

2020 Soybean Maturity Group V Enlist E3 Variety Response to Iron Deficiency Chlorosis



Maturity Group V Enlist E3 Response to Iron Deficiency Chlorosis (IDC)							
Brand	Variety	IDC tolerance score ¹					Avg. IDC tolerance score ²
Delta Grow	52E15/STS	2	3	3	3	3	3
Local Seed	ZS5098E3S	3	3	3	4	3	3
Delta Grow	51E60	4	5	5	6	6	5
Go Soy	512E21	4	5	5	6	6	5
MorSoy	MS 5110E	4	6	6	5	5	5
Progeny	5211E3	5	7	7	7	7	6

¹Tolerance 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 different rating intervals throughout the growing season. They are displayed as an average across two Mississippi locations: Monroe County and Lowndes County. (p < 0.0001)

²Overall tolerance score averaged across all rating intervals and locations.

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 publication was partially supported by the Mississippi Soybean Promotion Board.

Publication 3630 (POD-5-21)

By **Trent Irby**, PhD, Associate Extension Professor, Department of Plant and Soil Sciences.

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.



Copyright 2021 by Mississippi State University. All rights reserved. This publication may be copied and distributed without alteration for nonprofit educational purposes provided that credit is given to the Mississippi State University Extension Service.

Produced by Agricultural Communications.

Mississippi State University is an equal opportunity institution. Discrimination in university employment, programs, or activities based on race, color, ethnicity, sex, pregnancy, religion, national origin, disability, age, sexual orientation, gender identity, genetic information, status as a U.S. veteran, or any other status protected by applicable law is prohibited.

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