

2022 On-Farm Soybean Variety Demonstration Seed Quality Results for Non-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
		Benton	Monroe	Oktibbeha	Rankin	
Asgrow	AG47XF2	0.5	0.5	3.6	19.8	6.1
Asgrow	AG48X9	0.4	3.2	2.9	7.7	3.5
Asgrow	AG48XF2	0.8	8.5	6.9	16.6	8.2
Beck's	4553XF	0.6	7.1	3.9	22.2	8.4
Delta Grow Seed Co.	48X45	1.1	-	2.6	15.8	6.7
Dyna-Gro	S45XF02	0.5	7.2	7.2	25.3	10.1
Dyna-Gro	S48XT90	0.6	12.5	2.7	8.2	6.0
Great Heart Seed	GT-4677XS	0.7	11.1	4.2	14.6	7.7
Innqvictis Seed Solutions	A4690XF	0.3	10.9	13.3	13.2	9.4
NK Seeds	NK48-H3XFS	0.5	6.6	8.0	8.9	6.0
NK Seeds	S49-F5X	0.9	2.1	6.8	13.9	5.9
Pioneer	P47A64X	0.4	-	7.0	12.9	6.9
Progeny Ag	P 4604 XFS	0.6	8.9	5.0	14.8	7.3
Progeny Ag	P 4806 XFS	1.7	11.9	7.7	23.0	11.1
Revere Seed	4795XS	0.3	8.0	1.9	10.7	5.2
Revere Seed	4925XFS	1.3	11.2	2.2	11.9	6.6

Notes:

^[1]Planting and Harvest Dates:

- Benton planted 05-12-2022; harvested 10-11-2022
- Monroe planted 05-04-2022; harvested 09-28-2022
- Oktibbeha planted 05-09-2022; harvested 09-27-2022
- Rankin planted 04-21-2022; harvested 09-15-2022

^[2]DKT scores were analyzed in SAS 9.4; average scores were found to be significantly different across the varieties that were evaluated ($\alpha = 0.3135$). DKT scores were determined by Mid-South Grain Inspection Services, which is an official USDA-designated grain inspection agency.

Publication 3975-4 (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