Virginia Cooperative Extension
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Virginia Corn Silage Trials, 2025

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Introduction

Participating Companies

Table 1. Companies Participating in the 2025 Virginia Tech Corn Silage Hybrid Trials

Company	Brand	Address
Augusta Seed	Augusta Seed	PO Box 899, Verona, VA 24482
CNI Ag	Integra	800 Business Park Dr., Hwy 82, Leesburg, GA 31763
Corteva Agriscience Ag. Division	Pioneer	7200 NW 62nd Ave., Johnston, IA 50131
Dow/Dupont		
GROWMARK	FS	308 NE Front Street, Milford, DE 19963
King's Agriseeds	Red Tail	1828 Freedom Rd #101, Lancaster, PA 17601
Seed Consultants, Inc.	Seed Consultants	648 Miami Trace Rd., Washington Court House, OH 43160
Seedway, LLC	Seedway	1734 Railroad Pl, Hall, NY 14463

Acknowledgement

The entry fees paid by the participating companies help support the Virginia Corn Silage Trials. Appreciation is expressed to the Virginia Corn Check-Off Board for the continued financial support of this research and the Virginia Extension corn program.

Locations and Data Collection

The 2025 Virginia performance trials of commercial corn (Zea mays *L.*) hybrids produced for silage at four locations in Virginia in 2025: Blackstone (Southern Piedmont), Orange (North Piedmont), Holland (Shenandoah Valley), and Southwest VA/Mountain region. At all locations, corn was planted with a Wintersteiger PlotKing 2600 planter (Wintersteiger Inc., Salt Lake City, UT). Corn was harvested at maturity with commercial silage equipment. Yield (plot silage weights, lb/ac), and quality are reported. Yields are presented on a dry matter and 35% dry matter basis for comparison. Quality analysis was performed using a Foss NIR XDS Rapid Content Analyzer.

2025 Growing Season

Virginia's 2025 corn results showed a strong recovery from previous dry years, with phenomenal yields reported due to ample rainfall, reaching record levels statewide, though some reports mentioned challenges like late-season wind damage and disease pressure. Producers noted a significant rebound from the 2024 drought, with excellent overall performance and high bushels-per-acre figures across the state. The primary driver was sufficient rain throughout much of the growing season, contrasting with drier conditions in prior years. The year started with a cold winter but quickly shifted to persistent above-normal temperatures from spring through fall.

An exceptionally wet spring provided a good foundation of soil moisture, which prevented immediate drought issues during early summer heat waves. Virginia's 2025 corn silage quality varied, with reports of an excellent crop due to high yields, but challenges like late-season moisture issues or potential mycotoxins. Hot weather in some areas boosted aflatoxin risk. Harvesting at optimal moisture (32-35%

DM) and effective kernel processing maximized starch digestibility for higher animal energy, milk production, and weight gain.

Data Analysis

Statistical analysis was done to determine what differences were real (associated with the hybrids) and truly significant, and not simply due to random variation. The Least Significant Difference LSD (.05) allows us to make valid comparisons among hybrids at the 95% confidence level. If the difference between yields of any two hybrids is greater than the LSD value, the difference in yield is considered real/significant and not due random variation or error. Coefficient of Variation (CV, %) is a measurement of the precision of each field trial. Lower CV values indicate less variation and greater precision.

Multi-Year, Multi-Site Results

When making hybrid selections it is important to realize that hybrids differ in their performance under differing environments. Some hybrids are more adapted to a wide range of environments. Hybrid performance may differ with year and location variations of rainfall, temperature, pests, and other environmental variables. In these experiments, many hybrids have essentially the same yield, and great care should be taken in interpreting the results of a single year's tests, especially at only one location.

For these reasons it is important, whenever possible, to also look at a hybrid's average yield across locations when making selections. Multi-year averages give greater confidence to hybrid performance decisions. Relative yield tables compare the yield of a hybrid to the average yield of all hybrids in the test. These tables are an excellent summary of yield potential compared to other hybrids.

Relative Yield and Quality

Companies entering silage hybrids decide which hybrids are planted at which locations. In 2025, some hybrids were planted at all four locations and others at only two or three sites. Combining and comparing absolute yield and other results from multiple sites is inappropriate when not all hybrids are planted at all locations. For example, one hybrid might have an unfair advantage in such a comparison because it was tested only at sites with ideal growing conditions. Another hybrid tested at sites with less-than-ideal growing conditions would have yields that tended to be lower. In this example, it would be difficult to determine whether yield differences were because of differences in genetic yield potential or simply because of differences in the environmental conditions under which they were tested. The solution is to compare hybrids based on relative yields rather than absolute yields.

To calculate relative yield, the yield for each hybrid at each site is divided by the average yield for all hybrids tested at that same site and multiplied by 100. Once each hybrid at each site has been assigned a relative yield, comparisons can be made between hybrids tested at the same site or different sites. For hybrids tested at multiple sites, we can also calculate a multi-site relative yield average. Relative yields of 100 indicate hybrids that were average performers. Relative yields greater than 100 indicate yields above-average. Relative yields less than 100 indicate yields below-average. The magnitude of the relative yield numbers indicates how far above or below average a hybrid performed. For example, a hybrid with a relative yield of 110 yielded 10% above the average yield for all hybrids at that site.

Relative quality and relative yield x quality ratings were calculated for meaningful comparison of hybrid performance across sites and years.

Consider as much other information as possible from other independent sources before selecting hybrids. Look for agronomic, as well as silage quality data. Days to maturity provided by company; differences in maturity rating methods may exist between companies. 108-111 Days Relative Maturity = Early (E), 112-115 Days Relative Maturity = Medium (M), >115 Days Relative Maturity = Late (L).

Quality Parameters

Quality of corn silage is determined by energy content and intake potential as well as content of protein and minerals. The reported key quality parameters are detailed below.

Table 2. The reported key quality parameters.

Quality parameter	Description
Crude Protein (%)	Estimates the total protein based on nitrogen content
Acid-Detergent Fiber (ADF, %)	Measures the least digestible parts of silage (cellulose, lignin, silica)
Neutral-Detergent Fiber (NDF, %)	Measures the total plant cell wall components (hemicellulose, cellulose, and lignin) in silage
Neutral-Detergent Fiber Digestibility (NDFD, %)	Estimates the percentage of NDF that is digested by rumen microbes over 48 hour period
Net Energy for Lactation (NEL, Mcal/lb),	Estimates the amount of energy available in silage that a dairy cow can use for milk production
Total Digestible Nutrients (TDN, %)	Measures potential for silage digestibility
Milk per ton of silage (Lb milk/ton)	Estimates how many pounds of milk a ton of silage could produce
Milk per acre (Lb milk/ac)	Combines silage yield (tons/acre) and quality (milk/ton) into an estimate of total production efficiency

Yield and Quality Considerations

Milk2024 is a system developed by University of Wisconsin researchers to simplify quality comparisons between corn silage samples. Included in the analysis are variety identification, kernel processing, dry matter, crude protein, NDF, in-vitro NDF digestibility, starch percent, and yield per acre. Milk2024 is used to condense multiple corn silage quality and digestibility factors into one easy-to-compare “milk-per-ton” number. This system also generates a “milk-per-acre” rating for each hybrid, calculated by multiplying yield (tons-per-acre) by quality (pounds of milk per ton).

Compared to Milk2006, Milk2024 values more accurately address the effects of fiber digestibility on silage quality. Milk2024 has proven to reflect actual milk production than earlier versions of the program more accurately.

Milk2024 was designed solely as an index to be used when making quality comparisons between silage samples or hybrids. Milk-per-ton or milk-per-acre numbers should not be used to predict actual milk production on your farm. Milk-per-ton is more accurate at predicting cow performance since it includes quality factors that affect milk production. Milk-per-acre allows consideration of yield as well as quality factors.

2025 Virginia Tech Corn Silage Trials, List of Hybrids

Table 3. 2025 Virginia Tech Corn Silage Trials, List of Hybrids

Company	Brand	Hybrid	[1]DTM	Blackstone, Southern Piedmont	Broadway, Shenandoah Valley	Orange, Northern Piedmont	Emory, Southwest Virginia/ Mountain	Seed treatment	Genetic trait package	OBS
Augusta Seed	Augusta	A3255	105		x			C	DV	1
Augusta Seed	Augusta	A1964	114		x		x	C	DV	2
Augusta Seed	Augusta	A2464	114		x		x	C	DV	2
Augusta Seed	Augusta	A5166	116		x			C	DVZ3	1
Augusta Seed	Augusta	A1466	116				x	C	DV	1
Growmark	Fs Invision	FS 6306T RIB	113	x	x	x	x	Poncho Votivo	TRE RIB	4
Growmark	Fs Invision	FS 6432P RIB	114	x	x	x	x	Poncho Votivo	SSP RIB	4
Growmark	Fs Invision	FS 6627T RIB	116	x	x	x	x	Poncho Votivo	TRE RIB	4
Growmark	Fs Invision	FS 6947T RIB	119	x	x	x	x	Poncho Votivo	TRE RIB	4
CNI Ag	Integra	6493 VT2P	114	x	x	x	x	PV500	VT2P	4
CNI Ag	Integra	6720 VT2P	117	x	x	x	x	PV500	VT2P	4
CNI Ag	Integra	6891 3110	118	x	x	x	x	PV500	Agrisure Viptera 3110	4
Corteva	Pioneer	P1380Q	113	x	x	x	x	Lumisure 1250	QROME	4
Corteva	Pioneer	P17677V	117	x	x	x	x	Lumisure 1250	Vorceed Enlist	4
King's Agriseeds	Redtail	RT 64T39	114	x	x	x		C	Duracade	3
King's Agriseeds	Redtail	RT 67T79	117		x	x		C	Duracade Viptera	2
Seed Consultants	SC	SC1135PCE	113		x	x	x	Lumisure 1250	PCE	3
Seed Consultants	SC	SC1166PCUE	116		x	x	x	Lumisure 1250	PCUE	3
Seed Consultants	SC	SC1185V	118		x	x	x	Lumisure 1250	V	3
Seedway	Seedway	SW 1331SP	113		x	x		Poncho 500	SSPro	2
Seedway	Seedway	SW 1661SS	116		x	x		Poncho 500	SS	2
Seedway	Seedway	SW 8109V	117		x	x		Cruiser 250	V	2

OBS - Number of observations hybrid occurred; the greater the observations, the more reliable the data.
Note: Shaded hybrids indicate hybrids entered in less than 3 locations. Hybrids are sorted by Brand then DTM.

Corn silage test results at the Southern Piedmont AREC, Blackstone, VA in 2025

Table 4. Corn silage test results at the Southern Piedmont AREC, Blackstone, VA in 2025.

Brand	Hybrid	DTM	Dry matter % at harvest	DM Yield	Yield at 35% DM	Crude Protein	ADF	NDF	NDFD	NEL	TDN	Milk2024	Milk2024
			%	ton/ac	ton/ac	%	%	%	%	Mcal/lb	%	Lb milk/ton	Lb milk/ac
Fs Invision	FS 6947T RIB	119	36.4	6.4	18.4	7.6	42.9	69.6	26.3	69.4	0.70	2,858	18,400
Redtail	RT 64T39	114	35.8	6.2	17.8	8.2	44.9	67.1	29.2	67.4	0.68	2,783	17,231
Fs Invision	FS 6627T RIB	116	36.5	5.9	16.8	8.1	43.3	65.7	25.5	70.0	0.68	2,794	16,429
Pioneer	P1380Q	113	34.8	5.8	16.6	8.2	43.8	67.0	27.4	68.7	0.69	2,822	16,429
Fs Invision	FS 6306T RIB	113	39.0	5.9	16.8	7.2	44.3	67.2	25.8	69.8	0.68	2,794	16,319
Fs Invision	FS 6432P RIB	114	33.5	5.5	15.7	7.0	43.0	66.4	25.7	69.9	0.69	2,810	15,477
Pioneer	P17677V	117	31.6	5.4	15.4	7.9	44.8	68.1	26.4	69.4	0.69	2,817	15,222
Integra	6493 VT2P	114	33.3	4.6	13.1	7.7	42.8	65.4	25.6	69.9	0.68	2,803	12,894
Integra	6720 VT2P	117	35.8	3.8	11.0	7.9	43.1	68.8	25.5	70.0	0.69	2,833	10,829
Integra	6891 3110	118	33.7	3.4	9.9	8.0	43.4	65.9	26.1	69.6	0.68	2,805	9,670
		Average	35.0	5.3	15.1	7.8	43.6	67.1	26.3	69.4	0.69	2,812	14,890
		CV	0.06	0.19	0.19	0.05	0.02	0.02	0.04	0.01	0.01	0.01	0.19
		LSD (0.05)	2.12	1.73	4.95	0.53	3.78	3.76	2.94	2.06	0.02	63	4,750

Hybrids are sorted by Milk2024, Lb milk/ac.

Table 5. Relative yield, quality, and yield x quality, Southern Piedmont AREC, Blackstone, VA in 2025.

Brand	Hybrid	DTM	Relative yield, relative ton/ac	Relative quality, relative ton lb milk/ton	Relative yield x quality, relative lb milk/ac
Fs Invision	FS 6947T RIB	119	121	102	124
Redtail	RT 64T39	114	117	99	116
Fs Invision	FS 6627T RIB	116	111	99	110
Pioneer	P1380Q	113	110	100	110
Fs Invision	FS 6306T RIB	113	111	99	110
Fs Invision	FS 6432P RIB	114	104	100	104
Pioneer	P17677V	117	102	100	102
Integra	6493 VT2P	114	87	100	87
Integra	6720 VT2P	117	72	101	73
Integra	6891 3110	118	65	100	65

Hybrids are sorted by relative Milk2024, Lb milk/ac.

Corn silage test results at the Northern Piedmont Center, Orange, VA in 2025

Table 6. Corn silage test results at the Northern Piedmont Center, Orange, VA in 2025.

Brand	Hybrid	DTM	Dry matter % at harvest	DM Yield	Yield at 35% DM	Crude Protein	ADF	NDF	NDFD	NEL	TDN	Milk2024	Milk2024
			%	ton/ac	ton/ac	%	%	%	%	Mcal/lb	%	Lb milk/ton	Lb milk/ac
SC	SC1185V	118	35.2	8.6	24.6	9.0	53.6	69.0	29.9	66.9	0.64	2,625	22,612
Fs Invision	FS 6432P RIB	114	35.9	8.8	25.0	7.6	56.9	67.9	33.0	64.7	0.63	2,575	22,568
Redtail	RT 67T79	117	37.0	8.4	24.0	7.5	54.8	71.7	33.0	64.7	0.66	2,684	22,528
Pioneer	P17677V	117	34.5	8.1	23.3	9.2	50.8	67.9	29.1	67.5	0.65	2,656	21,634
Seedway	SW 1661SS	116	35.8	8.4	24.1	7.4	55.5	66.4	32.1	65.4	0.62	2,544	21,429
Redtail	RT 64T39	114	36.0	8.0	23.0	7.4	54.4	69.9	31.5	65.8	0.65	2,645	21,262
Seedway	SW 8109V	117	35.2	8.0	22.9	7.5	57.1	71.6	34.0	64.0	0.65	2,645	21,237
Integra	6493 VT2P	114	34.1	7.6	21.6	8.7	49.3	66.4	28.7	67.7	0.65	2,672	20,222
Fs Invision	FS 6306T RIB	113	35.7	7.7	21.9	8.2	54.6	66.0	31.5	65.8	0.62	2,558	19,492
Seedway	SW 1331SP	113	35.4	7.5	21.5	8.0	54.7	67.6	31.5	65.8	0.63	2,579	19,399
Pioneer	P1380Q	113	36.0	7.2	20.5	7.9	53.3	68.9	31.8	65.6	0.65	2,643	18,965
Fs Invision	FS 6627T RIB	116	36.6	7.2	20.5	8.4	54.3	68.9	31.3	65.9	0.64	2,632	18,810
Integra	6891 3110	118	33.1	6.9	19.8	8.8	52.2	70.1	30.3	66.6	0.66	2,698	18,690
Fs Invision	FS 6947T RIB	119	37.1	7.4	21.2	6.0	62.4	70.5	37.8	61.4	0.61	2,509	18,686
SC	SC1135PCE	113	35.8	7.0	19.9	9.2	52.4	68.8	30.1	66.8	0.65	2,649	18,475
SC	SC1166PCUE	116	35.4	6.8	19.6	7.7	55.5	72.6	33.5	64.4	0.65	2,670	18,264
Integra	6720 VT2P	117	36.6	4.6	13.1	8.6	55.1	69.5	31.2	66.0	0.64	2,626	11,926
		Average	35.6	7.5	21.6	8.1	54.5	69.0	31.8	65.6	0.64	2,624	19,776
		CV	0.03	0.13	0.13	0.10	0.05	0.03	0.07	0.02	0.02	0.02	0.13
		LSD (0.05)	2.18	1.37	3.91	1.18	5.11	4.42	4.08	2.86	0.02	97	3,472

Hybrids are sorted by Milk2024, Lb milk/ac.

Table 7. Relative yield, quality, and yield x quality, Northern Piedmont Center, Orange, VA in 2025.

Brand	Hybrid	DTM	Relative yield, relative ton/ac	Relative quality, relative ton lb milk/ton	Relative yield x quality, relative lb milk/ac
SC	SC1185V	118	114	100	114
Fs Invision	FS 6432P RIB	114	116	98	114
Redtail	RT 67T79	117	112	102	114
Pioneer	P17677V	117	108	101	109
Seedway	SW 1661SS	116	112	97	108
Redtail	RT 64T39	114	107	101	108
Seedway	SW 8109V	117	106	101	107
Integra	6493 VT2P	114	100	102	102
Fs Invision	FS 6306T RIB	113	101	97	99
Seedway	SW 1331SP	113	100	98	98
Pioneer	P1380Q	113	95	101	96
Fs Invision	FS 6627T RIB	116	95	100	95
Integra	6891 3110	118	92	103	95
Fs Invision	FS 6947T RIB	119	98	96	94
SC	SC1135PCE	113	92	101	93
SC	SC1166PCUE	116	91	102	92
Integra	6720 VT2P	117	61	100	60

Hybrids are sorted by relative Milk2024, Lb milk/ac.

Corn silage test results at Shenandoah Valley, Broadway, VA in 2025

Table 8. Corn silage test results at Shenandoah Valley, Broadway, VA in 2025

Brand	Hybrid	DTM	Dry matter % at harvest	DM Yield	Yield at 35% DM	Crude Protein	ADF	NDF	NDFD	NEL	TDN	Milk2024	Milk2024
			%	ton/ac	ton/ac	%	%	%	%	Mcal/lb	%	Lb milk/ton	Lb milk/ac
Pioneer	P17677V	117	42.0	12.7	36.4	8.3	47.8	67.4	29.7	67.1	0.66	2,699	51,510
Redtail	RT 64T39	114	40.7	12.4	35.4	8.5	45.3	65.4	28.4	67.9	0.66	2,693	50,250
Fs Invision	FS 6947T RIB	119	46.6	12.9	36.8	7.4	47.4	60.5	30.0	66.9	0.63	2,579	49,840
SC	SC1166PCUE	116	43.5	12.6	36.1	8.3	50.0	65.0	29.7	67.0	0.64	2,601	49,093
Fs Invision	FS 6432P RIB	114	46.3	11.9	33.9	7.8	45.6	63.1	28.3	68.0	0.64	2,639	46,585
Seedway	SW 8109V	117	40.2	12.6	36.0	8.1	51.9	58.8	31.3	65.9	0.60	2,456	46,395
SC	SC1135PCE	113	46.1	11.7	33.4	8.4	42.6	59.8	27.2	68.8	0.64	2,627	46,024
Augusta	A1964	114	43.2	11.1	31.7	8.0	48.1	63.5	30.2	66.7	0.64	2,634	43,658
Seedway	SW 1661SS	116	42.5	11.9	34.0	7.4	51.5	56.9	32.5	65.1	0.59	2,433	43,555
Pioneer	P1380Q	113	42.3	11.2	32.1	8.0	49.0	62.0	30.0	66.9	0.63	2,567	43,400
SC	SC1185V	118	41.8	11.4	32.6	9.5	50.8	60.7	30.4	66.6	0.61	2,495	42,474
Fs Invision	FS 6627T RIB	116	45.2	11.2	32.1	7.6	48.9	56.0	30.6	66.4	0.60	2,451	41,288
Augusta	A5166	116	43.1	10.1	28.8	7.3	50.3	62.9	31.2	66.0	0.63	2,563	38,617
Integra	6493 VT2P	114	42.8	10.0	28.7	8.2	49.5	61.6	29.6	67.1	0.62	2,535	38,510
Redtail	RT 67T79	117	41.6	9.3	26.7	8.0	47.9	66.7	31.1	66.1	0.66	2,696	37,257
Augusta	A2464	114	38.0	9.4	26.9	8.9	45.5	62.1	28.7	67.7	0.64	2,635	37,143
Integra	6891 3110	118	39.9	9.6	27.3	8.2	52.2	61.3	30.9	66.2	0.61	2,496	35,408
Seedway	SW 1331SP	113	45.5	8.9	25.5	7.5	45.3	61.0	29.4	67.3	0.64	2,619	35,146
Fs Invision	FS 6306T RIB	113	46.0	9.0	25.7	7.6	52.7	56.0	32.1	65.4	0.57	2,348	31,680
Augusta	A3255	105	48.8	8.3	23.8	7.5	49.6	58.1	31.6	65.7	0.61	2,490	31,060
Integra	6720 VT2P	117	40.4	7.6	21.6	9.3	49.3	56.2	29.2	67.4	0.60	2,456	28,026
		Average	43.2	10.8	30.7	8.1	48.6	61.2	30.1	66.8	0.62	2,558	41,282
		CV	0.06	0.15	0.15	0.08	0.05	0.06	0.04	0.01	0.04	0.04	0.16
		LSD (0.05)	3.13	3.96	11.30	0.89	4.16	7.97	2.36	1.65	0.05	196	10,117

Hybrids are sorted by Milk2024, Lb milk/ac.

Table 9. Relative yield, quality, and yield x quality, Shenandoah Valley, Broadway, VA in 2025.

Brand	Hybrid	DTM	Relative yield, relative ton/ac	Relative quality, relative ton lb milk/ton	Relative yield x quality, relative lb milk/ac
Pioneer	P17677V	117	118	106	125
Redtail	RT 64T39	114	115	105	122
Fs Invision	FS 6947T RIB	119	120	101	121
SC	SC1166PCUE	116	117	102	119
Fs Invision	FS 6432P RIB	114	110	103	113
Seedway	SW 8109V	117	117	96	112
SC	SC1135PCE	113	109	103	111
Augusta	A1964	114	103	103	106
Seedway	SW 1661SS	116	111	95	106
Pioneer	P1380Q	113	104	100	105
SC	SC1185V	118	106	98	103
Fs Invision	FS 6627T RIB	116	104	96	100
Augusta	A5166	116	94	100	94
Integra	6493 VT2P	114	93	99	93
Redtail	RT 67T79	117	87	105	90
Augusta	A2464	114	88	103	90
Integra	6891 3110	118	89	98	86
Seedway	SW 1331SP	113	83	102	85
Fs Invision	FS 6306T RIB	113	84	92	77
Augusta	A3255	105	77	97	75
Integra	6720 VT2P	117	70	96	68

Hybrids are sorted by relative Milk2024, Lb milk/ac.

Corn silage test results at the Southwest Virginia AREC, Emory, VA in 2025

Table 10. Corn silage test results at the Southwest Virginia AREC, Emory, VA in 2025.

Brand	Hybrid	DTM	Dry matter % at harvest	DM Yield	Yield at 35% DM	Crude Protein	ADF	NDF	NDFD	NEL	TDN	Milk2024	Milk2024
			%	ton/ac	ton/ac	%	%	%	%	Mcal/ lb	%	Lb milk/ton	Lb milk/ac
Augusta	A1964	114	38.2	13.9	39.6	8.6	47.5	69.6	27.7	68.4	0.67	2,757	57,385
Integra	6720 VT2P	117	34.4	12.8	36.5	8.4	45.5	71.5	27.6	68.5	0.69	2,820	54,045
Pioneer	P1380Q	113	34.1	12.5	35.6	8.3	45.3	72.4	27.9	68.3	0.69	2,841	52,930
SC	SC1185V	118	33.0	12.7	36.3	8.3	47.2	68.0	28.8	67.7	0.66	2,723	52,089
Fs Invision	FS 6306T RIB	113	33.5	12.3	35.2	7.7	44.2	67.8	28.1	68.2	0.67	2,759	50,588
Integra	6493 VT2P	114	33.9	11.7	33.6	8.2	45.0	70.6	27.3	68.7	0.69	2,808	49,433
Integra	6891 3110	118	33.2	11.9	33.9	8.3	46.6	69.2	28.7	67.8	0.67	2,763	48,850
Pioneer	P17677V	117	35.0	11.5	33.0	7.8	45.0	69.8	28.8	67.7	0.68	2,782	48,106
Fs Invision	FS 6627T RIB	116	35.3	12.1	34.7	7.7	49.3	63.8	28.8	67.7	0.64	2,607	47,177
Fs Invision	FS 6432P RIB	114	36.0	10.8	31.0	8.4	43.2	72.1	27.5	68.6	0.70	2,858	46,534
SC	SC1135PCE	113	33.2	11.0	31.3	8.2	49.3	72.7	29.7	67.0	0.68	2,776	45,699
Augusta	A1466	116	33.3	11.2	32.1	8.5	48.6	69.1	28.9	67.6	0.66	2,720	45,373
SC	SC1166PCUE	116	34.3	10.9	31.2	7.9	49.6	68.3	29.7	67.0	0.66	2,686	44,141
Fs Invision	FS 6947T RIB	119	32.6	11.0	31.3	8.2	49.3	68.0	29.8	67.0	0.65	2,667	43,741
Augusta	A2464	114	31.8	10.5	30.1	8.1	48.0	70.2	29.4	67.2	0.68	2,765	43,732
		Average	34.1	11.8	33.7	8.2	46.9	69.5	28.6	67.8	0.67	2,755	48,655
		CV	0.05	0.08	0.08	0.03	0.04	0.03	0.03	0.01	0.02	0.02	0.08
		LSD (0.05)	3.43	3.41	9.74	0.68	5.38	7.37	2.65	1.86	0.05	209	9,165

Hybrids are sorted by Milk2024, Lb milk/ac.

Table 11. Relative yield, quality, and yield x quality, Southwest Virginia AREC, Emory, VA in 2025.

Brand	Hybrid	DTM	Relative yield, relative ton/ac	Relative quality, relative ton lb milk/ton	Relative yield x quality, relative lb milk/ac
Augusta	A1964	114	118	100	118
Integra	6720 VT2P	117	108	102	111
Pioneer	P1380Q	113	106	103	109
SC	SC1185V	118	108	99	107
Fs Invision	FS 6306T RIB	113	105	100	104
Integra	6493 VT2P	114	100	102	102
Integra	6891 3110	118	101	100	100
Pioneer	P17677V	117	98	101	99
Fs Invision	FS 6627T RIB	116	103	95	97
Fs Invision	FS 6432P RIB	114	92	104	96
SC	SC1135PCE	113	93	101	94
Augusta	A1466	116	95	99	93
SC	SC1166PCUE	116	93	97	91
Fs Invision	FS 6947T RIB	119	93	97	90
Augusta	A2464	114	89	100	90

Hybrids are sorted by relative Milk2024, Lb milk/ac.

Multi-year, multi-site results

Table 12. Multi-year, multi-site relative yield (ton per acre) results.

Brand	Hybrid	Days	Emory, Southwest Virginia/ Mountain		Blackstone, Southern Piedmont		Orange, Northern Piedmont		Broadway, Shenandoah Valley		Multi-site/ Multi-year average	OBS
			2024	2025	2024	2025	2024	2025	2024	2025		
Redtail	RT 64T39	114				117	119	107	94	115	138	4
Fs Invision	FS 6432P RIB	114	104	105	101	104	85	116	106	110	119	7
Fs Invision	FS 6627T RIB	116	109	100	104	111	111	95	96	104	119	7
Fs Invision	FS 6306T RIB	113	93	108	85	104	107	101	115	84	114	7
Seedway	SW 8109V	117					103	106	116	117	111	4
Fs Invision	FS 6947T RIB	119	93	101	101	121	102	98	120	120	107	8
SC	SC1185V	118	107	89			95	114	99	106	102	6
Redtail	RT 67T79	117					102	112	103	87	101	4
Augusta	A2464	114	103	106					102	88	100	4
SC	SC1135PCE	113	102	93			92	92	107	109	99	6
Augusta	A1964	114	93	108					87	103	98	4
Augusta	A5166	116	105						87	94	95	3
Integra	6493 VT2P	114	94	98		87	91	100	96	93	82	8
Integra	6891 3110	118	109	92		65	94	92	93	89	79	8
Integra	6720 VT2P	117	85	103		72	103	61	104	70	75	8

Hybrids are sorted by multi-year, multi-site relative yield (ton per acre).

Table 13. Multi-year, multi-site relative quality (lb milk per ton) results.

Brand	Hybrid	Days	Emory, Southwest Virginia/ Mountain		Blackstone, Southern Piedmont		Orange, Northern Piedmont		Broadway, Shenandoah Valley		Multi-site/ Multi-year average	OBS
			2024	2025	2024	2025	2024	2025	2024	2025		
Redtail	RT 64T39	114				99	99	101	100	105	126	4
Fs Invision	FS 6432P RIB	114	106	104	106	100	102	98	101	103	102	8
Integra	6891 3110	118	101	100		100	103	103	108	98	102	7
Redtail	RT 67T79	117					101	102	100	105	102	4
Augusta	A2464	114	99	100					105	103	102	4
SC	SC1135PCE	113	98	101			100	101	103	103	101	6
Augusta	A1964	114	96	100					104	103	101	4
Integra	6493 VT2P	114	100	102		100	103	102	96	99	100	7
Fs Invision	FS 6947T RIB	119	103	97	103	102	99	96	101	101	100	8
Seedway	SW 8109V	117					99	101	103	96	100	4
SC	SC1185V	118	102	99			99	100	100	98	100	6
Augusta	A5166	116	99						98	100	99	3
Fs Invision	FS 6627T RIB	116	102	95	102	99	101	100	98	96	99	8
Integra	6720 VT2P	117	95	102		101	100	100	98	96	99	7
Fs Invision	FS 6306T RIB	113	103	100	103	99	99	97	91	92	98	8

Hybrids are sorted by multi-year, multi-site relative quality (lb milk per ton).

Table 14. Multi-year, multi-site relative yield x quality (lb milk per acre) results.

Brand	Hybrid	Days	Emory, Southwest Virginia/ Mountain		Blackstone, Southern Piedmont		Orange, Northern Piedmont		Broadway, Shenandoah Valley		Multi-site/ Multi-year average	OBS
			2024	2025	2024	2025	2024	2025	2024	2025		
Redtail	RT 64T39	114				116	118	108	95	122	140	4
Fs Invision	FS 6432P RIB	114	109	96	109	104	87	114	105	113	120	7
Fs Invision	FS 6627T RIB	116	111	97	111	110	113	95	94	100	119	7
Fs Invision	FS 6306T RIB	113	95	104	95	110	105	99	105	77	113	7
Seedway	SW 8109V	117					103	107	120	112	110	4
Fs Invision	FS 6947T RIB	119	96	90	96	124	101	94	122	121	105	8
SC	SC1185V	118	108	107			94	114	99	103	104	6
Redtail	RT 67T79	117					103	114	100	90	102	4
Augusta	A1964	114	86	118					90	106	100	4
SC	SC1135PCE	113	99	94			93	93	109	111	100	6
Augusta	A2464	114	102	90					107	90	97	4
Augusta	A5166	116	104						85	94	94	3
Integra	6493 VT2P	114	94	102		87	92	102	94	93	83	8
Integra	6891 3110	118	111	100		65	98	95	99	86	82	8
Integra	6720 VT2P	117	80	111		73	103	60	100	68	74	8

Hybrids are sorted by multi-year, multi-site relative yield x quality (lb milk per acre).