

Confectionary (Non-oil) Sunflower - 2007

Langdon

Brand	Hybrid	Days to Bloom	Mature	Plant Height	Test Weight	Harvest Moist.	Seed over screen			Yield @ 10% moisture			Average	
							22/64	20/64	18/64	2005	2006	2007	2 yr	3yr
						-----% over-----			-----lbs/a-----					
CHS	07EXP01	76	124	70	26.3	22.4	59	15	16	--	--	1760	--	--
CHS	06EXP02	76	125	74	24.8	19.7	85	9	3	--	--	2472	--	--
CHS Royal Hybrid	RH 1121	78	126	76	25.4	20.7	64	15	10	--	--	2440	--	--
CHS Royal Hybrid	RH 1122	76	124	72	24.8	19.7	81	7	6	--	2814	2123	2469	--
Dahlgren	9530	74	124	70	24.5	20.7	73	16	6	3686	2911	2914	2912	3170
Dahlgren	9532	70	119	64	23.0	14.6	39	39	14	2827	2625	2325	2475	2592
Dahlgren	9583CL	78	126	77	24.9	20.7	36	34	18	--	--	2358	--	--
Mycogen	8C482	76	126	79	22.8	21.9	72	17	6	--	2342	2658	2500	--
Red River Comm.	2215	76	125	75	24.6	18.7	53	27	10	3570	3628	2398	3013	3199
Red River Comm.	2216	75	123	75	24.3	18.2	63	21	8	3343	2827	2740	2784	2970
Seeds 2000	Jaguar ¹	74	122	74	24.1	16.3	63	23	8	--	2444	2612	2528	--
Seeds 2000	Panther	72	121	66	25.6	17.1	52	34	9	--	--	2569	--	--
Seeds 2000	Panther DMR ²	72	120	71	26.3	16.8	37	42	14	--	--	2465	--	--
Triumph	767C	76	126	69	23.7	22.5	70	16	6	--	2681	2478	2580	--
USDA	924	71	122	65	25.8	18.0	34	35	19	2414	2576	2388	2482	2459
Trial Mean		75	124	72	24.7	19.2	--	--	--	2925	2738	2447	--	--
C.V. %		1.7	1.1	3.4	2.1	8.8	--	--	--	9.1	14.8	13.1	--	--
LSD 5%		2.1	2.2	4.1	0.9	2.8	--	--	--	440	678	538	--	--

Days to mature hybrid check: Hysun 311=123, SF270=124, PI6451=124.

¹ Clearfield hybrid

² Downy mildew resistant

Roundup applied September 24 by air.

Planting Date: May 16

Harvest Date: October 15