

**Response of maturity group V Enlist soybean cultivars to stem canker, 2021.**

<b>Company/Cultivar</b>	<b>Stem canker Rating<sup>1,2</sup></b>	<b>Cultivar designation<sup>3</sup></b>	
Progeny P5688RX (Check)	2.0 a	R	
Terral REV 5190E (Check)	3.0 ab	MR	
Delta Grow 53E30	0.5 bcd	R	
Don Mario DM51E62S	1.0 abc	R	
Innictis Seed B 5401E	0.0 d	R	
Progeny 5121E3S	0.0 d	R	
Progeny P5521E3S	0.1 cd	R	
	MSE	30.8	-
	CV (%)	38.2	-
	<i>P</i> -value for F-statistic	0.0039	-

<sup>1</sup>Stem 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.

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

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