

Table 34. 2011 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	31.70	6.30	199.71		
TOTAL RECEIPTS				199.71	31.70	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	24.64	1.00	24.64	3.91	
FERTILIZER	DOLS	31.59	1.00	31.59	5.01	
HERBICIDE	DOLS	40.83	1.00	40.83	6.48	
CUSTOM APPLICATION	DOLS	7.00	2.00	14.00	2.22	
INSECTICIDE	DOLS	10.05	1.00	10.05	1.60	
CROP INSURANCE	DOLS	23.34	1.00	23.34	3.70	
CUSTOM AERIAL APPLICATION	DOLS	8.00	1.00	8.00	1.27	
FUEL	DOLS			3.49	0.55	
REPAIR & MAINTENANCE	DOLS			2.02	0.32	
LABOR	DOLS			1.15	0.18	
INTEREST EXPENSE ²	DOLS			5.57	0.88	
Total Preharvest				164.68	26.14	
Operating Harvest						
FUEL	DOLS			8.51	1.35	
REPAIR & MAINTENANCE	DOLS			4.94	0.78	
LABOR	DOLS			1.51	0.24	
HAULING ¹	DOLS			1.58	0.25	
Total Harvest				16.54	2.62	
Total Operating Costs				181.21	28.76	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			21.10	3.35	
GENERAL FARM OVERHEAD	DOLS			10.00	1.59	
REAL ESTATE TAXES	DOLS			2.61	0.41	
Total Property and Ownership Costs	DOLS			33.71	5.35	
TOTAL DIRECT COSTS				214.92	34.11	
NET RECEIPTS BEFORE FACTOR PAYMENTS				-15.21	-2.41	
FACTOR PAYMENTS						
LAND @ 4.00% ³	DOLS			32.00	5.08	
RETURN TO MANAGEMENT AND RISK	DOLS			-47.21	-7.49	

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%	31.70	+10%	+25%
ALTERNATIVE YIELDS	-25%	4.7	\$ (102.59)	\$ (80.12)	\$ (65.14)	\$ (50.16)	\$ (27.70)	
	-10%	5.7	\$ (80.12)	\$ (53.16)	\$ (35.18)	\$ (17.21)	\$ 9.75	
	CWT	6.3	\$ (65.14)	\$ (35.18)	\$ (15.21)	\$ 4.76	\$ 34.71	
	+10%	6.9	\$ (50.16)	\$ (17.21)	\$ 4.76	\$ 26.73	\$ 59.68	
	+25%	7.9	\$ (27.70)	\$ 9.75	\$ 34.71	\$ 59.68	\$ 97.12	