

<h1 style="margin: 0;">6828</h1> <p style="margin: 0;">107 Day RM</p>	Trait Options	Area of Adaptation				PRO-FIT Placement			
	SmartStaxRIB VT2PRIB Conventional	Western <small>West of Miss. River</small>	HR	Moves South well for early season hybrid	HR	Top-end yield with large area of adaptation			
		Central (I-35 to I-65)	HR		Impressive disease tolerance				
		Eastern <small>East of Miss. River</small>	HR	Moves North well for full season hybrid	HR	Widely adapted hybrid that moves south well			
					Excellent stalks and roots with low green snap risk				

General Characteristics		Agronomic Features		Disease Tolerance	
GDD's Pollination	1280	Emergence	Excellent	Gray Leaf Spot	Good
GDD's Black Layer	2645	Seedling Vigor	Excellent	Northern Leaf Blight	Very Good
Pollination for Maturity	Ave	Stalk Strength	Excellent	Southern Leaf Blight	Very Good
Plant Height	Med-Tall	Root Strength	Very Good	Common Rust	Very Good
Leaf Type	Semi-Upright	Green Snap	Very Good	Southern Rust	NA
Ear Height	Medium	Stay Green	Very Good	Eye Spot	NA
Ear Type	Semi-Flex	Drydown	Excellent	Goss's Wilt	Very Good
Kernel Rows	16-18	Drought Tolerance	Excellent	Anthracoese Stalk Rot	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	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	Corn/Corn	NR	HR	HR	Twin Rows	32-34	34-36	36-38
Heavy Soils: High O.M. >3.5%, CEC >20, Well drained highly productive with deep top soil	HR	Corn/Cover	NR	R	HR	20" Rows	33-35	34-36	35-37
Poorly Drained Soils: Soils that tend to remain saturated for extended periods of time.	R	Corn/Cover	NR	R	HR	<20" rows	33-35	34-36	35-37

Population ranges are listed in 1000 seeds/acre

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

Notes:

