



2020 Dryland Confection Sunflower Hybrid
Performance Trial at Julesburg

Brand	Hybrid	Technology Traits ^a	Yield ^b lb/ac	2-Year Avg.		Test		Seed Retained Over Screen			
				Yield lb/ac	Moisture percent	Weight lb/bu	Population plants/ac	Over 24/64	Over 22/64	Over 20/64	Over 16/64
Red River Commodities	RRC 2319	N/A	1576	1499	12.9	20.1	14,565	9.9	16.3	29.1	38.0
Red River Commodities	RRC 2414	N/A	1448	1459	13.3	20.8	9,529	13.6	12.6	27.9	39.3
Red River Commodities	EX 97404	N/A	1344	-	12.3	19.4	12,932	13.8	19.8	38.8	24.0
Red River Commodities	RRC 2310	N/A	1338	1317	13.0	19.4	11,843	16.6	17.3	30.9	31.2
Average			1426	1425	12.9	19.9	12,217	13.5	16.5	31.7	33.1
^c LSD (P<0.30)			88								
^c LSD (P<0.05)			181								
Coefficient of Variation (%)			8.3								

^aTechnology trait designations: N/A=no technology traits.

^bYields 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, the difference is significant. Hybrid yields in the top yield group (P<0.30) are in bold. Farmers should use the LSD (P<0.30) for selecting superior hybrids to minimize economic loss due to false negative results and others may use LSD (P<0.05) to minimize the risk of false positive results.

Site Information

Collaborator: Josh Lechman
Planting Date: June 8, 2020
Harvest Date: October 21, 2020
Soil Type: Richfield loam
GPS Coordinates: 40.869, -102.2266

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