

Table 6. Sunflower variety (non-oils) performance results (average of 4 replications) at Onida, SD.

Variety Information		Agronomic Performance		
Brand	Hybrid	Moisture (%)	Test Wt (lbs/bu)	Yield (lbs/ac@10%)
NuSeed	LD5009	11.03	22.03	2595.51
RRC	2414	11.59	20.84	2232.93
RRC	2319	10.49	19.64	2387.43
RRC	2310	10.38	21.44	2596.99
SunOpta	9583CLP	11.48	22.39	3362.85
SunOpta	EXSS90	9.95	21.23	2626.56
CHS	Rh1121	8.88	21.37	2491.03
CHS	RH609CLP	8.12	21.95	2551.76
CHS	20-EXp3	9.64	22.15	2990.66
CHS	15-EXpo2	10.31	20.92	2226.32
USDA	Check	10.14	21.90	2270.54
P-Value		0.074	0.370	0.781
C.V.‡		16.84	6.11	18.38
LSD (0.05)†		2.85	2.18	788.42

Planted: June 16, Harvested: November 4. Previous Crop: Wheat, Tillage: Strip Till, Row Spacing: 30", Population: 18,000

† Yield or moisture value required (\geq LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.