

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

Brand	Variety	Damaged Kernels Total (DKT) Score by Individual County Location ^[1]					Overall DKT ^[2] Average
		Bolivar	Humphreys	Sharkey	Sunflower	Washington	
Asgrow	AG47XF2	0.8	0.9	2.5	0.8	2.1	1.4
Asgrow	AG48X9	1.2	0.9	2.3	0.6	1.1	1.2
Asgrow	AG48XF2	0.9	1.4	2.8	1.1	3.7	2.0
Beck's	4885XF	1.0	1.2	4.7	0.9	-	2.0
Dyna-Gro	S46XF31S	0.7	0.8	2.4	0.7	-	1.2
Dyna-Gro	S47XF23	0.8	0.4	1.9	1.0	1.0	1.0
Great Heart Seed	GT-4979X	1.3	-	4.6	1.0	2.0	2.1
Innqvist Seed Solutions	A4850XF	0.9	0.5	2.7	-	2.4	1.5
NK Seeds	NK45-P9XF	0.8	1.4	3.0	1.4	2.0	1.7
NK Seeds	S49-F5X	1.1	-	4.1	1.7	2.2	2.1
Pioneer	P48A32X	1.1	0.3	4.1	0.6	0.7	1.4
Progeny Ag	P 4505 RXS	0.7	1.2	4.0	1.2	1.8	1.8
Progeny Ag	P 4604 XFS	0.9	1.2	3.5	0.5	0.9	1.4
Revere Seed	4606XFS	0.7	0.8	2.5	1.0	0.8	1.2
Revere Seed	4806XS	1.1	1.0	3.3	0.8	3.1	1.9

Notes:

^[1]Planting and Harvest Dates:

- Bolivar planted 05-05-2022; harvested 10-04-2022
- Humphreys planted 05-05-2022; harvested 10-06-2022
- Sharkey planted 06-01-2022; harvested 10-10-2022
- Sunflower planted 05-02-2022; harvested 09-29-2022
- 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 ($\alpha = 0.0360$). DKT scores were determined by Mid-South Grain Inspection Services, which is an official USDA-designated grain inspection agency.

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