

## 2021 MSU Extension On-Farm Demonstration Program: Maturity Group V Enlist E3 Soybean Variety Response to Iron Deficiency Chlorosis

### Iron Deficiency Chlorosis (IDC) Tolerance Scores.<sup>1</sup>

| Brand          | Variety    | Rating 1 | Rating 2 | Rating 3 | Rating 4 | Rating 5 | Avg. score <sup>2</sup> |
|----------------|------------|----------|----------|----------|----------|----------|-------------------------|
| DonMario Seeds | DM 51E62S  | 4        | 4        | 4        | 3        | 3        | 4                       |
| Progeny        | P 5121 E3S | 4        | 4        | 4        | 4        | 3        | 4                       |
| Progeny        | P 5521 E3S | 4        | 4        | 4        | 4        | 4        | 4                       |
| Innvictis Seed | B5401E     | 5        | 4        | 4        | 5        | 5        | 4                       |
| Delta Grow     | DG53E30    | 5        | 5        | 5        | 5        | 5        | 5                       |

<sup>1</sup>Tolerance 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).

<sup>2</sup>Overall tolerance score averaged across all rating intervals and locations. ( $p < 0.0024$ ).

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.



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