

Table 18. 2013 Estimated Production Costs and Returns - Dryland Oil Sunflowers in Northeastern Colorado. Reduced-Till in a Two-Crop in Three-Year Rotation.

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION						
SUNFLOWERS	CWT	19.57	9.50	185.92		
CROP INSURANCE INDEMNITY				0.00		
TOTAL RECEIPTS				185.92	19.57	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	26.37	1.00	26.37	2.78	
FERTILIZER	DOLS	31.85	1.00	31.85	3.35	
HERBICIDE	DOLS	42.72	1.00	42.72	4.50	
CUSTOM APPLICATION	DOLS	7.00	2.00	14.00	1.47	
INSECTICIDE	DOLS	10.59	1.00	10.59	1.11	
CROP INSURANCE	DOLS	42.00	1.00	42.00	4.42	
CUSTOM AERIAL APPLICATION	DOLS	8.00	1.00	8.00	0.84	
FUEL	DOLS			3.18	0.33	
REPAIR & MAINTENANCE	DOLS			2.07	0.22	
LABOR	DOLS			1.20	0.13	
INTEREST EXPENSE ²	DOLS			6.37	0.67	
Total Preharvest				188.35	19.83	
Operating Harvest						
FUEL	DOLS			7.75	0.82	
REPAIR & MAINTENANCE	DOLS			5.06	0.53	
LABOR	DOLS			1.57	0.17	
HAULING ¹	DOLS			2.38	0.25	
Total Harvest				16.76	1.76	
Total Operating Costs				205.10	21.59	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			22.49	2.37	
GENERAL FARM OVERHEAD	DOLS			10.00	1.05	
REAL ESTATE TAXES	DOLS			2.73	0.29	
Total Property and Ownership Costs	DOLS			35.22	3.71	
TOTAL DIRECT COSTS				240.32	25.30	
NET RECEIPTS BEFORE FACTOR PAYMENTS				-54.41	-5.73	
FACTOR PAYMENTS						
LAND @ 4.00% ³	DOLS			32.50	3.42	
RETURN TO MANAGEMENT AND RISK	DOLS			-86.91	-9.15	

1 Hauling Machinery & Labor Charges = \$0.25/Cwt

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7%

3 Includes allocation of fallow acres in the rotation

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

				ALTERNATIVE PRICES				
				\$/CWT				
				-25%	-10%	19.57	+10%	+25%
				\$ 14.68	\$ 17.61	\$ 19.57	\$ 21.53	\$ 24.46
ALTERNATIVE YIELDS	-25%	7.1	\$ (135.75)	\$ (114.83)	\$ (100.89)	\$ (86.94)	\$ (66.03)	
	-10%	8.6	\$ (114.83)	\$ (89.73)	\$ (73.00)	\$ (56.27)	\$ (31.17)	
	CWT	9.5	\$ (100.89)	\$ (73.00)	\$ (54.41)	\$ (35.82)	\$ (7.93)	
	+10%	10.5	\$ (86.94)	\$ (56.27)	\$ (35.82)	\$ (15.37)	\$ 15.31	
	+25%	11.9	\$ (66.03)	\$ (31.17)	\$ (7.93)	\$ 15.31	\$ 50.17	