



Virginia Cooperative Extension

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2020 Westmoreland County Mid-Maturity Corn Hybrid Demonstration Plot

Cooperators: **Producer:** F.F. Chandler, Jr. and Louis Chandler
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Industry: Participating Seed Company Representatives

Previous Crop: Soybeans
Soil Type: Savannah loam and Kempsville loam
Tillage: No-till
Planting Date: April 22, 2020
Planting Equipment: Case IH 950 Cyclo Planter
Seeding Rate: 30,000 (see note in discussion)
Row Spacing: 30"
Fertilizer: **Preplant:** 40-25-70-5S broadcast
Planting: 40-20-0 w/ S, B, and Zn
Sidedress: 120-0-0-15S

Crop Protection: **Preplant:** Acuron 1.5 qts/A + Princep 1.5 qts/A
Post Emergence: Halex 3.6 pts/A + Atrazine 1 qt/A + Black Label Zn ½ gal/A + Radiate 2 oz/A

Harvest Date: October 15, 2020
Harvest Equipment: John Deere 9400

Hybrid	Maturity (Days)	% Moisture	Yield (bu./A @15.5%)
Dekalb DKC62-53RIB*	112	23.3	57
Pioneer P1077AM*	110	20.8	119
Dyna-Gro DG52vc63*	112	22.3	107
Hubner H09G056*	109	24.7	105
Dekalb DKC62-53RIB	112	21.0	100
Pioneer P1077AM	110	18.5	157
Hubner H09G056	109	18.7	141
Local Seed Company LC1289 VT2P	112	18.9	134
Syngenta NK 1082-5222A	110	18.7	133
Augusta 7162	112	18.7	-

Progeny 2008	108	16.4	156
LG 5590	110	17.4	154
MorCorn MC4255	112	18.7	157

Discussion: Yields were good considering the year. The first four varieties were accidentally planted at a population of 50,000. There was enough seed to replant three of the four varieties at the farmer's standard population of 30,000. Seed and ear quality improved as harvest continued across the field. A weigh wagon error caused the weight of Augusta 7162 to not be taken.

Total rainfall between planting date and harvest date was over 25.46 inches. Due to COVID-19 and Extension office closures, some weather data was not recorded. This has been demarcated by a +/- (April: rainfall not recorded, May: 0.91 in +/-, June: 3.26 in +/-, July: 1.21 in +/-, August: 11.13 in, September: 6.64 in, October: 2.31 in).