

2021 MSU Extension On-Farm Demonstration Program:  
Soybean Seed Quality Results —  
Irrigated Maturity Group IV Early  
RR2X and XF Varieties

**Damaged Kernels Total (DKT) Score by Individual County Location.**

Brand	Variety	Bolivar <sup>1</sup>	Coahoma <sup>2</sup>	Washington <sup>3</sup>	Overall DKT <sup>4</sup> avg.
Asgrow	AG43X0	—	2.1	0.7	0.9
Dyna-Gro	S43XS70	0.5	4.8	1.0	2.1
Great Heart Seed	GT-4255XS	1.0	2.3	0.7	1.3
Local Seed Co.	LS4299XS	0.7	1.5	1.0	1.1
NK	S44-C7X	1.6	7.4	2.1	3.7
Pioneer	P42A96X	1.1	2.3	2.4	1.9
Progeny	P 4505 RXS	0.5	5.5	1.3	2.4

<sup>1</sup>Planted April 30, 2021; Harvested September 28, 2021.

<sup>2</sup>Planted May 07, 2021; Harvested October 14, 2021.

<sup>3</sup>Planted May 21, 2021; Harvested October 12, 2021.

<sup>4</sup>DKT scores were analyzed in SAS 9.4, average scores were found to not be significantly different across the varieties that were evaluated ( $\alpha = 0.2177$ ) DKT scores were determined by Mid-South Grain Inspection Services, which is an official USDA designated grain inspection agency.



**This program is partially funded by the Mississippi Soybean Promotion Board.**

**Publication 3805-1 (POD-8-22)**

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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. GARY B. JACKSON, Director

