

31E37		Trait Options	Geographic Adaptation			PRO-FIT Placement				
<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">3.1 RM</div>			Western West of Miss. River	HR	Moves South well for early season variety	HR	Tough acres don't bother this one!			
			Central (I-35 to I-65)	HR		HR	Very solid from East to West			
			Eastern East of Miss. River	HR	Moves North well for full season variety	HR	Another strong Peking SCN option			
General Characteristics		Agronomic Features				Disease Tolerance				
Plant Height	Medium	Yield for Maturity	Very Good		Brown Stem Rot		NA			
Canopy/Plant type	Medium	Emergence	Very Good		Frogeye Leaf Spot		Very Good			
Growth Habit	Medium	Standability	Very Good		Iron Chlorosis		NA			
Flower Color	White	Shatter Resistance	Very Good		Phytophthora Field Tolerance		Very Good			
Hilum Color	Black	Stress Tolerance	Very Good		SDS Tolerance		Very Good			
Pod Color	Brown	SCN Resistance Source	Peking		White Mold		NA			
Pubescence	Lt. Tawny	Phytophthora Res. Source	1k		Stem Canker		Resistant			
Protein	NA	No-Till Adaptability	Very Good		Root Knot		NA			
Oil	NA				Cover Crop Companion		Very Good			
Soil Placement		Recommended Seeding Rates				Herbicide Tolerance				
Light Soils: Low O.M., Low CEC, Low water holding capacity.	HR	Row Width	Less than 130k	130k to 150k	More than 150k	Conventional	HR	Dicamba	NR	
Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.	HR	30" Rows	R	HR	HR	Glyphosate	HR	2,4-D	HR	
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil	HR	20" Rows	HR	HR	R	Glufosinate	HR	Callisto	NR	
Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.	HR	15" Rows	R	R	HR	Sulfonylurea	NR	Isoxoflutol	NR	
		7.5" Rows	NR	R	HR					
Population ranges are listed in 1000 seeds/acre										
NR=Not Recommended, R=Recommended, HR=Highly Recommended										
Notes: Our first Peking SCN line to manage emerging P188788 resistance Issues, out yielded AE3220 in both 2021 genetic supplier Missouri trials, will have multiple yield results and cyst RF (reproductive factor) comparisons with AE3220 from three Resor Seeds trial locations in 2022.										

