

Brand	Hybrid	Days to Bloom	Plant Height in	Test Weight lbs/bu	Sclerotinia <sup>2</sup>		Oil <sup>3</sup> %
					Head Rot % incidence	Stalk Rot	
<b>NuSun</b>							
Dekalb	DKF33-33NS	80	54	19.7	1	7	29.9
Dekalb	MH4231	79	55	17.3	14	8	29.0
Dekalb	DKF30-33NS	80	52	17.7	14	10	27.7
Dekalb	MH4233	81	57	17.0	27	14	27.0
Dekalb	MH4431	83	52	15.7	6	9	23.7
Dyna-Gro	Exp91N05	78	48	18.8	22	5	26.8
Proseed	9441	82	60	16.0	7	23	26.0
Proseed	CL 55-15 <sup>1</sup>	85	55	14.3	4	3	21.1
<b>Traditional</b>							
Dyna-Gro	DG 92T94	82	52	16.7	4	28	29.2
Kaystar	8300	79	50	19.7	30	13	31.6
USDA	894	81	58	18.8	13	17	28.0
Trial Mean		81	54	17.4	13	12	27.3
C.V. %		1.2	3.7	3.8	55	74	5.5
LSD 5%		1.6	3.4	1.1	12	NS	2.6

Yield C.V. % was 30%. 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.

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 conditions 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 hybrids were adjusted for oil type.

Planting Date: June 9, 2004

Harvest Date: November 2, 2004