

**2011 IRRIGATED SUNFLOWER HYBRID PERFORMANCE TRIAL**

**WILLISTON RESEARCH EXTENSION CENTER**

Brand	Hybrid	Oil Type	Flower Date	Plant Height	Lodging Scale	Harvest Pop.	Seed Oil %	Test Weight	2010
	{a}	{b}	DAP	inch	1-9*	plt/ac	{c}	lb/bu	
Croplan Genetics	460 E NS	NS	74.0	69.6	5.0	25025	47.0	32.0	2303
Seeds 2000, Inc	Falcon NS,SU	NS	72.8	62.0	7.8	18198	45.0	35.0	1808
Seeds 2000, Inc	Camaro CL,NS	NS	73.3	65.4	7.0	20670	43.4	34.7	2381
Seeds 2000, Inc	Defender Plus	NS	72.3	57.4	7.8	14852	41.8	32.2	2128
Triumph	S673	NS	77.0	58.3	7.3	18059	47.0	30.5	2293
Croplan Genetics	559 CL DMR NS	NS	72.0	66.9	6.0	17976	45.3	32.6	2731
	MEAN		73.5	63.3	6.8	19130	44.9	32.8	2274
	C.V. %		0.5	4.8	14.1	13.8	1.3	2.2	14
	LSD 5%		0.6	4.6	1.4	3976.8	1.6	1.8	480

a - CL = Clearfield. DM - Downy Mildew resistance. SU=Express Tolerant

b - NS designates the NuSun Hybrids.

c - Seed oil content determined on an NMR machine and adjusted to 10% moisture.

NuSun and High Oleic oils also adjusted for oil type.

\* Lodging Scale Rating: 1-9, 9 being severely lodged

Planting Date: May 26

Date Harvested: November 3

Previous Crop: Corn

No significant weed problems. Did have some disease problems

Comments: Heads from the two middle rows (harvested rows) were netted after seed set and no bird damage occurred.