

2022 On-Farm Soybean Variety Demonstration Maturity Group IV (MG 4.5–4.6) RR2X and XF Response to Iron Deficiency Chlorosis



Brand	Variety	IDC Tolerance Scores ¹						Avg. IDC Tolerance Score ²
		5	6	6	6	5	4	
Armor	46-F13	5	6	6	6	5	4	5
Asgrow	AG45XF3	5	5	5	6	5	4	5
Delta Grow Seed Co.	DG46X65RR2X/STS	6	5	5	6	6	5	5
Dyna-Gro Seed	S46XF31S	5	5	5	5	4	3	5
Dyna-Gro Seed	S46XS60	5	5	5	5	5	5	5
Great Heart Seed	GT-4677XS	5	5	5	5	5	5	5
Great Heart Seed	GT-4681XFS	5	5	5	5	5	4	5
Innqvictis Seed Solutions	A4642XF	5	5	5	6	6	4	5
Innqvictis Seed Solutions	A4690XF	5	5	5	5	5	4	5
NK Seeds	45-P9XF	5	6	6	5	6	5	5
Progeny Ag	P 4604XFS	5	6	6	5	6	6	5
Revere	4606XFS	5	6	6	6	5	4	5
Delta Grow Seed Co.	DG46F18	6	7	7	6	6	7	6
Gateway Seed	453RXS	6	6	6	6	6	6	6
Gateway Seed	469XF	6	6	6	7	6	6	6
Innqvictis Seed Solutions	A4662XF	6	6	6	6	6	6	6
Progeny Ag	P 4505RXS	6	6	6	6	6	6	6
Progeny Ag	P 4521XFS	6	7	7	7	7	7	6
Revere	4526XF	5	6	6	6	6	5	6
Dyna-Gro Seed	S45XF02	6	7	7	7	7	7	7
Gateway Seed	465RXS	6	7	7	7	7	7	7
MorSoy	MS 4681	7	8	8	7	7	7	7
Beck's	4553XF	7	8	8	8	8	7	8
Innqvictis Seed Solutions	A4632XF	7	8	8	8	8	8	8

Notes:

¹Tolerance 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.

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. For detailed information on variety performance, consult other sources such as the results from official variety trials and demonstration programs.

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