

<h1>6816</h1> <h2>108 Day RM</h2>	Trait Options	Area of Adaptation				PRO-FIT Placement			
	SmartStaxRIB	Western <small>West of Miss. River</small>	R	Moves South well for early season hybrid	HR	Consistent performance across varied soils			
		Central (I-35 to I-65)	HR		Very good stalks and roots				
		Eastern <small>East of Miss. River</small>	HR	Moves North well for full season hybrid	HR	Late season plant health widens harvest window			
					Broadly adapted from east to west				

General Characteristics		Agronomic Features		Disease Tolerance	
GDD's Pollination	1330	Emergence	Very Good	Gray Leaf Spot	Very Good
GDD's Black Layer	2550	Seedling Vigor	Very Good	Northern Leaf Blight	Very Good
Pollination for Maturity	Ave	Stalk Strength	Excellent	Southern Leaf Blight	Good
Plant Height	Medium	Root Strength	Very Good	Common Rust	N/R
Leaf Type	Semi-Upright	Green Snap	Excellent	Southern Rust	NA
Ear Height	Medium	Stay Green	Very Good	Eye Spot	NA
Ear Type	Semi-Flex	Drydown	Good	Goss's Wilt	Fair
Kernel Rows	14-16	Drought Tolerance	Good	Anthracoese Stalk Rot	Very Good
Cob Color	Pink	Delayed Harvest	Good	Diplodia Ear Rot	NA
Test Weight	Good	Response to Fungicide	Yes	Physoderma Node Breakage	NA
Husk Coverage	Good	Corn after Corn	Very Good	Tar Spot	NA
Cover Crop Companion	Excellent	Silage Use	Very Good		

Soil Placement		Nitrogen Application				Recommended Seeding Rates			
Soil Description	Soil Recommendation	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.	HR	Corn/Soybean	R	HR	HR	30" Rows	29-31	31-33	33-35
Medium Soils: O.M. 1.5-3.5%, CEC 11-20, Good productivity, well drained silt loams.	HR	Corn/Corn	NR	HR	HR	Twin Rows	30-32	32-34	34-36
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil	HR	Corn/Cover	NR	HR	HR	20" Rows	31-33	33-35	35-37
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

Population ranges are listed in 1000 seeds/acre

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

Notes:

