

2022 On-Farm Soybean Variety Demonstration Seed Quality Results for Irrigated MG IV (Mixed/Light) RR2X and XF Varieties

Brand	Variety	Damaged Kernels Total (DKT) Score by Individual County Location ^[1]							Overall DKT ^[2] Average
		Bolivar	Carroll	DeSoto	Leflore	Leflore(2)	Sunflower	Washington	
Asgrow	AG47XF2	0.1	3.1	-	1.7	2.4	6.5	0.9	2.3
Asgrow	AG48X9	0.4	2.1	0.4	1.4	4.3	0.1	0.9	1.4
Asgrow	AG48XF2	0.8	1.6	1.0	2.7	3.9	0.2	1.7	1.7
Beck's	4553XF	0.1	-	0.5	2.6	3.5	1.4	3.4	2.0
Delta Grow Seed Co.	48X45	0.3	0.3	0.4	1.1	3.6	0.3	-	1.0
Dyna-Gro	S45XF02	0.2	2.1	0.8	2.5	2.6	1.2	1.8	1.6
Dyna-Gro	S48XT90	0.3	1.8	0.5	1.1	4.3	0.8	-	1.5
Great Heart Seed	GT-4677XS	0.4	1.0	0.5	1.3	1.6	0.9	2.3	1.1
Innvictis Seed Solutions	A4690XF	0.3	0.6	0.5	1.5	2.8	0.2	2.1	1.1
NK Seeds	NK48-H3XFS	0.4	1.7	0.7	2.7	3.0	0.7	1.0	1.5
NK Seeds	S49-F5X	0.4	1.9	0.7	-	2.1	1.1	1.1	1.2
Pioneer	P47A64X	0.2	3.4	0.7	1.8	4.7	0.3	1.3	1.8
Progeny Ag	P 4604 XFS	0.5	3.9	0.6	1.5	2.4	0.9	1.6	1.6
Progeny Ag	P 4806 XFS	0.6	3.1	0.5	1.1	4.9	0.5	2.6	1.9
Revere Seed	4795XS	0.9	0.7	0.3	0.7	2.5	0.6	2.3	1.1
Revere Seed	4925XFS	0.6	3.5	0.2	1.5	3.4	0.5	-	1.6

Notes:

^[1]Planting and Harvest Dates:

- Bolivar planted 05-01-2022; harvested 09-20-2022
- Carroll planted 05-10-2022; harvested 10-05-2022
- DeSoto planted 05-10-2022; harvested 10-04-2022
- Leflore planted 04-27-2022; harvested 09-28-2022
- Leflore(2) planted 04-27-2022; harvested 09-13-2022
- Sunflower planted 05-10-2022; harvested 09-30-2022
- Washington planted 05-11-2022; harvested 10-04-2022

^[2]DKT scores were analyzed in SAS 9.4; average scores were found to be significantly different across the varieties that were evaluated ($\alpha = 0.4938$). DKT scores were determined by Mid-South Grain Inspection Services, which is an official USDA-designated grain inspection agency.

Publication 3975-3 (POD-02-24)

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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. ANGUS L. CATCHOT JR., Director