

2022 Beaufort County Soybean Variety Trial Results  
 Poole Farms, Beaufort County

2022 Beaufort County Soybean Variety Trial - Late MG3

Company	Variety	Yield	CV	
Armor	39-F73	80.0	LSD (p=0.10)	19.3
Dyna-Gro	S38XF22	78.0	DF	n/s
USG	7392XFS	76.3	No significant yield difference	
STINE	39EC22	73.4		
Asgrow	AG38XF1	70.2		
Revere Seed	3908XFS	68.0		
Pioneer	P39A58X	63.0		
	Average	72.7		

2022 Beaufort County Soybean Variety Trial - Early MG4

Company	Variety	Yield	CV	
NK	NK44-Q5E3S	106.1	LSD (p=0.10)	6.1
Revere Seed	4299XS	101.3	DF	6.9
STINE	41EB32	93.8	Green varieties are not significantly different from the highest yielding yielding variety	
Asgrow	AG41XF2	92.9		
Pioneer	P42A96X	90.5		
Dyna-Gro	S41EN72	82.4		
Southern Harvest	SH 4022 E3	79.1		
	Average	92.3		

2022 Beaufort County Soybean Variety Trial - Late MG4

Company	Variety	Yield	CV	
NK	NK49-T6E3S	94.5	LSD (p=0.10)	4.3
Southern Harvest	SH 4622 E3	93.5	DF	4.4
Revere Seed	4606XFS	90.7	Green varieties are not significantly different from the highest yielding yielding variety	
Armor	46-F76	88.9		
STINE	47EE02	87.4		
Dyna-Gro	S46XF31S	86.5		
MorSoy	MS 4852 XF	86.4		
Asgrow	AG48XF2	86.3		
AgVenture	AV 47Y6E	86.1		
DONMARIO SEEDS	DM46E62	84.0		
USG	7461XFS	82.8		
Pioneer	P46A57BX	80.8		
	Average	87.3		



2022 Beaufort County Soybean Variety Trial - Early MG5

Company	Variety	Yield	CV	
Revere Seed	5029XF	69.8	LSD (p=0.10)	2.6
NK	NK52-D6E3	68.0	DF	8
Dyna-Gro	S52XT91	64.2	Green varieties are not significantly different from the highest yielding variety	
Pioneer	P52A05X	63.2		
MorSoy	MS 5461E	63.1		
Armor	54-E13	61.6		
Southern Harvest	SH5223E3	61.4		
USG	7529XTS	60.4		
Stine	50EE02	59.3		
Asgrow	AG53XF2	59.2		
	Average	63.0		

2022 Beaufort County Soybean Variety Trial - Late MG5

Company	Variety	Yield	CV	
Pioneer	P59A11SX	63.9	LSD (p=0.10)	2.4
Asgrow	AG56XF2	62.5	DF	6
Southern Harvest	SH5523E3	62.2	Green varieties are not significantly different from the highest yielding variety	
MorSoy	MS 5640XF	59.7		
Dyna-Gro	S55XT30	59.1		
DONMARIO Seeds	DM 59E01	58.4		
	Average	61.0		

2022 Beaufort County Soybean Variety Trial - MG6

Company	Variety	Yield	CV	
Armor	62-D60	64.9	LSD (p=0.10)	3.0
MorSoy	MS 6811E	58.4	DF	5
USG	7682XF	58.0	No significant yield difference	
NK	NK65-h5E3	57.7		
Revere Seed	6206X	54.9		
Southern Harvest	SH6323E3	54.0		
	Average	58.0		

2022 Beaufort County Soybean Variety Trial - MG7

Company	Variety	Yield	CV	
Armor	71-F12	62.8	LSD (p=0.10)	n/s
Revere Seed	7127XF	62.7	DF	3
MorSoy	MS 6975XF	60.7	No significant yield difference	
Southern Harvest	SH6823E3	59.5		
	Average	61.4		



Location: Poole Farms (Trial Location: 35.496799, -76.726590)  
Planting Dates MG3, MG4 Tests: April 29, 2022  
Planting Dates MG5, MG6, MG7 Tests: June 24, 2022  
Target Plant Population MG3, MG4 Tests: 100,000 Plants/Acre  
Target Plant Population MG5, MG6, MG7 Tests: 130,000 Plants/Acre  
Row Spacing: 15 Inches  
Trial Design: 4 Replications, Randomized Complete Block  
Soil Type: Portsmouth Loam, Tomotley Fine Sandy Loam

Thanks to:

Poole Farms, for the donation of land, equipment, fertilizer, and other resources.  
Ryan Heiniger, NCSU OVT Director, for providing the statistical analysis.  
Quality Equipment, for the donation of our test plot planter.  
The Blackland Farm Managers Association, for funding our tractor lease each year.  
Michael Buffaloe, Retired Soybean Extension Program Technician, for the harvest help.  
Dr. Rachel Vann, for the loan of the plot combine.

Rod Gurganus, Beaufort County Extension Director  
252-943-5832 mobile, 252-946-0111 office  
[rod\\_gurganus@ncsu.edu](mailto:rod_gurganus@ncsu.edu) email



# Multi Station/Sensor Report for 2022-04-29 to 2022-10-31

