

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

Cultivar	Stem Canker rating ^{1,2}	Cultivar designation ³	Cultivar	Stem Canker rating ^{1,2}	Cultivar designation ³
Dyna-Gro 39RY43 (susceptible check)	4.25 b	MR	MorSoy Extra 49X85	0.28 gh	R
Armor 49-R56	1.75 d-h	R	Mycogen 5N479R2	0.85 gh	R
Armor 49X	0.03 h	R	Mycogen 5N490R2(MYCX54480NR2)	0.72 gh	R
Armor AR4705	2.16 c-g	R	NK S47-K5	1.25 fgh	R
Armor AR4904	0.57 gh	R	NK S48-D9	0.50 gh	R
Asgrow AG4835	1.28 fgh	R	Pioneer 49T80R	0.88 gh	R
Asgrow AG4934	0.25 gh	R	Pioneer 94Y70	2.03 c-h	R
Credenz CZ 4959 RY	0.03 h	R	Pioneer 94Y82	4.72 ab	MR
Credenz RY4721	0.13 h	R	Pioneer P47T36R	1.57 d-h	R
Croplan R2C4752S	0.32 gh	R	Pioneer P47T89R	0.94 gh	R
Delta Grow DG 4755RR2	1.28 fgh	R	Pioneer P48T53R	0.75 gh	R
Delta Grow DG 4765RR2/STS	0.60 gh	R	Pioneer P49T97R	0.75 gh	R
Delta Grow DG 4775RR2/STS	0.56 gh	R	Progeny Ag P 4757RY	0.35 gh	R
Delta Grow DG 4790 RR2	3.19 b-f	MR	Progeny Ag P 4788RY	1.69 d-h	R
Delta Grow DG 4825RR2/STS	0.25 gh	R	Progeny Ag P 4850RYS	0.63 gh	R
Delta Grow DG 4880RR	0.13 h	R	Progeny Ag P 4900RY	1.16 gh	R
Delta Grow DG 4935 RR2/STS	1.44 e-h	R	Schillinger 495.RC	0.38 gh	R
Delta Grow DG 4970RR	0.31 gh	R	Steyer 4802R2	0.35 gh	R
Delta Grow DG 4995 RR	4.04 bc	MR	Terral REV® 47R34™	1.85 d-h	R
Dyna-Gro 37RY47	6.69 a	MS	Terral REV® 47R53™	3.50 bcd	MR
Dyna-Gro S48RS53	0.38 gh	R	Terral REV® 48A46™	0.19 gh	R
Dyna-Gro S49RY25	0.38 gh	R	Terral REV® 49A14	0.91 gh	R
Go Soy 4714GTS(MPG 4714)	1.44 e-h	R	Terral REV® 49A55™	1.63 d-h	R
Go Soy 4914GTS	4.32 b	MR	Terral REV® 49A75™	0.60 gh	R
Go Soy 4915R2	0.56 gh	R	Terral REV® 49R94™	0.57 gh	R
Great Heart Seed GT-476CR2	3.44 b-e	MR	Univ. of Missouri S11-20337	3.91 bc	MR
Great Heart Seed GT-477CR2	0.94 gh	R	USG 74B83RS(74B83R)	0.38 gh	R
Great Heart Seed GT-482CR2S	0.69 gh	R	USG 74D95RS	0.97 gh	R
Hornbeck HBK RY4721	0.35 gh	R	USG 74K95RS	1.07 gh	R
MorSoy Extra 47X12	0.47 gh	R	USG A74A74RS	0.71 gh	R
MorSoy Extra 48X02	0.16 gh	R	-	-	-
LSD (0.05)	-	-	-	2.0	-
CV (%)	-	-	-	112.1	-
P-value for F-statistic	-	-	-	<0.0001	-

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.