

VARIETY AGRONOMIC INFORMATION

<u>Agronomic Traits</u>		<u>Disease and abiotic stress</u>		<u>Performance Notes</u>	
Growth Habit	Indeterminate	Southern Root-knot Nematode	S	Average %Check Mean	95%
Relative Maturity	4.6	Peanut Root-Knot Nematode	n/a	Breeding dataset	
Flower Color	Purple	Reniform Nematode	n/a	Plant Height (in)	38
Pubescence Color	Tawny	Cyst Nematode (SCN) Race 3	n/a	Lodging Score	1.8
Pod Wall Color	Tan	Cyst Nematode (SCN) Race 5	n/a	(1=erect; 5=prostrate)	
Hilum Color	Black	Stem Canker	R	Adaptation notes	Conventional variety adapted Mississippi Delta and East Coast growing environments
Seed Weight (g/100)		Frogeye Leaf Spot	R		
Seeds per Lb		Soil Chloride Sensitivity	Includer		
Protein (13% basis)	34.7	Metribuzin Sensitivity	Slight injury		
Oil (13% basis)	19.3	Flood Reaction at V-stages	Worse than average (7.9 vs. 5.9 test mean, p<0.001)		
Herbicide Technology	Conventional				

Performance versus checks of similar maturity (+/- 0.5RM). Arkansas breeding locations only

Entry	Yield (bu/ac)			
	2017	2018	2019	Mean
UA46i20C	73.6	63.9	67.8	68.4
AG4632	81.8	66.0	.	73.9
P48A60X / AG4835*	75.9	.	79.2	77.6
AG49X6 / AG4934 / P4930LL*	86	67.3	.	76.7
CZ 5147LL	.	.	66.6	66.6
P52A05X	.	.	79.0	79.0
P53A67X / AG5335*	85.6	.	73.4	79.5
CHECK MEAN	83.2	63.5	78.8	75.2
CV		7.0	3.0	
LSD		4.5	3.8	
No. Environments	2	4	2	

* P48A60X in 2019;
AG49X6 in 2019;
P53A67X in 2019.

