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Table 1. 2008 Oilseed Variety Trial at Logan, Utah (Cache Co.).

GPS: 41°45'56.33" N 111°48'50.33" W

Planting Rate: Safflower 25 lbs/A, Mustard 15 lbs/A, Camelina 8 lbs/A, Flax 65 lbs/A and Sunflower 4 lbs/S

Planted: April 28, 2008, Harvested: Camelina & Mustard - August 15; Safflower & Flax - October 1

Soil Type: Millville Silt Loam. Elevation 4608 ft.

Fertilizer: 52 lbs of N, 26 lbs of P and 1.5 pts of Treflan herbicide were applied pre-planting.

12 total hours of irrigation (two 6 hour sets 10 days apart) 5.4 total inches applied with 4.56 available to the plant.

Variety	Seed Production lb DM/ac	Gross Income /acre*
Safflower	4,390	\$1,317
Flax	1,477	\$487
Yellow Mustard	924	\$397
Camelina	2,130	\$362
Sunflower	a	

^a birds damaged plots prior to harvest - no data collected

* Gross income does not have crop inputs (fertilizer, pesticides, cleaning fees, equipment costs), figured into the cost. It also does not contain dockage for dirt, stained seed, low test weights, harvester damage, etc. Income prices are based on 30¢ per lb for safflower, 33¢ per lb for flax, 43¢ per lb for mustard, 17¢ per lb for camelina.

Table 2. Oilseed Variety Trial Ranked by Lbs of Oil Produced

Variety	Seed Production lb DM/ac	Oil Content %	Lbs of Oil	Gross Income /acre**
Safflower	4,390	38.4	1686	\$759
Camelina	2,130	31.6	674	\$270
Flax	1,477	38.5	568	\$256
Yellow Mustard	924	21.8	201	\$101

** Gross income does not have crop inputs such as fertilizer, pesticides, cleaning fees, equipment and processing costs figured into it. Income prices are based on 45¢ per lb of oil for safflower & flax, 40¢ per lb of oil for camelina, 50¢ per lb of oil for mustard.

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