

Confectionary (Non-oil) Sunflower
Langdon

Brand	Hybrid	Days to Bloom	Plant Height in	Test Weight lbs/bu	Sclerotinia ¹		Seed over screen		
					Head Rot	Stalk Rot	22/64	20/64	18/64
CHS Sunflower	RH 118	88	60	20.5	27	31	42	35	13
CHS Sunflower	04-EXP-01	84	66	20.7	67	56	79	11	3
CHS Sunflower	04-EXP-02	86	64	19.6	51	36	81	9	3
Croplan Genetics	135	86	65	19.3	56	9	68	19	4
Dahlgren	9530	86	61	20.8	56	30	56	28	8
Dahlgren	9532	82	54	20.1	51	18	51	35	5
Dahlgren	9518	88	62	22.7	38	31	33	38	19
Dahlgren	EX-41	84	65	20.7	75	49	53	18	4
Interstate Seed	8048	83	57	23.4	52	54	38	39	13
Interstate Seed	8089	85	64	21.7	46	19	47	35	11
Mycogen	8C416	87	60	19.3	51	28	57	22	9
Proseed	9011	86	63	21.2	41	19	36	38	15
Red River Comm.	RR2215	86	62	20.1	41	22	48	28	13
Red River Comm.	RR7015	85	65	20.4	33	19	60	20	8
Red River Comm.	RR2214	90	64	19.4	60	21	67	16	6
Seeds 2000	Cougar	81	55	19.9	61	38	79	11	4
Seeds 2000	6946	85	60	21.8	38	36	29	48	14
Seeds 2000	Kodiak	84	62	21.1	55	46	22	35	27
Seeds 2000	Bigfoot	87	62	21.4	19	10	39	35	12
Triumph Seed	757C	86	60	18.8	58	40	79	12	4
Triumph Seed	700CLS+	86	62	18.1	61	48	63	23	7
Triumph Seed	707CLS	87	59	17.3	48	21	73	15	4
USDA	924	85	61	21.3	61	45	29	37	22
Trial Mean		86	61	20.5	49	30	--	--	--
C.V. %		1.7	4.4	3.9	33	47	--	--	--
LSD 5%		2.5	4.5	1.32	26	24	--	--	--

Yield C.V. % was 34%. Yield data was too variable to report.

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.

¹Percent 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.

Planting Date: May 21, 2004

Harvest Date: November 2, 2004