

Cheyenne Co Nebraska Irrigated Sunflower Variety Trial 2012 Confection Types

Brand Name	Hybrid Name	Yield* (lbs/a)	Test Wt (lbs/bu)	% moisture at harvest	Flower date after Aug.1	Plant Height (inches)	SEED SIZE	
							%>22/64	%>20/64
CHS	RH402CL	1578	28	6.9	10	51	69	20
Seeds 2000	JAGUAR	1408	27	7.4	11	53	58	24
Seeds 2000	JAGUAR II	1483	26	7.7	9	52	63	22
Seeds 2000	X4337	1287	27	7.3	10	53	47	27
Seeds 2000	X4334	1475	28	7.3	11	53	61	22
Seeds 2000	5009	1267	24	7.8	10	51	79	11
AVERAGE		1416	27	7.4	10	52	62	21
c.v.		19	11	9.5	7	5	13	20
L.S.D. (0.05)		410	5	1	1	4	12	6

*Adjusted for 10% moisture

Site: High Plains Ag. Lab (near Sidney, NE)
Planted: 6/4/2012
Harvested: 10/15/2012
Previous crop: Wheat
Fertilizer: 30 lbs N
Herbicide: 2 Pints Prowl H2O, 2.5 oz Spartin Pre Plant
Insecticide: None

Note:
 The irrigation system (linear) broke down during seed development stage (R6-R7) and the trial could not irrigated for about 10-days. This impacted yield and test weight as seen in the result. There was significant seed weevil infestation, which has also affected the yield.