



2017 Irrigated Confection Sunflower Hybrid
Variety Performance Trial at Prospect Valley

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
Red River Commodities, Inc.	RRC Exp 17-1	N/A	3909	10.9	23.2	63	15,367	16.3	60.7	92.0	98.4
Red River Commodities, Inc.	RRC 8015	N/A	3871	10.4	20.5	57	14,314	28.3	64.7	89.3	99.0
Red River Commodities, Inc.	RRC 8025	N/A	3820	10.8	19.9	56	14,552	20.6	53.3	82.1	98.3
Nuseed	4334	Clearfield	3770	12.1	19.5	66	12,088	58.0	84.1	94.3	98.7
Nuseed	5009	N/A	3549	11.7	22.2	58	13,271	17.4	57.0	84.4	97.9
Red River Commodities, Inc.	RRC 2215 CL	Clearfield	3476	11.9	21.3	59	11,644	42.6	81.7	95.3	98.9
Red River Commodities, Inc.	RRC 2215	N/A	3260	9.8	23.6	61	14,615	11.9	52.4	86.6	97.2
Nuseed	Panther DMR	DM	3049	9.4	23.3	60	13,624	23.2	52.7	79.8	97.5
Average			3588	10.9	21.7	60	13,684	27.3	63.3	88.0	98.2
^c LSD (P<0.30)			283								
^c LSD (P<0.05)			552								
Coefficient of Variation (%)			10.8								

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

^bYield 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) the difference is significant.

Site Information

Collaborator: David Ruppel
 Planting Date: June 5, 2017
 Harvest Date: November 3, 2017
 Fertilizer: Poultry manure at 4.5 ton/ac
 Herbicide: Sonalan at 3 pt/ac
 Insecticide: Warrior at 1.92 oz/ac and Lorsban at 0.67 pt/ac
 Irrigation: Furrow irrigation
 Soil Type: Weld loam

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