

<h1>77P19</h1> <h2>107 Day RM</h2>	Trait Options	Area of Adaptation				PRO-FIT Placement		
	VT2PRIB	Western West of Miss. River	R	Moves South well for early season hybrid	HR	High yield level in this maturity		
		Central (I-35 to I-65)	HR		HR	Nice flex ears with good test weight		
		Eastern East of Miss. River	HR	Moves North well for full season hybrid	HR	Very fast dry down		
					HR	Works well with average populations		

General Characteristics		Agronomic Features			Disease Tolerance		
GDD's Pollination	1335	Emergence	Excellent		Gray Leaf Spot	Good	
GDD's Black Layer	2670	Seedling Vigor	Very Good		Northern Leaf Blight	Very Good	
Pollination for Maturity	Late	Stalk Strength	Very Good		Southern Leaf Blight	NA	
Plant Height	Medium	Root Strength	Good		Common Rust	NA	
Leaf Type	Semi-Upright	Green Snap	Good		Southern Rust	NA	
Ear Height	Medium	Stay Green	Good		Eye Spot	NA	
Ear Type	Semi-Flex	Drydown	Excellent		Goss's Wilt	Good	
Kernel Rows	16-18	Drought Tolerance	Very Good		Anthracoese Stalk Rot	Good	
Cob Color	Red	Delayed Harvest	Good		Diplodia Ear Rot	NA	
Test Weight	Very Good	Response to Fungicide	Very Good		Physoderma Node Breakage	NA	
Husk Coverage	Very Good	Corn after Corn	Good		Tar Spot	NA	
Cover Crop Companion	Very Good	Silage Use	NA				

Soil Placement		Nitrogen Application				Recommended Seeding Rates			
Light Soils: Low O.M., Low CEC, Low water holding capacity.	HR	Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress	Row Width	Productivity Level		
							Low	Medium	High
Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.	HR	Corn/Soybean	R	HR	HR	30" Rows	29-31	31-33	33-35
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil	HR	Corn/Corn	NR	HR	HR	Twin Rows	30-32	32-34	34-36
Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.	R	Corn/Cover	NR	HR	HR	20" Rows	31-33	33-35	35-37
						<20" rows	31-33	33-35	35-37

Population ranges are listed in 1000 seeds/acre

NR=Not Recommended, R=Recommended, HR=Highly Recommended

Notes:

