



Mike Pace - Box Elder County Extension  
 195 W 1100 S, Brigham City, UT 84302  
 Ph. 435-734-9945 email: mike.pace@usu.edu  
 extension.usu.edu/boxelder/

Clark Israelsen - Cache County Extension  
 179 North Main Suite 111, Logan, UT 84321  
 Ph. 435-752-6263 email: clark.israelsen@usu.edu

Table 1. 2009 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 5/7/09, Harvested 10/22/09.  
 Soil Type: Timpanogos Silt Loam. Elevation 5138 ft.  
 Applications 60 units of N (16-16-8), No herbicides at pre-planting.  
 Previous crop: Fallow.

Variety	Seed Production lb DM/ac	Color Score	Oil Content %	Lbs of Oil	Gross Income /acre*
CAL/WEST CW 1221	1489	4	42.5	632.8	\$ 253
SEED TEC 3151	1393	4	40.4	562.8	\$ 237
MSO S-541	1378	3	41.2	567.7	\$ 234
SEED TEC S-719	1347	2	40.3	542.8	\$ 229
STI MT7446	1344	2	38.4	516.1	\$ 228
SEED TEC 5241	1315	1	38.6	507.6	\$ 224
CAL/WEST CW 880L	1293	3	41.5	536.6	\$ 220
STI 90	1285	3	34.8	447.2	\$ 218
STI 01	1282	3	37.5	480.8	\$ 218
SEED TEC 3125	1275	5	42.0	535.5	\$ 217
S-208	1258	1	39.3	494.4	\$ 214
CAL/WEST CW 990L	1254	3	41.8	524.2	\$ 213
SEED TEC S-333	1237	1	40.8	504.7	\$ 210
SEED TEC 4409	1178	2	40.1	472.4	\$ 200
STI MT3538	1165	1	36.3	422.9	\$ 198
SEED TEC 7313	1163	2	38.6	448.9	\$ 198
SEED TEC 2106	1158	1	42.1	487.5	\$ 197
STI 50	1049	10	44.8	470.0	\$ 178
<b>Mean</b>	<b>1270</b>	<b>2.8</b>	<b>40.1</b>	<b>508.6</b>	<b>216</b>

\* Gross income is figured on seed production at 17¢ 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. 3-Year Average Production Results for Dryland Safflower Variety Trial at Blue Creek, Utah (Box Elder Co.).**

Variety	Production Year			3-Year Average
	2007	2008	2009	
	~~~~~ Lbs. DM/ac ~~~~~			
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 S-719	498	923	1347	<b>923</b>
S-208	460	885	1258	<b>868</b>
SeedTec 2106	432	861	1158	<b>817</b>
SeedTec 4409	400	840	1178	<b>806</b>
SeedTec 5241		1117	1315	<b>1216</b>
SeedTec S-333		1047	1237	<b>1142</b>
Montana 7446		871	1344	<b>1108</b>
Cal/West CW 880L		919	1293	<b>1106</b>
Cal/West CW 990L		948	1254	<b>1101</b>
Montana 3538		905	1165	<b>1035</b>
Finch	454	789		<b>622</b>
Montola 2003	369	699		<b>534</b>
Cal/West CW 1221			1489	<b>1489</b>
S-541			1378	<b>1378</b>
SeedTec 3125			1275	<b>1275</b>
SeedTec 7313			1163	<b>1163</b>
STI 50			1049	<b>1049</b>
Hybrid 90		1053		<b>1053</b>
Hybrid 9022		1002		<b>1002</b>
Montana 3842		719		<b>719</b>
SeedTec 5244	516			<b>516</b>
SeedTec 1133	462			<b>462</b>
Oleic 5	425			<b>425</b>
SeedTec 5232	424			<b>424</b>
Cardinal	422			<b>422</b>
MonDak	422			<b>422</b>
Nutrasaff	353			<b>353</b>
<b>Average</b>	<b>444</b>	<b>929</b>	<b>1270</b>	