MISSISSIPPI STATE UNIVERSITY EXTENSION

2023 RR2X & XF Soybean Maturity Group V Variety Response to Iron Deficiency Chlorosis

Brand	Variety	IDC Tolerance Score[1]					Avg. IDC Tolerance Score[2]
Delta Grow	DG55XF23	2	3	4	5	4	3
Pioneer	P53A67X	2	3	3	3	3	3
Asgrow	AG56XF2	3	3	4	6	5	4
Innvictis	A5813XF	3	3	5	5	5	4
NK Seeds	NK56-Z6XFS	2	3	5	5	4	4
Progeny	5751XF	2	4	5	6	5	4
Asgrow	AG53XF2	4	5	5	7	6	5
Delta Grow	DG53XF95/STS	3	4	5	7	6	5
Delta Grow	DG55X25	4	4	6	6	5	5
Dyna-Gro	S52XT91	3	5	5	7	6	5
Great Heart Seed	GT-5214X	4	5	6	7	6	5
Great Heart Seed	GT-5417X	3	4	6	7	6	5
Innvictis	A5003XF	4	4	6	6	6	5
Delta Grow	DG52XF22/STS	4	6	7	8	7	6
Great Heart Seed	GT-5320XF	4	6	7	8	6	6
NK Seeds	NK52-V1XF	3	5	7	8	6	6
Pioneer	P50A08LX	4	6	7	8	7	6
Revere	5029XF	4	6	7	9	8	6
Progeny	5056XFS	5	7	8	9	8	7
Progeny	5441XF	4	7	8	9	8	7
Progeny	5641XF	5	7	8	8	7	7
NK Seeds	NK54-J9XFS	5	8	9	9	9	8

[1] Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible. The five individual columns under this heading present tolerance scores collected at one week intervals beginning at 21 days after planting. All scores are displayed as an average from two locations (Monroe and Lowndes Counties).

[2] Overall tolerance score averaged across all rating intervals and locations ($p = 0.221$).

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.

MSPB
MISSISSIPPI SOYBEAN PROMOTION BOARD

The information given here is for educational purposes only. References to commercial products, trade names, or suppliers are made with the understanding that no endorsement is implied and that no discrimination against other products or suppliers is intended.

Publication 4056-3 (POD-10-24)

By **Trent Irby**, PhD, Associate Director and Professor, **Brittany Elliott**, Extension Associate II, **William Paul O'Neal**, Extension Technician, **Paul Garrett Oswalt**, Extension Associate II, Plant and Soil Sciences, and **Brad Burgess**, Director, Research Support–Variety Testing.

MISSISSIPPI STATE UNIVERSITY EXTENSION

Produced by Agricultural Communications.

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. ANGUS L. CATCHOT JR., Director