



Resor Seeds 2017 soybean seed treatment trial- 3 replications each location

Brand	Base Seed Treatment on Soybean variety #	Additional Product		BR	PM	GT	AVE
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus N-Hibit	Harpin Protein, initiates defense mechanism in plants	48.9 *	70.1 **	58.6 *	59.2 **
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	None	Resor Seeds Fungicide Base Product	48.6 *	68.9 *	59.2 *	58.9 *
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus N-Force	2 strain inoculant, 240 days on seed	49.9 **	67.6 *	58.0 *	58.5 *
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus IleVO	Half Rate of IleVO for Cyst Nematode	47.8	67.7 *	59.7 *	58.4 *
ProTect DI	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus Imidacloprid	Resor Seeds version of Protect DI	47.9	69.1 *	57.8	58.3 *
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus Graph-EX SA	Planter Box-inoculant and Trichoderma, mix that morning	47.8	68.8 *	57.1	57.9 *
Protect DI	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64) Ethoboxan (.30)	Plus Clothianidin	Pro Harvest version of Protect DI	45.9	67.4 *	59.9 **	57.7 *
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus Clariva	Biological Cyst control to pair with Thiabendazole for SDS	47.2	67.4 *	56.4	57.0 *
ProTect D	Rancona (.085) Metalaxyl (.75) Thiabendazole (.64)	Plus Marader	inoculant, extender, biological, 120 Days on Seed	45.1	67.1 *	57.6	56.6
**	Highest Yielding Treatment at Location			47.7	68.2	58.3	58.1
*	Not significantly different than the highest yielding treatment			1.9	4.3	1.9	2.2

LSD (.10)

Locations	
BR	Blue Ridge, Harrison County
PM	Palmyra, Marion County
GT	Greentop, Shuyler County

Fungicides-Combination to protect against Pythium, Phytophthora, Rhizoctonia, Fusarium	ProTect D (Rancona, metaxyl, thiabendazole,ethoboxan)
Inoculants-Bacteria added to colonize legume roots to produce N	N-Force, Graph-EX, Marader
Insecticide-In soybeans the main target is early feeding from soybean bean leaf beetle	Protect DI, (Imidacloprid, Clothianidin)
Nematodes- these products are promoted to have activity against cyst nematodes	N-Hibit, IleVO, Clariva
Sudden Death Syndrome- These products are promoted to have activity against SDS	N-Hibit, IleVO, Clariva, .64 oz Thiabendazole