

Table . Oilseed sunflower hybrid trial, Reliance, SD - 2008.

Brand	Hybrid	Type ¹	Seed Yield (lbs/A)			2008		Plant		Harv. Moist. %	Test Wt. lb/bu	Pop. 1000 p/A
			2008	2007	Avg.	Yield	Oil %	Hght cm	Lodg %			
Advanta Pacific LLC	F30008NS,CL	NS/CL	2180	--	--	40	45.5	177	3	12.7	30.4	17.4
Croplan Genetics	CG 306 DMR NS	NS	2345	--	--	32	48.1	154	2	11.2	31.5	17.4
Croplan Genetics	CG 3080 DMR NS	NS	2374	--	--	30	48.5	156	3	11.3	31.0	17.4
Croplan Genetics	CG 325 DMR NS	NS	2467	--	--	22	47.0	167	2	11.6	30.6	17.4
Croplan Genetics	CG 356 NS	NS	2731	--	--	7	47.7	166	1	12.8	32.7	17.4
Croplan Genetics	CG 369 DMR NS	NS	1957	--	--	50	46.7	170	2	12.1	30.3	17.4
Croplan Genetics	CG 378 DMR NS	NS	2111	--	--	42	47.7	167	5	12.9	31.7	17.4
Croplan Genetics	CG 528 CL NS	NS/CL	1909	--	--	52	46.8	166	1	11.5	31.7	17.4
Croplan Genetics	CG 551 CL NS	NS/CL	2232	--	--	35	45.7	171	1	12.2	30.8	17.4
Croplan Genetics	CG 564 CL NS	NS	1981	--	--	49	47.3	171	0	12.8	32.9	17.4
Dekalb	DKF 29-30	NS	2034	1738	1886	47	48.4	166	3	11.5	32.4	17.4
Dekalb	DKF 34-33	NS	2504	1413	1959	19	48.9	166	3	12.0	32.1	17.4
Dekalb	DKF 34-80CL	NS/CL	2426	1716	2071	25	46.7	163	3	11.9	31.3	17.4
Dekalb	DKF 37-31	NS	3080	1899	2489	2	47.6	166	4	11.6	32.4	16.3
Dekalb	DKF 38-45	NS	2614	2117	2365	11	47.9	156	2	11.8	30.7	17.4
Dekalb	DKF 3875	Trad.	2927	2334	2631	4	48.0	173	6	12.3	31.3	16.3
Dekalb	DKF 39-80CL	NS/CL	2274	--	--	33	46.8	195	3	12.1	30.7	17.4
Dekalb	IS 7120	HO	2522	1818	2170	18	48.1	148	1	11.6	30.7	17.4
Garst Seed Co.	4651NS	NS	2104	--	--	44	47.5	163	3	12.9	30.7	14.2
Garst Seed Co.	NX43489	NS	2224	--	--	36	46.5	168	8	12.1	32.9	17.4
Garst Seed Co.	NX44166	HO	2371	--	--	31	47.3	177	3	12.0	33.1	17.4
King Seed Inc.	SunKing 4404 NSCL	NS/CL	2386	2257	2321	27	46.0	175	1	11.8	31.0	17.4
King Seed Inc.	SunKing 4505	Trad.	2034	1890	1962	46	48.8	178	5	11.8	32.1	17.4
Legend Seeds	LSF 318NCL	NS/CL	2175	--	--	41	46.5	151	4	11.4	30.1	17.4
Monsanto	MH6640	NS	2695	--	--	8	48.1	166	3	12.6	32.4	17.4
Monsanto	MH6643	NS	2384	--	--	28	47.5	161	1	12.5	31.7	17.4
Monsanto	MH7632	NS	2827	--	--	6	49.1	160	3	12.3	32.3	17.4
Monsanto	MH7633	NS	2402	--	--	26	46.8	179	3	12.0	31.4	17.4
Mycogen Seeds	8D481	NS	2502	--	--	20	45.4	164	0	12.1	31.0	17.4
Mycogen Seeds	8H449DM	HO	2224	1811	2018	37	48.7	175	2	13.1	31.5	17.4
Mycogen Seeds	8N187	NS	2374	--	--	29	46.6	154	1	11.6	30.8	17.4
Mycogen Seeds	8N270	NS	1891	--	--	53	46.0	141	0	12.0	31.8	16.3
Mycogen Seeds	8N358CL	NS/CL	2194	2005	2099	39	48.3	165	2	10.6	30.9	17.4
Mycogen Seeds	8N453DM	NS	2562	1962	2262	15	49.4	169	3	13.1	32.3	17.4
Mycogen Seeds	8N510	NS	2887	2315	2601	5	46.8	165	2	12.1	30.9	16.3
Pannar	Pan 7813	NS	2443	2080	2261	23	47.6	160	2	13.2	31.6	17.4
Pannar	Pan 7924	NS	2535	1952	2244	17	46.4	172	0	12.6	31.4	17.4
Pannar	Pan 7986	NS	2481	--	--	21	45.1	174	1	13.3	32.3	16.3
Pannar	Pan 9501	Trad.	1989	1753	1871	48	45.0	183	1	12.2	31.5	17.4
Pioneer Hi-Bred	Pioneer Brand 63M91	NS	2197	--	--	38	48.3	177	3	12.2	32.8	17.4
Pioneer Hi-Bred	Pioneer Brand 63N82	NS/SU	2575	--	--	14	46.4	164	3	12.8	31.9	17.4
Pioneer Hi-Bred	Pioneer Brand 64H41	HO	2258	--	--	34	46.3	176	1	13.8	32.2	17.4
Seeds 2000	Barracuda CL-NS	NS/CL	2093	1832	1962	45	47.5	166	1	13.4	32.8	17.4
Seeds 2000	Blazer CL-NS	NS/CL	1912	2109	2011	51	47.1	179	4	12.8	30.5	17.4
Seeds 2000	Firebird-Expsun-NS	NS/SU	2545	2026	2285	16	47.1	153	0	13.8	29.9	17.4
Seeds 2000	Sierra HO	HO	2434	1992	2213	24	45.8	170	7	11.9	30.4	17.4
Triumph Seed Co.	660CL	NS/CL	2108	1750	1929	43	47.2	164	2	13.0	31.9	17.4
Triumph Seed Co.	s675	NS	2642	1537	2090	9	49.3	115	0	14.0	31.8	17.4
Triumph Seed Co.	s678	NS	2585	1777	2181	13	49.0	134	0	14.2	32.1	17.4
Triumph Seed Co.	TRXs7322	NS	3091	--	--	1	48.0	102	0	13.1	32.5	17.4
Triumph Seed Co.	s671	NS	2640	--	--	10	48.3	128	0	14.0	31.5	17.4
Triumph Seed Co.	s880CL	HO/CL	2958	1922	2440	3	47.9	94	0	12.9	30.5	17.4
Triumph Seed Co.	s878	HO	2594	1996	2295	12	48.3	133	0	13.9	32.1	17.4
USDA	USDA 894 (check)	Trad.	1722	1997	1859	54	47.7	141	2	12.4	31.0	15.5
Grand Mean			2383	1847	2172		47.4	161	2	12.4	31.5	17.2
LSD 5%			388	361	264		1.5	9	3	0.8	1.2	1.1
C.V.			11.7	14.0	12.0		2.2	4.2	109.9	4.7	2.7	4.5

¹NS=NuSun, HO=High Oleic, Trad.=Traditional linoleic, CL=Clearfield, DM=downy mildew resistant, SU=Express-resistant.

Planted June 11, 2008. Harvested Oct. 30, 2008.

Yield is reported at 10% moisture. Oil % is adjusted for oleic acid content.