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Table 1. 2010 Dryland Safflower Variety Trial at Blue Creek, Utah (Box Elder Co.).

GPS 41°56'08.94" N 112°26'18.62" W

Planting Rate 12 lbs PLS/A, Planted 5/4/10, Harvested 9/29/10.

Soil Type: Timpanogos Silt Loam. Elevation 5138 ft.

Applications 40 units of N, No herbicides were applied.

Previous crop: Fallow.

Variety	Seed Production lb DM/ac	Color Score	Oil Content %	Lbs of Oil	Gross Income /acre*
CAL/WEST SEEDS CW 3268	951	2	41.5	394.7	\$ 133
CAL/WEST SEEDS CW 1221	945	5	42.3	399.7	\$ 132
CAL/WEST SEEDS CW 880L	918	5	41.7	382.8	\$ 129
SAFFLOWER TECH STI 01	900	4	38.2	343.8	\$ 126
SEED TEC 5255	890	3	37.7	335.5	\$ 125
SEED TEC S-333	878	1	42.1	369.6	\$ 123
SAFFLOWER TECH STI 50	868	10	46.1	400.1	\$ 122
CAL/WEST SEEDS CW 990L	865	6	40.7	352.1	\$ 121
SEED TEC 4439	844	2	38.4	324.1	\$ 118
S-208	832	1	39.6	329.5	\$ 116
SAFFLOWER TECH STI 90	830	4	34.2	283.9	\$ 116
SEED TEC 5241	828	1	38.0	314.6	\$ 116
SAFFLOWER TECH MT 3538	773	1	36.4	281.4	\$ 108
SAFFLOWER TECH MT 7446	735	2	38.2	280.8	\$ 103
SEED TEC S-719	691	3	40.0	276.4	\$ 97
Mean	850	3.3	39.7	337.9	\$ 119

* Gross income is figured on seed production at 14¢ per lb. Crop inputs (fertilizer, pesticides, equipment costs), color score, test weight and oil content were not figured into the gross income figure.

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Table 2. 1-4 Year Average Production Results for Dryland Safflower Variety Trial at Blue Creek, Utah (Box Elder Co.).

Variety	Production Year				Average
	2007	2008	2009	2010	
~~~~~ Lbs. DM/ac ~~~~~					
SeedTec S-719	498	923	1347	691	<b>865</b>
S-208	460	885	1258	832	<b>859</b>
SeedTec 5241		1117	1315	828	<b>1087</b>
SeedTec S-333		1047	1237	878	<b>1054</b>
Cal/West CW 880L		919	1293	918	<b>1043</b>
Cal/West CW 990L		948	1254	865	<b>1022</b>
Montana 7446		871	1344	735	<b>983</b>
Montana 3538		905	1165	773	<b>948</b>
Hybrid 16	485	1182	1282		<b>983</b>
SeedTec 3151	484	982	1393		<b>953</b>
Hybrid 9049	503	988	1285		<b>925</b>
SeedTec 2106	432	861	1158		<b>817</b>
SeedTec 4409	400	840	1178		<b>806</b>
Cal/West CW 1221			1489	945	<b>1217</b>
STI 50			1049	868	<b>959</b>
Hybrid 90		1053		830	<b>942</b>
Cal/West CW 3268				951	<b>951</b>
SeedTec 5255				890	<b>890</b>
SeedTec 4439				844	<b>844</b>
<b>Average</b>	<b>466</b>	<b>966</b>	<b>1270</b>	<b>846</b>	