



MU Soybean Treatment Study—Columbia

Objective:

Evaluate seed treatment and nutritional options sold in 2020 to aid in making future treatment decisions and recommendations for the 2021 season

Trial Details:

Location: Columbia, MO

Hybrid: Apex 3900 Enlist Soybeans

Data Source: Contract test, Small plot, 4 replications per treatment, LSD (.10), CV(%) 4.5%

Products Tested	Components	2020 Retail Price
Protect D	Fludioxonil, Metalaxyl, Thiophanate-Methyl	\$4.75
Protect Ultra	Ipconazole, Azoxystrobin, THB(8x), Metalaxyl N-Hibit Harpin Protein, Bradyrhizobium	\$12.75
Molly Dry	Planter box seed applied nutritional/talc graphite replacement	\$3.00
Saltro	Sudden Death Syndrome, Cyst Nematode seed treatment	\$11.25
Pulse	Seed nutritional spray additive used with post herbicide pass	\$4.80

Entry	Yield	Moisture	Population
Protect Ultra +Moly Dry	70.6**	8.6	108,437**
Protect D + Saltro	70.5*	9.1	101,268
Protect D	68.8*	8.8	105,274*
Protect Ultra + Moly Dry followed by Pulse	66.7	8.8	107,701*
Protect Ultra	66.5	8.7	103,220

****Highest Yield or Population**

***Yield or Population not significantly less than highest**