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# Westmoreland Mid-Maturity Corn Hybrid Comparison - Chandler

## Cooperators

**Producer:** Louis Chandler and F.F. Chandler, Jr.

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

**Industry:**

## Crop Management

**Previous Crop:** Soybean

**Soil Type:** Kempsville loam

**Tillage:** No-till

**Planting Date:** April 20, 2023

**Planting Equipment:** Case IH 950 Cyclo Planter

**Seeding Rate:** 32,000

**Preplant Fertilizer:** 40-30-80-5S in April, Starter 200 lbs 20-10-0 with boron, zinc, sulfur and Accomplish Max

**Sidedress Fertilizer:** May 30: 110 lbs N, 15 lbs S

**Preplant Crop Protection:** April 12: 1 qt/A Gramoxone + 1.5 qts/A Bicep + 1.5 pts/A Princep (?) + 3 oz/A Explorer + 1.5 oz/A Tombstone + 12 oz/A 2,4-D

**Post Emergence Crop Protection:** May 5: 3.75 pt/A Acuron GT + 1 qt/A Atrazine + 2 oz/A Radiate + 1 gal Black Label Zn, July 7 (aerial): 13.7 oz/A Miravis Neo + 6 oz/A Sniper + 1 qt/A Terramar

**Harvest Date:** October 6, 2023

**Harvest Equipment:** CAT Challenger 670 with 6 row corn header

# Westmoreland Mid-Maturity Corn Hybrid Comparison - Chandler

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

Brand	Hybrid	Relative Maturity	% Moisture	Test Weight	Yield (Bu./A at 15.5%)
Revere	RV0918VT2P	109	16.0	57.3	206.6
Dyna-Gro	DG50VC09RIB	110	16.6	56.1	183.2
Chemgro	7035RDP	110	16.6	60.5	167.1
Invictis	1257	112	16.4	59.1	227.0
Pioneer	P1222YHR	112	16.5	58.3	197.0
Augusta	2061	111	16.4	56.6	201.3
Seed Consultants	SC 1112AM	111	15.8	58.0	196.2
Agri-Gold	A642-59	111	16.2	57.5	208.0
Hubner	H09G056	109	15.5	57.1	186.5
Dekalb	DKC 62-70	112	15.5	59.3	205.3

**Discussion:** Overall, very good yields at this trial location. At harvest, Invictis 1257 was still standing nice. This field is located 2.4 miles from a weather station; total rainfall from April 21 to October 9 was 23 inches (April=2.92", May=1.67", June=3.78", July=5.20", August=3.67", September=5.53", October=0.23"). The trial average is 197.8 bu/A.

# Westmoreland Mid-Maturity Corn Hybrid Comparison - Balderson

## Cooperators

**Producer:** Keith Balderson

**Extension:** Stephanie Romelczyk, ANR – Westmoreland, Trent Jones, ANR – Northumberland/Lancaster, Robbie Longest, ANR - Essex

**Industry:**

## Crop Management

**Previous Crop:** Hairy vetch cover crop

**Soil Type:** Kempsville loam and Montross silt loam

**Tillage:** No-till

**Planting Date:** April 21, 2023

**Planting Equipment:** John Deere 1750 Conservation Planter

**Seeding Rate:** 28,531 plants per acre

**Preplant Fertilizer:** March 1: 14-65-60/A to stimulate cover crop growth and supply P and K for corn  
April 14: 30-0-0-4S/A broadcast in burndown herbicides

**Sidedress Fertilizer:** June 7: 70-0-0-9S/A + Excelis Maxx Nitrogen Stabilizer + 2 qts/A Black Label Zn

**Preplant Crop Protection:** April 14: 2.5 pts/A Gramoxone SL + 1 oz/A Sharpen + 1 qt/A Atrazine 4L

**Post Emergence Crop Protection:** May 4: 3.6 pts/gal/A Halex GT + 1 qt/A Atrazine 4L

June 26: 1 qt/A Makaze

**Harvest Date:** October 9, 2023

**Harvest Equipment:** John Deere 9400 with 6-row corn header

# Westmoreland Mid-Maturity Corn Hybrid Comparison - Balderson

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

Brand	Hybrid	Relative Maturity	% Moisture	Test Weight	Yield (Bu./A at 15.5%)
Augusta	2061	111	15.8	56.7	199.9
Invictis	1257	112	15.9	58.2	208.2
Hubner	H09G056	109	14.8	56.0	199.6
Invictis	1257	112	16.2	58.3	190.1
Dekalb	DKC 62-70	112	15.2	60.3	202.1
Invictis	1257	112	16.1	59.2	198.5
Revere	RV0918VT2P	109	14.9	56.9	203.9
Invictis	1257	112	16.1	58.2	198.7
Dyna-Gro	DG50VC09RIB	110	16.3	56.1	119.9
Invictis	1257	112	16.1	59.0	172.5
Chemgro	7035RDP	110	14.9	59.0	157.4
Invictis	1257	112	15.1	59.0	186.6
Agri-Gold	A642-59	111	15.0	58.7	192.6
Invictis	1257	112	15.8	58.3	192.6
Pioneer	P1222YHR	112	15.1	57.1	201.1
Invictis	1257	112	15.5	58.1	177.5
Seed Consultants	SC 1112AM	111	15.3	58.7	158.2

**Discussion:** This corn variety trial was planted into a field that had a winter cover crop of hairy vetch. The hairy vetch cover crop stand and growth were very good. The vetch was estimated to supply 80 lbs of N per acre based on the growth. Weather conditions for the two weeks following planting were cool and wet (average high = 70, average low = 47, rain = 2.92 inches). Dyna-Gro DG50VC09RIB was observed to have very poor emergence which is reflected in the low yields. Chemgro 7035RDP also had a poor stand at harvest. This field is located 0.4 miles from a weather station; total rainfall from April 21 to October 9 was 23 inches (April=2.92", May=1.67", June=3.78", July=5.20", August=3.67", September=5.53", October=0.23"). The trial average is 185.8 bu/A and the check average (Invictis 1257) is 190.6 bu/A.