

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

Brand	Variety	IDC Tolerance Score ¹					Avg. IDC Tolerance Score ²
Armor Seed	45-F02	3	3	4	5	4	3
Asgrow	AG45XF3	3	3	3	5	4	3
Beck's	4337XF	3	3	3	4	4	3
Great Heart Seed	GT-4366XFS	2	3	3	5	4	3
NK Seeds	NK43-Y9XFS	3	3	3	5	3	3
Revere	4526XF	3	3	4	5	4	3
Revere	4606XF	2	3	3	4	3	3
Armor Seed	46-F96	4	4	5	6	5	4
Asgrow	AG46XF3	3	3	4	5	4	4
Delta Grow	DG44XF75/STS	3	3	4	5	4	4
Delta Grow	DG46X65/STS	4	3	4	6	4	4
Dyna-Gro	S46XF31S	3	4	4	5	5	4
Gateway Seed	457XFS	3	4	5	6	5	4
Great Heart Seed	GT-4677XS	3	3	5	6	4	4
Great Heart Seed	GT-4681XFS	3	4	5	5	4	4
Innictis	A4503XF	3	3	4	5	5	4
NK Seeds	NK42-T5XF	3	3	5	5	4	4
NK Seeds	NK46-B4XFS	3	3	4	5	4	4
Progeny	4604XFS	3	4	4	6	4	4
Progeny	4691XFS	3	4	5	6	5	4
Armor Seed	44-D49	4	5	6	7	5	5
Asgrow	AG39XF3	4	5	6	7	6	5
Delta Grow	DG46XF54	4	5	6	7	6	5
Don Mario	DM45F23	3	4	5	6	6	5
Gateway Seed	461XFS	4	4	5	6	6	5
Gateway Seed	469XF	4	4	5	6	6	5
Great Heart Seed	GT-4538XFS	3	4	5	6	5	5
NK Seeds	NK44-J4XFS	4	4	5	6	5	5
Pioneer	P44A21X	4	5	5	7	5	5
Progeny	4623XFS	3	5	6	7	6	5
Dyna-Gro	S42XF93S	5	5	6	7	7	6
Progeny	4665XFS	5	6	7	7	6	6
Revere	4415XF	6	7	8	9	9	8

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 one week intervals beginning at 21 days after planting. All scores are displayed as an average from two locations (Monroe and Lowndes Counties).

²Overall 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.

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