

Response of Maturity Group V Liberty Link soybean cultivars to stem canker, 2016.

Company/Cultivar	Stem canker rating^{1,2}	Cultivar designation³
Delta Grow DG 4567 (Check)	4.00	MR
Credenz CZ 5147 LL	4.44	MR
Credenz CZ 5150 LL	3.38	MR
Credenz CZ 5225 LL	1.06	R
Credenz CZ 5242 LL	3.50	MR
Credenz CZ 5445 LL	3.91	MR
Credenz CZ 5515 LL	0.19	R
Delta Grow DG5067LL	3.25	MR
Dyna-Gro S52LL66	1.84	R
Dyna-Gro S55LS75	2.47	R
Go Soy 5115LL	4.19	MR
Go Soy 5215LL	0.94	R
Go Soy 5515LL	0.75	R
LSD (0.05)	4.2	-
CV (%)	111.6	-
<i>P</i> -value for F-statistic	0.4385	-

¹Stem Canker Reaction-8 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.

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.