

## Ag Management Guide

2014

### Northern 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	200.0	\$740	\$3.70	_____
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	_____
<b>Total Receipts</b>				<b>\$740</b>	<b>\$3.70</b>	<b>\$0</b>

##### DIRECT COSTS

	Unit	Cost Per Unit	Quantity	Cost Per Acre	Cost Per Bushel	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	61.50	1.00	61.50	0.31	_____
FERTILIZER	DOLS	141.50	1.00	141.50	0.71	_____
HERBICIDE	DOLS	83.25	1.00	83.25	0.42	_____
INSECTICIDE	DOLS	24.00	1.00	24.00	0.12	_____
CUSTOM AERIAL SPRAYING	DOLS	7.50	1.00	7.50	0.04	_____
IRRIGATION ENERGY	DOLS	50.50	1.00	50.50	0.25	_____
IRRIGATION REPAIR	DOLS	10.25	1.00	10.25	0.05	_____
CROP INSURANCE	DOLS	52.00	1.00	52.00	0.26	_____
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.35	_____
CROP CONSULTANT	DOLS	50.50	1.00	50.50	0.25	_____
FUEL	DOLS	10.25	1.00	10.25	0.05	_____
REPAIRS & MAINTENANCE	DOLS	50.50	1.00	50.50	0.25	_____
LABOR	DOLS	10.25	1.00	10.25	0.05	_____
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	23.33	1.00	23.33	0.12	_____
<b>Total Pre-Harvest Expenses</b>				<b>645.33</b>	<b>3.23</b>	<b>\$0</b>
<i>HARVEST COSTS</i>						
FUEL	DOLS	7.25	1.00	7.25	0.04	_____
REPAIRS & MAINTENANCE	DOLS	7.25	1.00	7.25	0.04	_____
LABOR	DOLS	9.25	1.00	9.25	0.05	_____
HAULING	DOLS	44.50	1.00	44.50	0.22	_____
Total Harvest Costs				68.25	0.34	_____
<b>Total Operating Costs</b>				<b>713.58</b>	<b>3.57</b>	<b>\$0</b>
<i>PROPERTY &amp; OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	20.00	1.00	20.00	0.10	_____
OWNERSHIP COSTS	DOLS	60.00	1.00	60.00	0.30	_____
REAL ESTATE TAXES	DOLS	16.00	1.00	16.00	0.08	_____
Total Property & Ownership Costs				96.00	0.48	\$0
<b>Total Direct Costs</b>				<b>809.58</b>	<b>4.05</b>	<b>\$0</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>(69.58)</b>	<b>(0.35)</b>	<b>\$0</b>
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	0.50	_____
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>(169.58)</b>	<b>(0.85)</b>	<b>\$0</b>

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES								
		\$/BU								
		-25%	-10%	\$3.70	+10%	+25%				
	\$	2.78	\$	3.33	\$	3.70	\$	4.07	\$	4.63
-25%	150.00	-\$393.33	-\$310.08	-\$254.58	-\$199.08	-\$115.83				
-10%	180.00	-\$310.08	-\$210.18	-\$143.58	-\$76.98	\$22.93				
BUSHEL	200.00	-\$254.58	-\$143.58	-\$69.58	\$4.42	\$115.43				
+10%	220.00	-\$199.08	-\$76.97	\$4.43	\$85.83	\$207.93				
+25%	250.00	-\$115.83	\$22.93	\$115.43	\$207.93	\$346.68				