

Brand	Hybrid	Days to Bloom	Plant Height in	Test Weight lbs/bu	Sclerotinia <sup>2</sup>		Oil <sup>3</sup> %
					Head Rot %	Stalk Rot %	
<b>NuSun</b>							
Croplan Genetics	3080DMR	87	58	24.0	44	11	38.7
Dahlgren	4421	82	61	24.8	63	21	35.3
Dahlgren	4440	87	53	24.6	39	20	36.9
Dyna-Gro	Exp 93N05	87	57	25.2	41	10	37.9
Integra Seed	INT 536	83	55	26.1	65	19	40.3
Interstate Seed	Hysun 511	84	49	26.6	48	19	37.6
Interstate Seed	F00125 NS	85	56	26.2	33	12	36.7
Interstate Seed	4540 NS	90	52	24.1	44	22	36.3
Interstate Seed	F10003 NS	85	58	25.9	39	12	39.5
Interstate Seed	Hysun 521	84	58	25.2	63	14	37.7
Interstate Seed	4704 NS	86	57	25.1	42	30	37.9
Interstate Seed	Hysun 525	91	60	25.9	16	23	34.6
Interstate Seed	4575 NS/CL <sup>1</sup>	89	61	25.0	18	11	33.2
Mycogen Seeds	8N251	81	61	27.8	51	25	41.5
Mycogen Seeds	8D310	84	65	25.1	63	13	35.2
Mycogen Seeds	8N327	85	53	26.1	53	20	42.9
Mycogen Seeds	8N352	90	60	27.4	28	17	39.5
Pioneer	63M80	83	59	28.2	28	15	43.3
Pioneer	Exp0401	82	55	27.1	71	17	43.5
Proseed	9405	90	62	24.7	17	13	38.1
Proseed	9441	90	62	25.5	20	9	38.9
Proseed	Exp T-1	89	60	21.6	32	15	34.1
Proseed	Exp T-2	87	65	22.6	56	16	39.2
Proseed	Exp T-3	89	66	25.7	22	7	38.0
Proseed	Exp 15	84	57	26.1	77	12	40.4
Seeds 2000	Defender	86	61	26.6	31	23	38.0
Seeds 2000	X6519	81	57	29.2	70	53	36.4
Seeds 2000	Colonel	91	59	22.5	37	27	37.1
Seeds 2000	Viper <sup>1</sup>	88	60	25.4	39	8	32.0
Triumph Seed	620CL <sup>1</sup>	91	59	25.7	27	17	36.1
Triumph Seed	650CL <sup>1</sup>	95	62	18.8	7	15	29.6
<b>Traditional</b>							
Integra Seed	INT 432	86	53	27.4	29	15	44.0
Integra Seed	INT 735 <sup>1</sup>	87	59	24.8	23	19	36.3
Interstate Seed	6039	87	56	24.6	55	27	40.3
Interstate Seed	4539	87	58	24.3	59	34	42.0
Interstate Seed	6521	84	54	26.4	60	34	43.1
Kaystar Seed	8300	84	58	26.8	44	27	42.6
Mycogen Seeds	SF270	82	55	28.0	24	23	42.3
USDA	894	87	62	27.3	70	16	37.4

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					Head Rot %	Stalk Rot %	
<b>High Oleic</b>							
Seeds 2000	X4706	88	59	23.6	25	11	35.3
Interstate Seed	F10046 HO	90	61	26.5	42	16	36.1
Trial Mean		87	58	25.5	41	18	39.0
C.V. %		2	5	3.7	28	56	5.3
LSD 5%		2	4	1.6	19	17	3.3

Yield C.V. % was 28%. Yield data was too variable to report.

<sup>1</sup>Clearfield hybrid

Days to bloom hybrid check: Hysun 311=79, SF270=77, PI6451=84

No hybrid reached visual physiological maturity before the October 1 killing frost, except Exp 0401.

No harvest moisture was recorded because of extended period of wet weather between killing frost and harvest.

<sup>2</sup>Percent of plants that were infected with head rot and/or stalk rot. The majority of stalk rot was mid-stalk rot.

Differences between hybrids may have resulted from genetic differences and/or environmental conditons that were more or less favorable for disease development during that hybrid's flowering period.

<sup>3</sup>Oil adjusted to 10% moisture. Oil % of NuSun and High Oleic hybrids were adjusted for oil type.

Planting Date: May 21, 2004

Harvest Date: November 2, 2004