

**Response of Maturity Group V LibertyLink soybean cultivars to stem canker, 2018.**

<b>Company/Cultivar</b>	<b>Stem canker rating<sup>1,2</sup></b>	<b>Cultivar designation<sup>3</sup></b>
Dyna-Gro 4567LL (check)	1.3	R
Dyna-Gro S52LL66 (2017 check)	0.1	R
Dyna-Gro S55LS75 (2017 check)	0.3	R
Credeuz CZ 5147 LL	0.0	R
Credeuz CZ 5150 LL	0.0	R
Credeuz CZ 5225 LL	0.0	R
Credeuz CZ 5242 LL	0.0	R
Credeuz CZ 5328 LL	0.0	R
Credeuz CZ 5445 LL	0.3	R
Go Soy 5115LL	0.5	R
LSD (0.05)	0.9	
CV (%)	249.7	
<i>P</i> -value for F-statistic	0.1128	

<sup>1</sup>Stem Canker Reaction-Eight plants per plot were inoculated with 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 eight 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.