

Ag Management Guide

2014

Southern CO - Irrigated Sunflowers

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per CWT	YOUR FARM
SUNFLOWERS	CWT	\$20.00	28.0	\$560	\$20.00	
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	
Total Receipts				\$560	\$20.00	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per CWT	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	48.00	1.00	48.00	1.71	
FERTILIZER	DOLS	42.75	1.00	42.75	1.53	
HERBICIDE	DOLS	20.00	1.00	20.00	0.71	
IRRIGATION ENERGY	DOLS	50.00	1.00	50.00	1.79	
IRRIGATION REPAIRS	DOLS	10.00	1.00	10.00	0.36	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	2.14	
CUSTOM APPLICATION	DOLS	6.00	1.00	6.00	0.21	
CROP INSURANCE	DOLS	32.00	1.00	32.00	1.14	
REPAIR & MAINTENANCE	DOLS	2.00	1.00	2.00	0.07	
FUEL & OIL	DOLS	10.00	1.00	10.00	0.36	
LABOR	DOLS	6.00	1.00	6.00	0.21	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	10.75	1.00	10.75	0.38	
Total Pre-Harvest Expenses				297.50	10.63	\$0
<i>HARVEST COSTS</i>						
CUSTOM HARVEST	DOLS	35.00	1.00	35.00	1.25	
HAULING	DOLS	12.60	1.00	12.60	0.45	
Total Harvest Costs				47.60	1.70	
Total Operating Costs				345.10	12.33	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	10.00	1.00	10.00	0.36	
OWNERSHIP COSTS	DOLS	50.00	1.00	50.00	1.79	
REAL ESTATE TAXES	DOLS	8.00	1.00	8.00	0.29	
Total Property & Ownership Costs				68.00	2.43	\$0
Total Direct Costs				413.10	14.75	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				146.90	5.25	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4%				75.00	2.68	
RETURN TO MANAGEMENT & RISK				71.90	2.57	\$0

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

		ALTERNATIVE PRICES				
		\$/CWT				
ALTERNATIVE YIELDS		-25%	-10%		+10%	+25%
		\$ 15.00	\$ 18.00	\$20.00	\$ 22.00	\$ 25.00
-25%	21.00	-\$98.10	-\$35.10	\$6.90	\$48.90	\$111.90
-10%	25.20	-\$35.10	\$40.50	\$90.90	\$141.30	\$216.90
CWT	28.00	\$6.90	\$90.90	\$146.90	\$202.90	\$286.90
+10%	30.80	\$48.90	\$141.30	\$202.90	\$264.50	\$356.90
+25%	35.00	\$111.90	\$216.90	\$286.90	\$356.90	\$461.90