

Irrigated oil sunflower variety performance trial at Idalia¹ in 2005.

Hybrid	Yield lb/ac	Moisture %	Test	Plant	Density plants/ac	Lodging %	Rust** 0-9	Oil %
			Weight lb/bu	Height in				
Seeds 2000 Blazer	3353	7.8	31.8	58	14638	1.2	1	43.8
Mycogen 8N352	3245	9.3	31.0	59	13851	2.7	0	44.5
DEKALB MH4331B	3164	8.7	31.2	62	15672	2.1	0	44.0
Mycogen 8N510	3117	8.7	30.5	61	14672	3.2	0	41.7
Producers Hybrids 7203	3058	8.4	30.4	69	15814	1.5	0	43.0
Fontanelle 902NS	2985	9.9	28.9	69	13716	3.9	0	44.1
DEKALB DKF38-30 NS	2943	7.8	31.5	60	13779	2.6	0	42.8
Garst 424	2939	8.5	31.3	66	13992	4.4	0	41.9
Garst 02 TH003896	2911	7.8	33.3	63	14922	3.0	0	42.9
Triumph s678	2884	11.9	28.7	59	13582	5.4	0	41.9
Myconate - Treated	2842	9.0	29.6	71	14905	1.6	0	47.3
Garst 03 TH004205	2820	8.3	30.9	65	13294	6.9	0	39.4
Pioneer brand 63M80	2808	7.7	31.6	62	13808	7.2	0	44.9
Triumph TRX4240	2803	8.4	32.4	64	13108	3.0	0	44.4
Seeds 2000 Sierra	2800	11.0	27.5	64	13494	0.0	0	39.4
Garst 03 TH004251	2795	9.6	29.3	64	12904	1.6	1	40.2
Mycogen 8H419 CL	2789	9.8	28.9	67	14671	1.2	0	41.3
Trial Check 2*	2743	9.4	29.7	51	14485	2.9	0	43.9
Triumph 665	2741	8.9	30.6	66	14330	5.2	0	44.6
Croplan Genetics 378 DMR HO	2715	11.3	28.4	61	13269	7.7	0	40.2
Mycogen 8D310	2696	9.8	28.3	66	12988	7.5	0	38.7
Advanta Pacific AP561 NS	2626	10.1	30.2	68	15171	2.1	0	40.3
Producers Hybrids 7303	2615	8.4	30.8	61	13538	3.9	0	41.6
Myconate - Non-treated	2611	9.1	29.2	69	15216	4.7	0	45.4
Pioneer brand 63M91	2601	9.7	30.6	64	12592	1.4	0	41.2
Triumph s675	2594	7.8	31.2	50	16666	10.3	0	46.0
Garst 454	2591	9.5	29.5	66	12354	5.6	0	41.4
Triumph 660CL	2561	9.8	29.0	69	13770	1.1	0	42.0
DEKALB DKF38-80CL	2559	8.9	30.2	58	15104	2.8	0	40.0
Mycogen 7350	2546	8.6	30.0	59	15400	1.1	0	43.1
Trial Check 1*	2543	8.7	29.4	69	14549	4.5	0	47.4
Triumph 658	2535	10.1	28.5	70	13053	7.2	0	44.4
Mycogen 8H350 DM	2501	8.9	30.1	58	13724	1.1	0	43.6
Advanta Pacific AP534 NS/CL	2489	11.7	28.9	69	13345	3.5	0	38.9
Seeds 2000 Barracuda	2473	11.5	31.4	68	14642	13.8	0	41.5
Mycogen 8N386 CL	2468	9.4	29.2	67	13494	1.6	0	40.1
Dyna-Gro 93N05	2462	10.8	28.5	58	14850	1.8	0	39.4
Mycogen E84352	2433	8.4	30.7	63	14045	2.9	0	42.9
Triumph 620CL	2328	9.7	28.6	58	12862	6.2	0	37.9
Triumph 820 HO	2295	9.5	31.1	65	13209	3.1	0	44.6
Triumph TRX3249	2221	8.7	31.2	56	14262	1.4	0	44.7
Garst 525	2112	9.1	30.3	59	13352	3.7	0	40.4
Mycogen 8N429 CL	2056	10.2	27.6	65	13196	1.6	0	37.5
Advanta NA F10125	1915	8.7	29.7	65	12873	2.3	0	35.2
Dyna-Gro 94T90	1752	9.2	28.3	69	16951	2.0	1	39.5
Average	2645	9.3	30.0	63	14091	3.7	0	42.1
LSD _(0.30)	214							

¹Trial conducted on the Dennis Towns farm; seeded 5/20 and harvested 10/6.

*Trial Check 1 was Triumph 645 & Check 2 was Triumph s672.

**Rust scale 0-9, with 0 = no rust detected and 9 = 100% rust on leaves.

2-yr average irrigated oil sunflower variety performance trial at Idalia in 2004-05.

Hybrid	Test		
	Yield	Moisture	Weight
	lb/ac	%	lb/bu
Seeds 2000 Blazer	3304	8.0	31.6
Mycogen 8N352	3196	9.1	31.8
Garst 424	3060	8.2	31.3
Mycogen 8N510	3047	8.1	30.2
Pioneer brand 63M80	3014	7.8	31.3
Triumph 665	2950	9.2	30.5
Mycogen 8D310	2924	9.4	28.8
Triumph 658	2909	9.4	28.9
Garst 454	2878	9.4	29.9
Triumph 645	2862	8.5	29.4
Pioneer brand 63M91	2821	9.4	31.1
Triumph s675	2651	8.0	31.0
Average	2968	8.7	30.5