

Table 18. 2007 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	18.30	7.82	143.11		
TOTAL RECEIPTS				143.11	18.30	
DIRECT COSTS						
Operating Preharvest						
SEED	DOLS	14.84	1.00	14.84	1.90	
FERTILIZER	DOLS	37.13	1.00	37.13	4.75	
HERBICIDE	DOLS	36.98	1.00	36.98	4.73	
CUSTOM APPLICATION	DOLS	5.25	2.00	10.50	1.34	
INSECTICIDE	DOLS	8.93	1.00	8.93	1.14	
CROP INSURANCE	DOLS	7.59	1.00	7.59	0.97	
CUSTOM AERIAL APPLICATION	DOLS	7.00	1.00	7.00	0.90	
FUEL	DOLS			2.45	0.31	
REPAIR & MAINTENANCE	DOLS			1.84	0.24	
LABOR	DOLS			1.07	0.14	
INTEREST EXPENSE ²	DOLS			4.49	0.57	
Total Preharvest				132.82	16.98	
Operating Harvest						
FUEL	DOLS			5.39	0.69	
REPAIR & MAINTENANCE	DOLS			4.50	0.58	
LABOR	DOLS			1.41	0.18	
HAULING ¹	DOLS			1.96	0.25	
Total Harvest				13.26	1.70	
Total Operating Costs				146.08	18.68	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			20.68	2.64	
GENERAL FARM OVERHEAD	DOLS			10.00	1.28	
REAL ESTATE TAXES	DOLS			2.06	0.26	
Total Property and Ownership Costs	DOLS			32.74	4.19	
TOTAL DIRECT COSTS				178.82	22.87	
NET RECEIPTS BEFORE FACTOR PAYMENTS				-35.71	-4.57	
FACTOR PAYMENTS						
LAND @ 4.00% ³	DOLS			28.80	3.68	
RETURN TO MANAGEMENT AND RISK	DOLS			-64.51	-8.25	

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%		+10%	+25%
				\$ 13.73	\$ 16.47	\$ 18.30	\$ 20.13	\$ 22.88
ALTERNATIVE YIELDS	-25%	5.9	\$ (98.32)	\$ (82.22)	\$ (71.49)	\$ (60.75)	\$ (44.65)	
	-10%	7.0	\$ (82.22)	\$ (62.90)	\$ (50.02)	\$ (37.14)	\$ (17.82)	
	CWT	7.8	\$ (71.49)	\$ (50.02)	\$ (35.71)	\$ (21.40)	\$ 0.07	
	+10%	8.6	\$ (60.75)	\$ (37.14)	\$ (21.40)	\$ (5.66)	\$ 17.95	
	+25%	9.8	\$ (44.65)	\$ (17.82)	\$ 0.07	\$ 17.95	\$ 44.79	