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Table 1. 2009 Irrigated Safflower Planting Rate Trial at Logan, Utah (Cache Co.).

GPS: 41°45'56.33" N 111°48'50.33" W

Planted 5/13/09 , Harvested 10/12/09

Soil Type: Millville Silt Loam. Elevation 4608 ft.

Applications 70 units of N and 1.5 pts of Sonalan herbicide at pre-planting.

Previous crop: 11 hours of irrigation (two 5.5 hour sets on July 2 and 9) 5 total inches.

Variety: S-208

Planting Rate Lbs. per Acre	Seed Production lb DM/ac	Gross Income /acre*
24	4217	\$717
20	4213	\$716
36	4202	\$714
32	4179	\$710
16	4047	\$688
28	4042	\$687
8	3852	\$655
12	3835	\$652

Table 2. 2009 Irrigated Safflower Row Spacing Trial at Logan, Utah (Cache Co.).

All plots were seeded at 25 lbs per acre.

Row Spacing inches between rows	Seed Production lb DM/ac	Gross Income /acre*
6	3713	\$631
18	3344	\$568
30	3316	\$564
12	3117	\$530
24	3003	\$511

* 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.

A special thanks is extended to Bill Meadows, Mountain States Oilseeds; Utah Agricultural Experiment Station; Grant Cardon, USU Extension; for their advice, expertise, equipment, time and supplying seed for this trial.