

<h1>78P70</h1> <h2>108 Day RM</h2>	Trait Options	Area of Adaptation				PRO-FIT Placement			
	Conventional	Western West of Miss. River	R	Moves South well for early season hybrid	HR	Well adapted across the Corn Belt			
		Central (I-35 to I-65)	HR		HR	Girthy ears with a white cob			
		Eastern East of Miss. River	HR	Moves North well for full season hybrid	HR	Strong Goss' and Western movement			
					HR	Nice fall appearance			

General Characteristics		Agronomic Features			Disease Tolerance		
GDD's Pollination	1330	Emergence	Very Good		Gray Leaf Spot	Good	
GDD's Black Layer	2745	Seedling Vigor	Very Good		Northern Leaf Blight	Very Good	
Pollination for Maturity	Avg	Stalk Strength	Very Good		Southern Leaf Blight	NA	
Plant Height	Medium	Root Strength	Very Good		Common Rust	Good	
Leaf Type	Semi-Upright	Green Snap	Very Good		Southern Rust	NA	
Ear Height	Medium	Stay Green	Good		Eye Spot	NA	
Ear Type	Semi-Flex	Drydown	Good		Goss's Wilt	Very Good	
Kernel Rows	16-18	Drought Tolerance	Very Good		Anthracoese Stalk Rot	NA	
Cob Color	White	Delayed Harvest	Very Good		Diplodia Ear Rot	NA	
Test Weight	Good	Response to Fungicide	Very Good		Physoderma Node Breakage	NA	
Husk Coverage	Very Good	Corn after Corn	Very Good		Tar Spot	NA	
Cover Crop Companion	Very Good	Silage Use	Good				

Soil Placement		Nitrogen Application				Recommended Seeding Rates			
Soil Description	R/HR	Rotation - Timing	100% Preplant	Pre/ Sidedress	Starter/ Sidedress	Row Width	Productivity Level		
							Low	Medium	High
Light Soils: Low O.M., Low CEC, Low water holding capacity.	R	Corn/Soybean	R	HR	HR	30" Rows	30-32	32-34	34-36
Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.	HR					Twin Rows	31-33	33-35	35-37
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil	HR	Corn/Corn	NR	HR	HR	20" Rows	32-34	34-36	36-38
Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.	R	Corn/Cover	NR	HR	HR	<20" rows	32-34	34-36	36-38

Population ranges are listed in 1000 seeds/acre

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

Notes:

