

## Ag Management Guide

2014

### Southern CO - Irrigated Corn

#### Estimated Production Costs & Returns

#### GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per BU	YOUR FARM
CORN	BU	\$3.70	220.0	\$814	\$3.70	
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	
<b>Total Receipts</b>				<b>\$814</b>	<b>\$3.70</b>	<b>\$0</b>

#### DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per Bu	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	140.00	1.00	140.00	0.64	
FERTILIZER	DOLS	140.00	1.00	140.00	0.64	
HERBICIDE	DOLS	30.00	1.00	30.00	0.14	
IRRIGATION ENERGY	DOLS	50.00	1.00	50.00	0.23	
IRRIGATION REPAIRS	DOLS	10.00	1.00	10.00	0.05	
SPRINKLER LEASE	DOLS	60.00	1.00	60.00	0.27	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.04	
CROP INSURANCE	DOLS	24.00	1.00	24.00	0.11	
REPAIR & MAINTENANCE	DOLS	10.00	1.00	10.00	0.05	
FUEL & OIL	DOLS	10.00	1.00	10.00	0.05	
LABOR	DOLS	6.00	1.00	6.00	0.03	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	18.30	1.00	18.30	0.08	
<b>Total Pre-Harvest Expenses</b>				<b>506.30</b>	<b>2.30</b>	<b>\$0</b>
<i>HARVEST COSTS</i>						
CUSTOM HARVEST (\$0.25/BU)	DOLS	55.00	1.00	55.00	0.25	
HAULING (\$0.18/BU)	DOLS	39.60	1.00	39.60	0.18	
Total Harvest Costs				94.60	0.43	
<b>Total Operating Costs</b>				<b>600.90</b>	<b>2.73</b>	<b>\$0</b>
<i>PROPERTY &amp; OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	20.00	1.00	20.00	0.09	
OWNERSHIP COSTS	DOLS	50.00	1.00	50.00	0.23	
REAL ESTATE TAXES	DOLS	8.00	1.00	8.00	0.04	
Total Property & Ownership Costs				78.00	0.35	\$0
<b>Total Direct Costs</b>				<b>678.90</b>	<b>3.09</b>	<b>\$0</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>135.10</b>	<b>0.61</b>	<b>\$0</b>
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	0.45	
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>35.10</b>	<b>0.16</b>	<b>\$0</b>

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

		ALTERNATIVE PRICES				
		\$/BU				
		-25%	-10%	\$3.70	+10%	+25%
		\$	\$	\$	\$	\$
ALTERNATIVE YIELDS		2.78	3.33	4.07	4.63	
-25%	165.00	-\$221.03	-\$129.45	-\$68.40	-\$7.35	\$84.23
-10%	198.00	-\$129.45	-\$19.56	\$53.70	\$126.96	\$236.85
BUSHELS	220.00	-\$68.40	\$53.70	\$135.10	\$216.50	\$338.60
+10%	242.00	-\$7.35	\$126.96	\$216.50	\$306.04	\$440.35
+25%	275.00	\$84.23	\$236.85	\$338.60	\$440.35	\$592.98