

2021 MSU Extension On-Farm Demonstration Program: Maturity Group IV Early RR2X and XF Soybean Variety Response to Iron Deficiency Chlorosis

Iron Deficiency Chlorosis (IDC) Tolerance Scores.¹

Brand	Variety	Rating 1	Rating 2	Rating 3	Rating 4	Rating 5	Avg. score ²
Local Seed	LS4795XS	5	4	4	4	4	4
Progeny	P 4970 X	4	4	4	4	4	4
Pioneer	P47A64X	4	4	4	4	4	4
Asgrow	AG48XF0	4	4	4	4	4	4
Local Seed	LS4806XS	5	4	4	4	4	4
Dyna-Gro	S48XT90	5	4	4	4	4	4
Innvictis Seed	A4831XF	5	4	4	4	4	4
Armor	48-D25	5	4	4	5	4	4
Great Heart	GT-4979X	5	4	4	4	4	4
Progeny	P 4806 XFS	4	4	4	4	5	4
Beck's	4885XF	5	4	4	4	4	4
AgriGold	G4820RX	5	4	4	5	5	5
Delta Grow	DG48X45	5	5	5	5	4	5
Progeny	P 4816 RX	4	5	5	5	5	5
NK	S49-F5X	5	5	5	5	5	5
Asgrow	AG47XF0	5	5	5	5	5	5
Beck's	4991X2	5	5	5	5	5	5
Innvictis Seed	A4950X	5	5	5	5	5	5
Innvictis Seed	A4850XF	5	5	5	5	5	5
Dyna-Gro	S49XT70	5	5	5	5	5	5
Armor	48-F22	5	5	5	5	5	5
MorSoy	MS 4850 XT/STS	5	5	5	5	5	5
Local Seed	LS4805XFS	5	5	5	5	5	5

¹Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible. Tolerance scores were collected at different rating intervals throughout the growing season. All scores are displayed as an average from two locations (Monroe County and Lowndes County, Mississippi).

²Overall 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. Consult other sources such as results from official variety trials and demonstration programs for detailed information regarding variety performance.



This program is partially funded by the Mississippi Soybean Promotion Board.

Brand	Variety	Rating 1	Rating 2	Rating 3	Rating 4	Rating 5	Avg. score ²
USG	7491XFS	5	5	5	5	5	5
Delta Grow	DG48F20	5	5	5	5	5	5
Great Heart	GT-4828X	5	5	5	5	5	5
AgriGold	G4813XF	5	5	5	6	5	5
Progeny	P 4921 XFS	5	5	5	5	5	5
Great Heart	GT-4841XFS	6	5	5	6	5	5
Asgrow	AG48XF2	5	6	6	6	5	5
Progeny	P 4821 RX	6	6	6	6	6	6
Local Seed	LS4718XF	6	6	6	6	6	6
Great Heart	GT-4750XFS	6	6	6	6	6	6
DonMario Seeds	DM 48F61	5	6	6	6	6	6
Local Seed	LS4919XFS	6	6	6	6	6	6
Delta Grow	DG49F22/STS	6	6	6	6	6	6
USG	7481XF	6	6	6	6	6	6
Progeny	P 4851 RX	6	6	6	6	6	6
Innvictis Seed	A4791XF	6	6	6	6	6	6
Local Seed	LS4707XF	6	6	6	6	6	6
Armor	48-D03	6	7	7	6	7	6
Asgrow	AG47XF2	6	7	7	6	7	6

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