MISSISSIPPI STATE UNIVERSITY EXTENSION

2022 On-Farm Soybean Variety Demonstration

Maturity Group IV (MG 4.7–4.9) RR2X and XF Response to Iron Deficiency Chlorosis

MSPB MISSISSIPPI SOYBEAN PROMOTION BOARD

Brand	Variety	IDC Tolerance Scores[1]						Avg. IDC Tolerance Score[2]
Beck's	4885XF	5	5	5	4	4	4	4
Armor	48-D25	5	5	5	5	5	3	5
Armor	48-F22	5	5	5	5	5	3	5
Asgrow	AG47XF3	5	6	6	5	5	6	5
Asgrow	AG48XF3	5	5	5	5	5	4	5
Dyna-Gro Seed	S48XT90	5	5	5	5	5	3	5
Gateway Seed	471XF	5	6	6	5	6	6	5
Great Heart Seed	GT-4979X	5	5	5	6	5	5	5
Innvictis Seed Solutions	A4950X	5	6	6	6	5	5	5
MorSoy Seed	MS 4846	6	5	5	6	6	4	5
Revere	4795XS	4	5	5	5	5	5	5
Revere	4806XS	5	6	6	5	5	4	5
Revere	4826XF	5	6	6	5	5	5	5
Revere	4925XFS	5	6	6	5	5	6	5
Delta Grow Seed Co.	DG48F33/STS	5	6	6	6	6	6	6
Delta Grow Seed Co.	DG48X45RR2X/STS	6	6	6	6	6	6	6
Dyna-Gro Seed	S47XF23S	6	6	6	6	6	5	6
Dyna-Gro Seed	S48XF61S	6	6	6	7	7	6	6
Dyna-Gro Seed	S49XF82S	6	7	7	6	6	6	6
Dyna-Gro Seed	S49XT70	6	6	6	6	6	5	6
Great Heart Seed	GT-4756XF	5	6	6	6	6	5	6
Great Heart Seed	GT-4762XF	6	7	7	7	7	7	6
Innvictis Seed Solutions	A4742XF	6	6	6	6	6	6	6
Innvictis Seed Solutions	A4850XF	6	7	7	6	6	7	6
Local Seed	LS4727XF	5	7	7	7	7	6	6
MorSoy Seed	MS 4852	6	6	6	6	6	6	6
NK Seeds	47-Z1XF	6	6	6	6	6	7	6
Progeny Ag	P 4806XFS	6	7	7	6	7	6	6
Asgrow	AG49XF3	6	8	8	8	8	8	7
Delta Grow	49XF29/STS	6	7	7	7	7	7	7
Dyna-Gro Seed	S47XF52	6	7	7	7	7	6	7
Great Heart Seed	GT-4828X	7	7	7	8	7	8	7
Progeny Ag	P 4821RX	6	7	7	7	7	7	7

Notes:

[1]Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible. The six individual columns under this heading present tolerance scores collected at different rating intervals throughout the growing season. All scores are displayed as an average from two locations (Monroe and Lowndes Counties), except for the sixth column, which is from Monroe County only.

[2]Overall tolerance score averaged across all rating intervals and locations ($p < 0.0001$).

These data are intended to serve as an additional resource for variety selection specifically for soils with a history of problems associated with iron deficiency chlorosis. For detailed information on variety performance, consult other sources such as the results from official variety trials and demonstration programs.

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