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Table 1. 2007 Dryland Safflower Variety Trial at Blue Creek, Utah (Box Elder Co.).

GPS 41°56'08.94" N 112°26'18.62" W

Planting Rate 15 lbs PLS/A, Planted 4/26/07 , Harvested 9/17/07.

Soil Type: Timpanogos Silt Loam. Elevation 5138 ft.

Applications 50 units of N (16-16-8), and 2 pts of Sonalan herbicide at pre-planting.

Previous crop: Fallow.

Variety	Seed Production lb DM/ac	Color Score	Oil Content %	Gross Income /acre*
SeedTec 5244	516	2.3	38.0	96
Hybrid 9049	503	2.3	34.0	93
SeedTec S-719	498	3.0	38.9	92
Hybrid 16	485	4.3	36.6	90
SeedTec 3151	484	4.0	39.9	90
SeedTec 1133	462	3.0	41.9	86
S-208	460	1.6	39.0	85
Finch	454	1.0	35.6	84
SeedTec 2106	432	1.0	42.4	80
Oleic 5	425	6.0	41.4	79
SeedTec 5232	424	1.5	39.3	78
Cardinal	422	1.0	34.7	78
MonDak	422	2.3	37.8	78
SeedTec 4409	400	2.0	39.5	74
Montola 2003	369	1.3	37.8	68
Nutrasaff	353	10.0	45.6	65
<b>Mean</b>	<b>444</b>	<b>2.9</b>	<b>38.9</b>	<b>82</b>
Significance of F test		<0.01	<0.01	
LSD (0.05)	166	0.5	1.0	31
LSD (0.30)	86	0.3	0.5	16
CV (%)	26.3	13.0	1.8	26.2

\* Gross income is figured on seed production at \$18.50 per cwt. Crop inputs (fertilizer, pesticides, equipment costs), color score, test weight and oil content were not figured into the gross income figure.

A special thanks is extended to Art Weisker, Seed Tec; Jerry Bergman, Safflower Technologies; Bill Meadows, Mountain States Oilseeds; Utah Agricultural Experiment Station; Shyrl and Justin Clawson, USU Plant Soil and Climate Dept; for their advice, expertise, equipment, time and supplying seed for this trial.