

Table 18. 2009 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	14.30	17.05	243.82		
TOTAL RECEIPTS				243.82	14.30	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	22.30	1.00	22.30	1.31	
FERTILIZER	DOLS	35.87	1.00	35.87	2.10	
HERBICIDE	DOLS	43.92	1.00	43.92	2.58	
CUSTOM APPLICATION	DOLS	6.00	2.00	12.00	0.70	
INSECTICIDE	DOLS	9.77	1.00	9.77	0.57	
CROP INSURANCE	DOLS	8.55	1.00	8.55	0.50	
CUSTOM AERIAL APPLICATION	DOLS	8.00	1.00	8.00	0.47	
FUEL	DOLS			2.02	0.12	
REPAIR & MAINTENANCE	DOLS			1.89	0.11	
LABOR	DOLS			1.11	0.07	
INTEREST EXPENSE ²	DOLS			5.45	0.32	
Total Preharvest				150.88	8.85	
Operating Harvest						
FUEL	DOLS			4.92	0.29	
REPAIR & MAINTENANCE	DOLS			4.62	0.27	
LABOR	DOLS			1.46	0.09	
HAULING ¹	DOLS			4.26	0.25	
Total Harvest				15.26	0.90	
Total Operating Costs				166.15	9.74	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			20.68	1.21	
GENERAL FARM OVERHEAD	DOLS			10.00	0.59	
REAL ESTATE TAXES	DOLS			2.06	0.12	
Total Property and Ownership Costs	DOLS			32.74	1.92	
TOTAL DIRECT COSTS				198.89	11.66	
NET RECEIPTS BEFORE FACTOR PAYMENTS				44.93	2.64	
FACTOR PAYMENTS						
LAND @ 4.00% ³	DOLS			28.80	1.69	
RETURN TO MANAGEMENT AND RISK	DOLS			16.13	0.95	

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

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7.5%

3 Includes allocation of fallow acres in the rotation

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

				ALTERNATIVE PRICES				
				\$/CWT				
				-25%	-10%	14.30	+10%	+25%
				\$ 10.73	\$ 12.87	\$ 14.30	\$ 15.73	\$ 17.88
ALTERNATIVE YIELDS	-25%	12.8	\$ (61.74)	\$ (34.31)	\$ (16.02)	\$ 2.26	\$ 29.69	
	-10%	15.3	\$ (34.31)	\$ (1.40)	\$ 20.55	\$ 42.49	\$ 75.41	
	CWT	17.1	\$ (16.02)	\$ 20.55	\$ 44.93	\$ 69.31	\$ 105.88	
	+10%	18.8	\$ 2.26	\$ 42.49	\$ 69.31	\$ 96.13	\$ 136.36	
	+25%	21.3	\$ 29.69	\$ 75.41	\$ 105.88	\$ 136.36	\$ 182.07	