



Virginia Cooperative Extension

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2021 WESTMORELAND COUNTY MATURITY GROUP 4 SOYBEAN COMPARISONS

Cooperators: **Producer:** F.F. Chandler, Jr. and Louis Chandler
Extension: Stephanie Romelczyk, ANR - Westmoreland
Trent Jones, ANR - Northumberland/Lancaster
Robbie Longest, ANR - Essex

Previous Crop: Corn
Soil Type: Suffolk Sandy Loam
Tillage: No-till
Planting Date: May 24, 2021
Seeding Rate/Row Spacing: 30" rows
Fertilization: 18N - 50P - 75K, 5S
Crop Protection: **Burndown:** Gramoxone 1 qt/A + Liberty 1 qt/A +
Envivie 3.5 oz/A + Liberate 3/4 pt/A
June 30: Makaze 1.5 qt/A + Weatherguard 1 qt/100
gal + Radiate 2 oz/A + Anthem Max 3 oz/A + Quick
Ultra with Awaken 1 qt/A
August 3: Makaze 1qt/A + Franchise 3 oz/A + Miravis
Top 13.7 oz/A + Brigade 6 oz/A + Smart Trio 2 qt/A

Harvest Date: November 30, 2021
Harvest Equipment: John Deere 9400

Brand	Variety	Moisture%	Yield (bu/A)
Local Seed Company	LS4806XS	11.3	73.1
Local Seed Company	LS4606XFS	11.3	69.1
NK Seed	NK45-P9XF	11.6	63.7
NK Seed	S49-F5X	11.4	68.1
Dyna-Gro	S48XT90	11.6	63.1
Dyna-Gro	S48XF61S	11.3	65.6
Asgrow	AG48XF0	11.5	65.4
Asgrow	AG47XF0	11.3	63.3
Pioneer	P48A60X	11.5	69.2
Pioneer	P46A86X	11.7	65.4
DONMARIO Seeds	DM47X39	11.7	61.8
DONMARIO Seeds	DM48F61	11.4	61.0
Progeny	P 4821RX	11.6	61.0
MorSoy	MS 4850 XF/STS	11.8	65.8
MorSoy	MS 4640 XF/STS	11.8	67.5
Hubner	H47-30XF	11.6	70.7
Hubner	H48-31XF	11.5	66.3
USG	7480XT	12.0	66.5
USG	7487XTS	11.5	67.1

	AVERAGE	11.5	66.0

Discussion: Overall a good soybean plot. There were sprayer wheel tracks in both DonMario varieties, Local Seed Company 4806XS, and Hubmer H47-30XF which may have adversely affected yields.