

Westmoreland County Mid-Maturity Corn Hybrid Comparison

Cooperators

Producer: Louis Chandler, F.F. Chandler, Jr., and Ryan Balderson

Extension: Stephanie Romelczyk, ANR – Westmoreland, Trent Jones, ANR – Northumberland/Lancaster

Crop Management

Previous Crop: Soybeans

Soil Type: Kempsville loam

Tillage: No-till

Planting Date: April 25, 2022

Planting Equipment: Case IH 950 Cyclo Planter

Seeding Rate: 130,000

Preplant Fertilizer: 40-30-80-5S
40-20-0 with micros (starter)

Sidedress Fertilizer: 100-0-0-12.5S

Preplant Crop Protection: Acuron 1.5 qts/A + Princep 1.5 pts/A + Tombstone 1.5 oz/A

Post Emergence Crop Protection: 1. Halex 3.6 pts/A + Atrazine 1.5 pts/A
2. Miravis Neo 13.7 oz/A + Brigade 6 oz/A (aerial application)

Harvest Date: September 21, 2022

Harvest Equipment: CAT Challenger 670 with 6 row corn header



Virginia Cooperative Extension
Virginia Tech. • Virginia State University

Virginia Cooperative Extension is a partnership of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and local governments. Its programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, military status, or any other basis protected by law.

Westmoreland County Mid-Maturity Corn Hybrid Comparison

Table 1. The relative maturity, moisture percentage, test weight, and yield of hybrids entered in the mid-maturity group planted at the Westmoreland County location

Brand	Hybrid	Relative Maturity	% Moisture	Test Weight	Yield (bu./A at 15.5%)
Dyna-Gro	52VC63	112	17.4	58.3	263
Syngenta NK	1239-5122	112	16.6	58.0	247
AgriGold	A642-59VT2RIB	112	16.5	59.8	236
Pioneer	P1289AM	112	16.5	61.0	251
Revere	0918 SSXRIB	109	14.9	59.4	223
Augusta	A1961	111	15.1	59.1	233
Hubner	H09G056	109	14.6	58.6	244
Progeny	PGY 2010TRE	110	15.7	58.7	232
Dekalb	DKC62-70	112	16.5	61.0	246
MorCorn	MC4161	111	16.3	58.6	241
Chemgro Seeds	6929RSX	109	15.8	58.8	227



Virginia Cooperative Extension is a partnership of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and local governments. Its programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, military status, or any other basis protected by law.

Discussion: Excellent yields in this corn variety trial. This location had a total of 15.63 inches of rain between the planting date and harvest date (April: 0.04 in, May: 4.25 in, June: 3.40 in, July: 5.03 in, August: 2.87 in, September: 0.4 in).



Virginia Cooperative Extension
Virginia Tech. • Virginia State University

Virginia Cooperative Extension is a partnership of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and local governments. Its programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, military status, or any other basis protected by law.