

Brand	Hybrid	Days to		Plant Ht. in	Harvest Moisture %	Oil ³ %	Test Weight lbs/bu	Yield				
		Bloom	Mature					@ 10% moisture			Average	
								2003	2005	2006	2yr	3yr
NuSun												
Advanta Pacific	F30236	64	108	40	7.2	42.1	30.7	--	--	2500	--	--
Advanta Pacific	F30249	71	115	51	10.7	45.9	32.6	--	--	2905	--	--
Advanta Pacific	F51231	67	114	53	10.1	41.6	30.8	--	--	3002	--	--
Croplan Genetics	343 DMR ²	70	116	57	10.2	41.3	34.0	--	--	3221	--	--
Croplan Genetics	3080 DMR,NS ²	68	113	53	7.9	47.8	31.3	--	2531	3005	2768	--
Croplan Genetics	305 DMR,NS ²	68	113	55	8.3	43.6	34.4	--	--	3163	--	--
Dahlgren	D-4421	68	112	57	8.5	39.2	30.2	2334	2560	3212	2886	2702
DEKALB	DKF35-10NS ²	70	116	57	9.8	41.3	33.5	--	2775	3107	2941	--
Dyna-Gro	93N05	69	114	53	8.4	42.6	32.1	--	2852	3039	2946	--
Dyna-Gro	FX06251	65	108	42	6.5	41.9	29.6	--	--	2179	--	--
Dyna-Gro	FX06483 ¹	73	118	66	9.9	40.2	31.2	--	--	3028	--	--
Integra Seed	INT 536 DM ²	67	114	49	9.9	42.5	31.2	2200	2673	3066	2870	2646
Integra Seed	INT 735 ¹	71	116	55	8.9	42.6	32.6	--	2602	2749	2676	--
Interstate Seed	Hysun 521	66	112	50	8.1	43.5	32.8	2154	2462	3258	2860	2625
Interstate Seed	IS4540 NS	70	113	52	8.4	45.6	34.5	--	2343	2845	2594	--
Interstate Seed	IS4704 NS	69	114	54	8.2	43.3	32.8	--	2662	2851	2756	--
Interstate Seed	IS4575 NS/CL ¹	71	115	54	8.0	43.4	33.4	--	2416	2512	2464	--
Interstate Seed	IS4668 NS/CL ¹	73	117	64	9.3	40.3	31.6	--	--	2780	--	--
Interstate Seed	IS5880 NS/CL ¹	72	117	58	9.8	42.7	31.2	--	--	2712	--	--
Monsanto	F30250	72	116	57	9.8	45.1	32.6	--	--	2802	--	--
Monsanto	MH6635 ²	69	114	61	8.2	45.8	31.2	--	--	2403	--	--
Monsanto	MH4436 ²	71	114	55	8.3	45.7	34.0	--	--	3004	--	--
Monsanto	MH5436 ²	68	114	52	8.4	45.1	32.5	--	--	3185	--	--
Monsanto	MH6636 ²	70	113	56	7.9	46.9	32.1	--	--	2411	--	--
Mycogen Seeds	8N453DM ²	70	115	57	9.7	48.8	34.0	--	--	2794	--	--
Mycogen Seeds	8N337DM ²	68	111	52	7.7	48.5	32.4	--	--	3096	--	--
Mycogen Seeds	8N358CL ¹	72	115	57	8.2	47.6	32.3	--	--	2843	--	--
Mycogen Seeds	8N386CL ¹	72	117	60	8.7	44.1	32.1	--	2217	2842	2530	--
Mycogen Seeds	8D310	67	112	59	8.3	40.1	29.8	--	2795	2919	2857	--
Nidera S.A.	JN 6907 ¹	72	115	55	9.3	45.1	34.3	--	--	3113	--	--
Pioneer	63M80	67	111	55	7.7	46.5	33.1	2282	3439	3724	3581	3148
Pioneer	63M28	65	110	49	7.6	47.0	32.0	--	--	3625	--	--
Pioneer	63M02	67	109	56	7.3	46.9	33.8	--	--	3144	--	--
Pioneer	6425	70	111	56	7.6	43.1	31.6	--	--	3454	--	--
Pioneer	6623	64	110	48	7.6	45.1	31.6	--	--	2962	--	--
Pioneer	6312	69	115	58	9.5	45.6	33.8	--	--	2927	--	--
Pioneer	6621	69	113	58	8.1	46.0	32.8	--	--	3266	--	--
Pioneer	6622	69	116	56	9.2	44.6	33.6	--	--	3095	--	--
Pioneer	6416	72	114	54	7.5	43.8	31.0	--	--	2663	--	--
Proseed	9441	72	112	62	8.1	46.0	34.0	--	2430	3101	2765	--
Proseed	CL 55-15 ¹	72	114	57	7.8	44.6	33.4	--	2409	2950	2680	--
Seeds 2000	Defender Plus ²	67	112	51	7.8	42.2	32.5	--	3244	3191	3218	--

Brand	Hybrid	Days to Bloom	Days to Mature	Plant Ht. in	Harvest Moisture %	Oil ³ %	Test Weight lbs/bu	Yield				
								@ 10% moisture			Average	
								2003	2005	2006	2yr	3yr
High Oleic												
Advanta Pacific	F20018	67	114	55	8.4	44.8	34.0	--	--	3222	--	--
Monsanto	MH5437	70	113	57	7.6	45.1	30.7	--	--	3055	--	--
Monsanto	MH5438	70	114	55	8.5	45.1	30.9	--	--	2688	--	--
Mycogen Seeds	8H350DM ²	69	113	58	8.7	45.8	32.2	--	2057	2531	2294	--
Pioneer	6423	67	110	57	7.7	44.8	34.1	--	--	3201	--	--
Pioneer	6444	71	114	62	9.5	44.3	35.0	--	--	3138	--	--
Pioneer	64H41	70	114	60	9.1	42.5	35.8		3055	3210	3133	--
Pioneer	6635	71	114	62	9.6	42.3	35.5	--	--	2969	--	--
Pioneer	6636	71	114	61	9.3	42.1	34.0	--	--	3047	--	--
Proseed	E-85	71	115	58	7.9	41.8	30.8	--	--	2765	--	--
Seeds 2000	Defender HO ²	66	111	52	7.5	41.1	32.3	--	2520	2966	2743	--
Seeds 2000	x6539 HODMR ²	71	114	56	8.4	42.2	32.8	--	--	2843	--	--
Seeds 2000	x4239 HODMR ²	71	115	55	8.5	45.4	31.1	--	--	3020	--	--
Triumph	845HO	72	116	62	10.1	44.8	29.7	--	--	2892	--	--
Traditional												
Integra Seed	INT 432	70	115	57	7.6	48.2	32.0	2684	2554	3329	2942	2856
USDA	894	69	113	56	8.4	42.3	33.7	1851	2217	3301	2759	2456
Trial Mean		69	113	55	8.5	44.1	32.5	2207	2562	3001	--	--
C.V. %		6.6	0.9	6.4	7.5	1.9	2.3	11.0	11.4	9.1	--	--
LSD 5%		7.4	1.7	5.7	1.03	1.4	1.2	395	473	439	--	--

¹ Clearfield hybrid

² Downy mildew resistant

³ Oils were adjusted to 10% moisture. Oil % of NuSun and High Oleic hybrids were adjusted for oil type.

Average yield for NuSun hybrids- 2985, High Oleic hybrids - 2968.

Days to mature for hybrid checks: Hysun 311=110, SF270=111, PI6451=115

Planting Date: May 17

Harvest Date: October 9