

2021 MSU Extension On-Farm Demonstration Program: Maturity Group V 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
Pioneer	P53A67X	3	4	4	3	3	3
NK	57-A3XF	4	3	3	3	3	3
NK	S53-F7X	4	4	4	3	3	3
DonMario Seeds	DM 51X61	4	4	4	4	4	4
Innictis Seed	A5558X	4	4	4	4	4	4
Local Seed	LS5614XF	4	4	4	4	4	4
Dyna-Gro	S56XT99	4	4	4	4	4	4
Delta Grow	DG52X05/STS	4	4	4	4	4	4
Innictis Seed	A5341XF	4	4	4	4	4	4
Progeny	P 5554 RX	4	4	4	4	4	4
Local Seed	LS5009XS	4	4	4	4	4	4
Asgrow	AG56XF2	4	4	4	5	4	4
Progeny	P 5252 RX	4	5	5	4	4	4
Asgrow	AG55XF0	5	4	4	5	5	5
Local Seed	LS5386X	5	5	5	4	4	5
Dyna-Gro	S52XT91	5	5	5	5	5	5
Local Seed	LS5119XF	5	5	5	5	4	5
Great Heart	GT-5417X	5	5	5	5	5	5
Beck's	5005XF	5	5	5	5	5	5
Asgrow	AG53XF2	5	5	5	5	5	5
Great Heart	GT-5214X	5	6	6	5	6	6
Progeny	P 5425 XF	5	5	5	6	6	6
Innictis Seed	A5451XF	6	6	6	6	6	6
Local Seed	LS5418XFS	6	6	6	6	6	6
Delta Grow	DG54F20	6	6	6	6	6	6
Progeny	P 5016 RXS	6	6	6	6	6	6
Progeny	P 5003 XF	6	6	6	6	6	6

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.

Publication 3815-5 (9-22)

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Produced by Agricultural Communications.

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Extension Service of Mississippi State University, cooperating with U.S. Department of Agriculture. Published in furtherance of Acts of Congress, May 8 and June 30, 1914. GARY B. JACKSON, Director

