

2021 MSU Extension On-Farm Demonstration Program: Maturity Group IV Enlist E3 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
Progeny	P 4775 E3S	3	3	3	3	3	3
Delta Grow	DG47E20/STS	3	3	3	3	3	3
Dyna-Gro	S46ES91	4	3	3	3	3	3
Delta Grow	DG46E10	5	4	4	4	4	4
Dyna-Gro	S45ES10	5	4	4	4	4	4
Delta Grow	DG48E49/STS	5	4	4	5	4	5
Pioneer	P46T51E	5	5	5	5	5	5
Progeny	P 4541 E3S	6	5	5	5	5	5
DonMario Seeds	DM48E62S	6	5	5	5	5	5
Innvictis Seed	B4681E	6	5	5	6	5	5
Pioneer	P49T62E	5	6	6	5	6	5
Innvictis Seed	B4841E	6	6	6	6	6	6
Progeny	P 4931 E3S	6	6	6	6	6	6
Delta Grow	DG48E59	6	6	6	6	6	6
Delta Grow	DG49E20	6	6	6	6	6	6
Dyna-Gro	S49EN79	6	6	6	7	7	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 3815-1 (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

