

Disease ratings of Maturity Group IV LibertyLink soybean cultivars to stem canker, 2015.

Cultivar	Stem Canker rating ^{1,2}	Cultivar designation ³	Cultivar	Stem Canker rating ^{1,2}	Cultivar designation ³
LL Check	0.00 c	R	Delta Grow DG 4990 LL	0.60 bc	R
Armor 4.4	1.16 ab	R	Dyna-Gro S49LL34	0.00 c	R
Armor 47X5L	0.28 c	R	Go Soy 4714 LL	0.00 c	R
Armor 49X5L	0.03 c	R	Halo 4.8	0.28 c	R
Credenz CZ 3945 LL	0.23 c	R	Halo 4.95	0.00 c	R
Credenz CZ 4105 LL	0.00 c	R	Halo 4.98	0.00 c	R
Credenz CZ 4540 LL	0.00 c	R	Hornbeck HBK LL4653	0.22 c	R
Credenz CZ 4748 LL	0.03 c	R	Hornbeck HBK LL4950	0.00 c	R
Credenz CZ 4818 LL	0.00 c	R	Hornbeck HBK LL4953	0.00 c	R
Credenz CZ 4953 LL	0.00 c	R	Progeny Ag P 4560 LL	0.10 c	R
Delta Grow DG 4567 LL	1.81 a	R	Progeny Ag P 4814 LLS	0.00 c	R
Delta Grow DG 4781 LL	0.35 bc	R	Progeny Ag P 4928 LL	0.06 c	R
Delta Grow DG 4967 LL	0.13 c	R	Progeny Ag P 4930 LL	0.30 c	R
Delta Grow DG 4977 LL/STS	0.00 c	R	Terral REV® 49L29™	0.03 c	R
Delta Grow DG 4981 LL/STS	0.00 c	R	-	-	-
LSD (0.05)	-	-		0.9	-
CV (%)	-	-		315.1	-
<i>P</i> -value for F-statistic	-	-		0.0336	-

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.