

Response of maturity group V Enlist soybean cultivars to stem canker, 2020

Company/Cultivar	Stem canker rating^{1,2}	Cultivar designation³
Terral REV 5190E (check)	0.0	R
Armor 51-E53	0.3	R
Delta Grow 51E60	0.0	R
Delta Grow 52E15/STS	0.1	R
Delta Grow 52E22	0.2	R
Go Soy 512E21	0.0	R
Local Seed Co. ZS5098E3	0.0	R
MorSoy MS 5110E	0.0	R
Progeny Ag 5211E3	0.0	R
	MSE	29.3
	CV (%)	29.3
	<i>P</i> -value for F-statistic	0.6939

¹Stem Canker Reaction-Ten plants per plot were inoculated with fungus-infested toothpicks. Ratings were given by individual plant reaction using a modified 0-9 scale based on lesion severity and are presented as the average for the ten plants. Where a lesion did not appear, a rating of 0 (Resistant) was assessed. Ratings were assessed based on the presence of a lesion whereby a reaction that produced a visible lesion that did not expand up the length of the stem was assessed as a 1. Dead plants with lesions that extended up most of the plant's length received a score of 9.

²Means followed by the same letter(s) within a column are not significantly different according to Fisher's Protected LSD ($P=0.05$).

³By using the Mean Disease Rating, a standardized designation system is as follows: 1 = Resistant, 3 = Moderately Resistant, 5 = Moderately Susceptible and 7 = Susceptible.