00
Georgetown	September	12	124	17.3	2735.4	0.00
Georgetown	September	13	125	17.2	2752.6	0.00
Georgetown	September	14	126	18.9	2771.5	0.00
Georgetown	September	15	127	16.3	2787.8	0.00
Georgetown	September	16	128	14.4	2802.1	0.72
Georgetown	September	17	129	19.6	2821.7	0.50
Georgetown	September	18	130	21.0	2842.7	0.07
Georgetown	September	19	131	24.3	2867.0	0.00
Georgetown	September	20	132	19.9	2886.9	0.00
Georgetown	September	21	133	14.5	2901.3	0.00
Georgetown	September	22	134	16.4	2917.7	0.00
Georgetown	September	23	135	23.0	2940.7	0.00
Georgetown	September	24	136	25.2	2965.9	0.02
Georgetown	September	25	137	27.8	2993.7	0.15
Georgetown	September	26	138	26.0	3019.6	0.01
Georgetown	September	27	139	20.6	3040.2	0.30
Georgetown	September	28	140	22.0	3062.2	0.03
Georgetown	September	29	141	17.7	3079.9	0.00
Georgetown	September	30	142	20.6	3100.5	0.00

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

Planted 5/27/2025 & Harvested October 23, 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
Seed Consultants	SC1105PCE	207.2	19.3	10.8	58.8	25520.0	0.6	115.4	1	1	1	1	229.9	1	224.2	220.1
Innvictis	X1035T	204.5	19.5	10.5	58.1	25520.0	0.6	113.8	2	5	4	6	204.7	6	204.6	
Seed Consultants	SC1086PCE	203.7	19.9	10.2	57.9	23200.0	0.0	113.4	3	3	3	3	210.5	3	208.8	
Innvictis	X1015PWE	196.8	20.1	9.8	58.9	25230.0	1.2	109.6	4	4	2	4	211.8	2	208.0	
DeKalb	DKC111-35RIB (Check)	194.1	19.4	10.0	59.8	24360.0	1.2	108.1	5	7	5	5	204.8	5	202.1	
Augusta	A2060	183.7	19.4	9.5	57.0	23925.0	3.3	102.3	6	6	6	2	206.3	4	200.6	208.0
DeKalb	DKC56-26RIB (Check)	165.1	19.2	8.6	57.7	22765.0	4.3	91.9	7	2	7	7	200.1	7	191.3	
	Check Avg.	179.6	19.3	9.3	58.7	23563.0	2.8									
	Test Avg.	193.6	19.5	9.9	58.3	24360.0	1.6									
	LSD (0.05)	22.5	NS	1.2	1.0	NS	NS									
	% C.V.	7.7	2.8	7.9	1.1	7.4	150.8									
	Check Avg. + LSD (0.05)	202.1														

[1]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 4. Dryland Corn Hybrid Performance Summary
Emerson Farms (New Castle County) Middletown, Delaware

Planted 5/27/2025 & Harvested October 23, 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
Innvictis	X1235PWE	215.8	21.5	10.1	55.4	22765.0	0.0	110.6	1	11	3	12	204.1	8	207.0	
Augusta	4862	214.1	21.7	9.8	55.3	22330.0	0.0	109.8	2	16	1	1	206.4	5	208.4	
FS InVISION	FS 6349PC RA	210.6	22.5	9.4	54.8	23200.0	0.7	107.9	3	6	4	9	205.4	6	206.7	
Mid-Atlantic Seeds	MA6120PCE	203.6	21.4	9.5	55.7	23490.0	1.3	104.3	4	4	7	5	209.3	3	207.8	218.1
DeKalb	DKC113-83RIB (Check)	202.3	20.8	9.8	58.6	24360.0	2.5	103.7	5	1	14	11	203.0	9	202.8	
Seed Consultants	SC1135PCE	200.0	20.3	9.9	57.5	24360.0	0.0	102.5	6	14	2	2	206.6	4	204.9	208.7
Innvictis	A1414T	199.8	21.9	9.1	57.2	23635.0	0.0	102.4	7	13	10	14	197.0	14	197.7	
Dyna-Gro	D52TC66RIB	197.5	19.6	10.1	58.1	24070.0	0.0	101.2	8	9	17	4	201.7	10	200.6	
Seed Consultants	SC1116PCE	192.4	19.9	9.7	58.8	26680.0	0.5	98.6	9	3	6	7	209.6	2	205.3	
Mid-Atlantic Seeds	MA6106PCE	192.0	18.8	10.2	57.5	24070.0	0.8	98.4	10	8	5	3	209.7	1	205.2	
DeKalb	DKC64-22RIB (Check)	187.9	20.1	9.4	58.8	23635.0	0.6	96.3	11	7	16	8	199.5	12	196.6	
Mid-Atlantic Seeds	MA6148PCE	187.0	21.9	8.6	56.4	23055.0	0.0	95.9	12	17	13	10	188.2	17	187.9	204.5
Innvictis	A1312VT2P	186.3	21.7	8.6	56.8	25230.0	1.1	95.5	13	5	12	13	201.2	11	197.5	
FS InVISION	FS 6445V RIB	183.8	21.0	8.8	58.1	22475.0	1.3	94.2	14	15	9	6	197.1	13	193.8	205.2
Innvictis	A1292VT2P	179.0	20.7	8.7	58.2	19285.0	0.0	91.7	15	12	15	16	192.6	16	189.2	
FS InVISION	FS 6157T RIB	173.0	20.6	8.5	56.6	20445.0	0.0	88.7	16	2	11	15	204.1	7	196.4	
Innvictis	A1254T	170.2	20.3	8.4	57.0	21895.0	0.0	87.2	17	10	8	17	195.9	15	189.5	
	Check Avg.	195.1	20.5	9.6	58.7	23998.0	1.5									
	Test Avg.	193.8	20.8	9.3	57.1	23234.0	0.5									
	LSD (0.05)	NS	NS	NS	2.1	3287.0	NS									
	% C.V.	9.8	6.6	9.4	2.5	9.2	164.5									
	Check Avg. + LSD (0.05)	216.4														

NS = not statistically significant at a 5% probability level

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

Planted 5/27/2025 & Harvested October 23, 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	MA8199TRECRIB	162.4	19.5	8.3	58.7	23925.0	2.7	127.8	1	7	4	9	201.2	7	191.5	215.7
Innvictis	A1542T	153.5	19.7	7.8	59.1	22475.0	2.6	120.8	2	10	9	10	186.2	10	178.0	199.5
Dyna-Gro	D55TC86RIB	139.8	20.3	6.9	58.8	20155.0	1.4	110.0	3	9	6	5	201.0	8	185.7	
Seed Consultants	SC1185V	138.7	20.3	6.8	59.5	22475.0	3.7	109.1	4	8	1	4	207.1	4	190.0	
Dyna-Gro	D60TC45RIB	135.6	21.1	6.4	57.5	19865.0	2.0	106.7	5	5	3	2	211.3	1	192.3	
FS InVISION	FS 6747T RIB	134.5	19.9	6.8	59.8	22910.0	3.2	105.8	6	4	2	7	206.6	5	188.6	
Innvictis	A1551VT2P	133.7	18.8	7.1	57.8	18270.0	1.1	105.2	7	3	10	6	198.3	9	182.2	
Seed Consultants	SC1166PCUE	133.4	19.0	7.0	59.4	22475.0	1.3	104.9	8	6	5	1	208.0	3	189.3	
DeKalb	DKC68-35RIB (Check)	128.2	19.8	6.5	60.5	20735.0	0.7	100.9	9	1	8	8	205.0	6	185.8	
DeKalb	DKC66-06RIB (Check)	126.0	20.3	6.3	59.0	20735.0	6.6	99.1	10	2	7	3	208.4	2	187.8	
	Check Avg.	127.1	20.0	6.4	59.7	20735.0	3.7									
	Test Avg.	138.6	19.9	7.0	59.0	21402.0	2.5									
	LSD (0.05)	16.9	0.8	1.0	0.9	NS	NS									
	% C.V.	6.7	2.2	8.4	1.0	11.1	133.9									
	Check Avg. + LSD (0.05)	144.0														

[1]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 6. Irrigated Corn Hybrid Performance Summary
Thomas Family Farms (Kent County) Marydel, Delaware

Planted 5/20/2025 & Harvested October 10, 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	**SC1105PCE**	**246.3**	22.8	10.8	55.2	32480.0	2.2	115.3	1	1	1	1	229.9	1	224.2	220.1
Augusta	A2060	230.7	23.0	10.0	52.6	32335.0	3.3	108.0	2	6	6	6	206.3	4	200.6	208.0
Seed Consultants	SC1086PCE	230.0	23.3	9.9	55.0	31465.0	1.4	107.7	3	3	3	3	210.5	3	208.8	
Innvictis	X1015PWE	229.1	22.5	10.2	55.5	31320.0	2.3	107.2	4	2	4	4	211.8	2	208.0	
DeKalb	DKC111-35RIB (Check)	225.5	21.6	10.4	56.5	34365.0	3.0	105.6	5	5	7	5	204.8	5	202.1	
Innvictis	X1035T	220.3	22.0	10.0	55.0	32045.0	3.6	103.1	6	4	5	2	204.7	6	204.6	
DeKalb	DKC56-26RIB (Check)	201.6	21.2	9.5	54.4	30885.0	8.1	94.4	7	7	2	7	200.1	7	191.3	

Check Avg.	213.6	21.4	10.0	55.5	32625.0	5.6
Test Avg.	226.2	22.3	10.1	54.9	32128.0	3.4
LSD (0.05)	NS	0.7	NS	0.8	NS	NS
% C.V.	7.2	1.9	7.4	1.0	4.8	109.8
Check Avg. + LSD (0.05)	239.9					

NS = not statistically significant at a 5% probability level

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

Planted 5/20/2025 & Harvested October 10, 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
Augusta	4862	258.6	23.8	10.9	52.8	33205.0	0.9	112.3	1	1	16	2	206.4	5	208.4	
Seed Consultants	SC1135PCE	246.6	22.9	10.8	54.0	32045.0	0.0	107.1	2	2	14	6	206.6	4	204.9	209
Mid-Atlantic Seeds	MA6106PCE	244.6	22.8	10.8	53.6	33785.0	2.6	106.3	3	5	8	10	209.7	1	205.2	
Dyna-Gro	D52TC66RIB	244.1	22.0	11.1	55.5	34075.0	1.3	106.0	4	17	9	8	201.7	10	200.6	
Mid-Atlantic Seeds	MA6120PCE	244.0	23.9	10.2	52.8	32190.0	0.0	106.0	5	7	4	4	209.3	3	207.8	218.1
FS InVISION	FS 6445V RIB	241.9	23.8	10.2	54.4	30015.0	1.9	105.1	6	9	15	14	197.1	13	193.8	205.2
Seed Consultants	SC1116PCE	239.7	24.3	9.9	54.2	28710.0	1.2	104.1	7	6	3	9	209.6	2	205.3	
DeKalb	DKC64-22RIB (Check)	233.2	22.0	10.6	57.2	30595.0	1.1	101.3	8	16	7	11	199.5	12	196.6	
FS InVISION	FS 6349PC RA	229.8	24.5	9.4	52.5	31175.0	3.3	99.8	9	4	6	3	205.4	6	206.7	
Mid-Atlantic Seeds	MA6148PCE	228.4	24.0	9.5	54.0	32335.0	1.0	99.2	10	13	17	12	188.2	17	187.9	204.5
DeKalb	DKC113-83RIB (Check)	227.1	22.4	10.2	56.4	33785.0	0.4	98.7	11	14	1	5	203.0	9	202.8	
Innvictis	X1235PWE	226.6	24.3	9.3	52.3	32335.0	0.9	98.4	12	3	11	1	204.1	8	207.0	
Innvictis	A1312VT2P	226.4	24.4	9.3	52.7	33495.0	1.4	98.3	13	12	5	13	201.2	11	197.5	
Innvictis	A1414T	225.8	23.6	9.6	54.5	30450.0	0.8	98.1	14	10	13	7	197.0	14	197.7	
FS InVISION	FS 6157T RIB	225.1	22.7	9.9	53.9	31030.0	4.7	97.8	15	11	2	16	204.1	7	196.4	
Innvictis	A1292VT2P	214.8	21.7	9.9	56.6	33205.0	0.9	93.3	16	15	12	15	192.6	16	189.2	
Innvictis	A1254T	209.4	22.9	9.2	53.4	31610.0	1.8	91.0	17	8	10	17	195.9	15	189.5	
	Check Avg.	230.2	22.2	10.4	56.8	32190.0	0.8									
	Test Avg.	233.3	23.3	10.0	54.1	32002.0	1.4									
	LSD (0.05)	19.6	0.6	0.9	0.9	NS	NS									
	% C.V.	5.6	1.7	6.2	1.1	6.8	162.5									
	Check Avg. + LSD (0.05)	249.8														

[1]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 5/20/2025 & Harvested October 10, 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
Seed Consultants	SC1166PCUE	238.0	24.7	9.7	54.8	34365.0	0.0	106.5	1	5	6	8	208.0	3	189.3	
Dyna-Gro	D60TC45RIB	238.0	23.2	10.3	54.2	33350.0	0.5	106.5	2	3	5	5	211.3	1	192.3	
DeKalb	DKC66-06RIB (Check)	228.6	22.8	10.1	56.0	32190.0	0.9	102.3	3	7	2	10	208.4	2	187.8	
Seed Consultants	SC1185V	226.7	24.0	9.5	55.6	33205.0	0.0	101.4	4	1	8	4	207.1	4	190.0	
Dyna-Gro	D55TC86RIB	**221.1**	22.6	9.8	55.7	34220.0	0.0	98.9	5	6	9	3	201.0	8	185.7	
Innvictis	A1551VT2P	**220.3**	22.4	9.9	54.9	33785.0	0.9	98.6	6	10	3	7	198.3	9	182.2	
FS InVISION	FS 6747T RIB	**220.2**	23.5	9.4	54.9	31465.0	0.5	98.5	7	2	4	6	206.6	5	188.6	
DeKalb	DKC68-35RIB (Check)	**218.4**	22.4	9.8	56.7	32335.0	2.2	97.7	8	8	1	9	205.0	6	185.8	
Mid-Atlantic Seeds	MA8199TRECRIB	**215.6**	23.3	9.3	54.5	31320.0	0.5	96.5	9	4	7	1	201.2	7	191.5	215.7
Innvictis	A1542T	209.9	21.6	9.7	56.1	32045.0	0.5	93.9	10	9	10	2	186.2	10	178.0	199.5
	Check Avg.	223.5	22.6	10.0	56.4	32263.0	1.6									
	Test Avg.	223.7	23.0	9.7	55.3	32828.0	0.6									
	LSD (0.05)	16.8	1.4	NS	1.3	2088.0	NS									
	% C.V.	4.5	3.8	6.8	1.5	4.1	168.5									
	Check Avg. + LSD (0.05)	240.3														

[1]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 5/19/2025 & Harvested October 7, 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.	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
Seed Consultants	SC1105PCE	206.2	21.1	9.8	55.7	31465.0	0.0	113.5	1	1	1	1	229.9	1	224.2	220.1
DeKalb	DKC56-26RIB (Check)	189.5	18.8	10.1	55.2	31320.0	0.5	104.3	2	7	7	7	200.1	7	191.3	
Seed Consultants	SC1086PCE	181.9	20.2	9.0	56.9	30305.0	0.0	100.1	3	3	3	3	210.5	3	208.8	
Innvictis	X1015PWE	181.4	21.0	8.6	57.2	31030.0	1.4	99.8	4	2	4	4	211.8	2	208.0	
Innvictis	X1035T	176.3	19.9	8.9	55.9	30595.0	0.0	97.0	5	4	6	2	204.7	6	204.6	
Augusta	A2060	175.4	20.1	8.7	54.4	30305.0	0.4	96.5	6	6	2	6	206.3	4	200.6	208.0
DeKalb	DKC111-35RIB (Check)	173.8	19.6	8.9	57.7	32335.0	0.5	95.7	7	5	5	5	204.8	5	202.1	
	Check Avg.	181.7	19.2	9.5	56.5	31828.0	0.5									
	Test Avg.	183.5	20.1	9.1	56.1	31051.0	0.40									
	LSD (0.05)	NS	0.6	NS	1.0	NS	NS									
	% C.V.	7.1	1.5	7.1	1.1	6.3	181.7									
	Check Avg. + LSD (0.05)	203.0														

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 5/19/2025 & Harvested October 7, 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.	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
DeKalb	DKC113-83RIB (Check)	180.2	19.2	9.4	57.0	33785.0	1.0	104.1	1	14	11	5	203.0	9	202.8	
FS InVISION	FS 6157T RIB	177.5	19.7	9.0	54.8	31030.0	0.5	102.6	2	11	15	16	204.1	7	196.4	
Seed Consultants	SC1116PCE	173.1	20.5	8.4	57.0	30160.0	0.0	100.1	3	6	7	9	209.6	2	205.3	
Mid-Atlantic Seeds	MA6120PCE	170.3	21.6	7.9	53.5	29725.0	1.2	98.4	4	7	5	4	209.3	3	207.8	218.1
Innvictis	A1312VT2P	167.6	20.2	8.3	55.0	30885.0	0.5	96.9	5	12	13	13	201.2	11	197.5	
FS InVISION	FS 6349PC RA	166.0	21.6	7.7	54.2	30595.0	0.0	95.9	6	4	9	3	205.4	6	206.7	
DeKalb	DKC64-22RIB (Check)	165.9	19.7	8.4	58.0	30160.0	0.5	95.9	7	16	8	11	199.5	12	196.6	
Mid-Atlantic Seeds	MA6106PCE	165.6	19.7	8.4	55.6	28420.0	0.5	95.7	8	5	3	10	209.7	1	205.2	
Dyna-Gro	D52TC66RIB	165.4	18.6	8.9	55.2	30885.0	1.0	95.6	9	17	4	8	201.7	10	200.6	
Innvictis	A1254T	165.0	20.2	8.2	54.2	28710.0	0.0	95.4	10	8	17	17	195.9	15	189.5	
Innvictis	X1235PWE	163.9	21.9	7.5	53.7	29580.0	0.0	94.7	11	3	12	1	204.1	8	207.0	
Innvictis	A1292VT2P	162.8	18.7	8.7	57.5	29000.0	1.0	94.1	12	15	16	15	192.6	16	189.2	
Innvictis	A1414T	155.1	21.1	7.4	55.5	28855.0	0.0	89.7	13	10	14	7	197.0	14	197.7	
Seed Consultants	SC1135PCE	148.8	20.8	7.2	54.8	28565.0	0.0	86.0	14	2	2	6	206.6	4	204.9	208.7
FS InVISION	FS 6445V RIB	139.2	21.6	6.4	54.8	26970.0	0.0	80.4	15	9	6	14	197.1	13	193.8	205.2
Augusta	4862	134.9	21.7	6.2	53.3	27695.0	0.0	78.0	16	1	1	2	206.4	5	208.4	
Mid-Atlantic Seeds	MA6148PCE	130.2	21.4	6.1	54.2	26970.0	1.5	75.2	17	13	10	12	188.2	17	187.9	204.5
	Check Avg.	173.0	19.5	8.9	57.5	31973.0	0.7									
	Test Avg.	160.7	20.5	7.9	55.2	29529.0	0.4									
	LSD (0.05)	13.4	0.8	0.8	0.9	NS	NS									
	% C.V.	4.2	2.3	5.7	1.1	9.0	190.6									
	Check Avg. + LSD (0.05)	186.4														

[1]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 5/19/2025 & Harvested October 7, 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
DeKalb	DKC68-35RIB (Check)	191.8	22.3	8.6	56.1	31320.0	0.0	101.2	1	8	8	9	205.0	6	185.8	
DeKalb	DKC66-06RIB (Check)	187.4	21.5	8.7	56.0	34510.0	0.0	98.9	2	7	3	10	208.4	2	187.8	
Innvictis	A1551VT2P	185.4	20.9	8.9	55.2	33060.0	0.0	97.8	3	10	6	7	198.3	9	182.2	
FS InVISION	FS 6747T RIB	183.9	21.8	8.4	56.0	32770.0	1.3	97.0	4	2	7	6	206.6	5	188.6	
Dyna-Gro	D60TC45RIB	180.5	23.0	7.9	53.4	31320.0	0.0	95.2	5	3	2	5	211.3	1	192.3	
Seed Consultants	SC1166PCUE	176.0	22.5	7.8	55.3	31175.0	0.0	92.8	6	5	1	8	208.0	3	189.3	
Mid-Atlantic Seeds	MA8199TRECRIB	175.1	23.0	7.6	53.9	26245.0	0.0	92.3	7	4	9	1	201.2	7	191.5	215.7
Seed Consultants	SC1185V	173.0	23.4	7.4	55.2	29435.0	0.0	91.3	8	1	4	4	207.1	4	190.0	
Dyna-Gro	D55TC86RIB	172.4	21.7	8.0	55.7	29290.0	0.0	90.9	9	6	5	3	201.0	8	185.7	
Innvictis	A1542T	157.5	20.2	7.8	57.0	31320.0	0.0	83.1	10	9	10	2	186.2	10	178.0	199.5
	Check Avg.	189.6	21.9	8.7	56.1	32915.0	0.0									
	Test Avg.	178.3	22.0	8.1	55.4	31045.0	0.10									
	LSD (0.05)	14.1	1.0	0.5	1.3	4118.0	0.7									
	% C.V.	5.0	2.8	4.2	1.4	8.7	125.9									
	Check Avg. + LSD (0.05)	203.7														

[1]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 12. Irrigated Corn Hybrid Performance Summary
Carvel Rresearch & Education Center (Sussex County) Georgetown, Delaware

Planted 5/12/2025 & Harvested October 6, 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
Seed Consultants	SC1105PCE	237.3	20.0	11.9	56.0	36105.0	0.0	111.9	1	1	1	1	229.9	1	224.2	220.1
Innvictis	X1015PWE	224.9	20.1	11.2	56.8	32770.0	0.0	106.1	2	4	4	4	211.8	2	208.0	
Seed Consultants	SC1086PCE	219.6	19.7	11.2	56.2	33060.0	1.4	103.6	3	3	3	3	210.5	3	208.8	
Innvictis	X1035T	217.4	18.5	11.8	56.9	33350.0	0.4	102.6	4	5	6	2	204.7	6	204.6	
DeKalb	DKC111-35RIB (Check)	215.1	18.2	11.8	57.7	33930.0	0.0	101.4	5	7	5	5	204.8	5	202.1	
Augusta	A2060	212.9	20.1	10.6	55.2	33930.0	0.5	100.4	6	6	2	6	206.3	4	200.6	208.0
DeKalb	DKC56-26RIB (Check)	209.0	18.1	11.5	55.4	32770.0	0.0	98.6	7	2	7	7	200.1	7	191.3	

Check Avg.	212.0	18.2	11.7	56.5	33350.0	0.0
Test Avg.	219.5	19.2	11.4	56.3	33702.0	0.3
LSD (0.05)	NS	0.7	NS	0.8	1985.0	NS
% C.V.	5.1	2.3	5.3	0.9	3.7	175.9
Check Avg. + LSD (0.05)	229.7					

NS = not statistically significant at a 5% probability level

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

Planted 5/12/2025 & Harvested October 6, 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
Augusta	4862	225.8	20.9	10.8	54.2	32915.0	3.2	112.6	1	16	1	2	206.4	5	208.4	
Seed Consultants	SC1135PCE	224.3	20.9	10.8	55.2	32480.0	0.0	111.8	2	14	2	6	206.6	4	204.9	208.7
Innvictis	X1235PWE	221.8	21.3	10.4	54.1	32045.0	1.9	110.6	3	11	12	1	204.1	8	207.0	
FS InVISION	FS 6349PC RA	220.5	20.6	10.7	54.3	33495.0	5.2	109.9	4	6	9	3	205.4	6	206.7	
Mid-Atlantic Seeds	MA6106PCE	218.9	19.7	11.1	55.4	32915.0	1.8	109.1	5	8	3	10	209.7	1	205.2	
Seed Consultants	SC1116PCE	216.2	20.3	10.7	56.3	34800.0	0.4	107.8	6	3	7	9	209.6	2	205.3	
Mid-Atlantic Seeds	MA6120PCE	213.5	20.7	10.3	54.5	32625.0	2.2	106.4	7	4	5	4	209.3	3	207.8	218.1
Innvictis	A1254T	213.4	18.7	11.4	55.2	32625.0	0.0	106.4	8	10	17	17	195.9	15	189.5	
FS InVISION	FS 6445V RIB	210.4	20.3	10.4	55.8	31900.0	1.4	104.9	9	15	6	14	197.1	13	193.8	205.2
Innvictis	A1414T	210.1	20.4	10.4	56.0	30885.0	0.9	104.7	10	13	14	7	197.0	14	197.7	
FS InVISION	FS 6157T RIB	209.8	18.7	11.2	55.8	33060.0	0.0	104.6	11	2	15	16	204.1	7	196.4	
Innvictis	A1312VT2P	209.6	19.3	10.9	55.1	33060.0	2.2	104.5	12	5	13	13	201.2	11	197.5	
Mid-Atlantic Seeds	MA6148PCE	205.9	20.8	9.9	55.7	31320.0	0.0	102.6	13	17	10	12	188.2	17	187.9	204.5
DeKalb	DKC113-83RIB (Check)	201.7	18.2	11.1	57.2	34365.0	0.5	100.5	14	1	11	5	203.0	9	202.8	
Innvictis	A1292VT2P	200.4	18.2	11.1	57.7	33205.0	0.5	99.9	15	12	16	15	192.6	16	189.2	
DeKalb	DKC64-22RIB (Check)	199.5	18.5	10.8	58.8	33060.0	0.5	99.5	16	7	8	11	199.5	12	196.6	
Dyna-Gro	D52TC66RIB	195.7	17.2	11.4	57.2	35670.0	0.4	97.5	17	9	4	8	201.7	10	200.6	
	Check Avg.	200.6	18.4	10.9	58.0	33713.0	0.5									
	Test Avg.	211.6	19.7	10.8	55.8	32966.0	1.2									
	LSD (0.05)	16.3	1.2	NS	1.0	2087.0	NS									
	% C.V.	4.8	4.0	5.9	1.2	4.1	162.3									
	Check Avg. + LSD (0.05)	216.9														

[1]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 5/12/2025 & Harvested October 6, 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
Seed Consultants	SC1185V	221.5	22.4	9.9	56.0	33350.0	0.5	107.1	1	8	4	4	207.1	4	190.0	
FS InVISION	FS 6747T RIB	215.9	20.6	10.5	56.1	33930.0	0.4	104.3	2	4	7	6	206.6	5	188.6	
Dyna-Gro	D60TC45RIB	215.3	19.1	11.3	56.5	34075.0	3.7	104.1	3	5	2	5	211.3	1	192.3	
Mid-Atlantic Seeds	MA8199TRECRIB	212.9	19.2	11.1	56.3	32625.0	3.5	102.9	4	7	9	1	201.2	7	191.5	215.7
Seed Consultants	SC1166PCUE	210.1	21.3	9.9	56.5	32625.0	0.4	101.5	5	6	1	8	208.0	3	189.3	
Dyna-Gro	D55TC86RIB	209.6	20.3	10.3	56.2	34220.0	3.0	101.3	6	9	5	3	201.0	8	185.7	
DeKalb	DKC66-06RIB (Check)	209.1	20.6	10.2	56.2	33640.0	0.4	101.1	7	2	3	10	208.4	2	187.8	
DeKalb	DKC68-35RIB (Check)	204.6	20.7	9.9	58.2	33205.0	0.5	98.9	8	1	8	9	205.0	6	185.8	
Innvictis	A1542T	191.1	18.8	10.1	56.8	33205.0	1.3	92.3	9	10	10	2	186.2	10	178.0	199.5
Innvictis	A1551VT2P	189.3	18.7	10.2	55.8	33640.0	3.0	91.5	10	3	6	7	198.3	9	182.2	
	Check Avg.	206.9	20.6	10.0	57.2	33423.0	0.4									
	Test Avg.	207.9	20.2	10.3	56.5	33452.0	1.7									
	LSD (0.05)	19.0	1.1	NS	NS	NS	NS									
	% C.V.	5.9	3.5	6.7	1.6	2.9	170.6									
	Check Avg. + LSD (0.05)	225.9														

[1]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