



Seed Retained Over Screen

Brand	Hybrid	Technology Traits ^a	Yield ^b lb/ac	Moisture percent	Test Weight lb/bu	Plant Height in	Population plants/ac	Seed Retained Over Screen			
								Over 24/64	Over 22/64	Over 20/64	Over 16/64
Nuseed	4334	Clearfield	3618	10.4	18.9	77	13,145	48.0	82.8	94.9	99.3
Red River Commodities, Inc.	RRC 2215	N/A	3561	9.2	21.3	73	12,995	24.7	63.0	90.9	98.8
Red River Commodities, Inc.	RRC Exp 17-1	N/A	3497	9.4	21.8	71	14,375	15.3	53.8	85.0	98.8
Nuseed	5009	N/A	3236	9.8	20.9	66	11,061	21.7	51.6	84.9	98.8
Valia Genetics	Valia 41	N/A	3159	9.6	20.6	63	11,323	26.5	58.5	87.3	98.1
Red River Commodities, Inc.	RRC 2215 CL	Clearfield	2978	10.1	20.6	66	9,078	38.5	74.7	92.1	99.3
Red River Commodities, Inc.	RRC 8015	N/A	2937	9.4	17.8	61	13,820	-	-	-	-
Red River Commodities, Inc.	RRC 8025	N/A	2505	9.2	18.8	60	12,705	31.4	62.8	86.7	98.7
Nuseed	Panther DMR	DM	2447	8.6	21.6	64	10,761	32.6	63.7	85.8	99.4
Average			3104	9.5	20.2	67	12,140	29.8	63.9	88.5	98.9
^c LSD (P<0.30)			149								
^c LSD (P<0.05)			291								
Coefficient of Variation (%)			14.6								

^aTechnology trait designations: Clearfield=tolerant to Beyond herbicide; DM=downy mildew resistance; N/A=no technology traits.

^bYields were corrected to 10% moisture.

^cIf the difference between two hybrid yields equals or exceeds the LSD value, there is a 70% chance (P<0.30) or 95% chance (P<0.05) the difference is significant.

Site Information

Collaborator: Gerhard Heintges
 Planting Date: June 12, 2017
 Harvest Date: October 31, 2017
 Fertilizer: N at 120, P at 35, and S at 10 lb/ac
 Herbicide: Dual Magnum and Spartan
 Insecticide: Lorsban and Warrior to control moths
 Irrigation: Center-pivot
 Soil Type: Richfield silty clay loam

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