

2007 Dryland Confection Sunflower Variety Performance Trial at Dailey¹.

Hybrid	Yield ² lb/ac	Moisture %	Test Weight lb/bu	Plant Height inches	Density plants/ac	Seed Size				
						Above 22/64 %	22/64 to 20/64 %	20/64 to 18/64 %	18/64 to 16/64 %	16/64 to 14/64 %
Red River RRC 7015	800	7.8	15.0	66	5628	32.3	34.8	19.5	5.0	8.4
Red River RRC 2216	731	7.3	15.3	65	7843	46.6	25.4	18.2	3.6	6.2
Dahlgren 9530	678	7.8	14.8	61	10037	47.9	31.4	16.0	2.9	1.8
Dahlgren 9579	664	7.4	15.2	58	8651	45.6	28.6	18.0	5.6	2.2
Dahlgren 9531	658	7.8	15.5	60	9407	47.9	30.2	18.1	2.8	1.0
Red River RRC 2215	598	7.1	15.6	58	9326	39.0	35.1	19.3	4.6	2.0
Dahlgren 9569	536	7.0	16.4	65	10406	44.9	33.1	15.2	5.5	1.3
Triumph 777C	528	7.7	16.4	61	10880	46.9	25.0	20.9	4.9	2.3
Average	649	7.5	15.5	62	9022					

¹Trial conducted on the Dan and Dave Anderson farm; seeded 6/2 and harvested 10/9.

²Yields corrected to 10% seed moisture. Yields above are only indicative of yield trends for these hybrid varieties as the trial was planted in low soil moisture, received a rain following planting, and suffered from slight crusting which resulted in uneven emergence, variable plant stands, and some plots were lost to an accidental misapplication of herbicide.

Site Information

Plot Size: 5' x 32' with 30" row spacing

Experimental Design: randomized complete block, 4 replications

Seeding Rate: approximately 14,000 seeds/acre

Previous Crop: corn

Soil Type: Platner loam

Fertilization: 65 lbs N acre⁻¹; 15 lbs P₂O₅ acre⁻¹

Herbicide: Round-up, Spartan

Insecticide: none