




AE4510 4.5 RM		Trait Options	Geographic Adaptation			PRO-FIT Placement				
		Western West of Miss. River	HR	Moves South well for early season variety	HR	Big performance and yield punch				
		Central (I-35 to I-65)	HR		Moves North well for full season variety	HR	Very clean and uniform looking line			
		Eastern East of Miss. River	HR				Well adapted in Mid-South and MO			
							Good SDS and Frog Eye scores			
General Characteristics		Agronomic Features				Disease Tolerance				
Plant Height	Med-Tall	Yield for Maturity		Excellent	Brown Stem Rot		Excellent			
Canopy/Plant type	Medium	Emergence		Excellent	Frogeye Leaf Spot		Excellent			
Growth Habit	Medium	Standability		Very Good	Iron Chlorosis		NA			
Flower Color	Purple	Shatter Resistance		Very Good	Phytophthora Field Tol.		Very Good			
Hilum Color	Imp.Black	Stress Tolerance		Excellent	SDS Tolerance		Very Good			
Pod Color	Tan	SCN Resistance Source		PI88789	White Mold		NA			
Pubescence	Gray	Phytophthora Res. Source		1a	Stem Canker		Excellent			
Protein	NA	No-Till Adaptability		Very Good	Root Knot		NA			
Oil	NA				Cover Crop Companion		Good			
Soil Placement		Recommended Seeding Rates				Herbicide Tolerance				
Light Soils: Low O.M., Low CEC, Low water holding capacity.		HR	Row Width	120/130	135/145	150/160	Conventional		Dicamba	
Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.		HR	30" Rows	R	HR	HR	Glyphosate		2,4-D	
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil		HR	Twin Rows	HR	HR	R				
Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.		HR	20" Rows	R	R	HR	Glufosinate		Callisto	
			<20" rows	NR	R	HR				
			Population ranges are listed in 1000 seeds/acre				Sulfonlurea		IsoxoflutoI	
NR=Not Recommended, R=Recommended, HR=Highly Recommended										
Notes:										