



2019 Irrigated Confection Sunflower Hybrid Performance Trial at Prospect Valley

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	LD5009	N/A	2767	8.4	21.9	58	12,197	6.1	20.8	54.1	95.8
Nuseed	NSKM53777	Clearfield	2686	9.7	19.9	60	15,972	14.7	40.2	70.8	96.5
Red River Commodities	RRC 2319	N/A	2596	10.1	18.9	66	10,890	44.0	67.1	84.7	96.9
Nuseed	NSKM65810	Clearfield	2516	13.7	15.9	60	11,471	10.5	35.5	75.0	95.8
Nuseed	X4334	Clearfield	2513	11.6	18.9	62	13,358	55.9	79.2	91.3	98.2
Red River Commodities	RRC 2414	N/A	2477	8.9	20.0	66	13,358	39.7	65.0	83.5	98.1
Nuseed	Jaguar II	Clearfield	2335	9.1	19.7	62	13,794	36.6	65.0	85.7	97.0
Red River Commodities	RRC 2310	N/A	2112	8.9	20.0	66	13,649	51.5	73.2	88.0	97.5
Nuseed	N6L602 CL	Clearfield	2077	12.3	16.0	56	10,745	28.6	59.7	83.9	96.2
Average			2453	10.3	19.0	62	12,826	32.0	56.2	79.7	96.9
^c LSD (P<0.30)			234								
^c LSD (P<0.05)			455								
Coefficient of Variation (%)			14.8								

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

^bYield and oil content were corrected to 10% moisture at harvest. Hybrids in the top yield group (P<0.30) are bolded.

^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: Tim Trupp
 Planting Date: June 11, 2019
 Harvest Date: October 23, 2019
 Fertilizer: Pre-plant: N at 100 lb/ac as urea; Planting: N at 4 and P at 13 lb/ac
 Herbicide: Sonolan at labeled rate
 Irrigation: Furrow
 Soil Type: Colby loam

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