

Ag Management Guide

2014

Northern CO - Sugarbeets

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per ton	YOUR FARM
SUGARBEETS	TONS	\$45.00	32.0	\$1,440	\$45.00	
NET GOV'T PAYMENTS	ACRE			\$0	\$0.00	
Total Receipts				\$1,440	\$45.00	\$0

DIRECT COSTS

	Unit	Cost Per Unit	Quantity	Cost Per Acre	Cost Per Ton	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	86.25	1.00	86.25	2.70	
FERTILIZER	DOLS	133.25	1.00	133.25	4.16	
HERBICIDE	DOLS	109.50	1.00	109.50	3.42	
INSECTICIDE	DOLS	8.00	1.00	8.00	0.25	
FUNGICIDE	DOLS	68.00	1.00	68.00	2.13	
CUSTOM AERIAL SPRAYING	DOLS	7.50	1.00	7.50	0.23	
IRRIGATION ENERGY	DOLS	50.50	1.00	50.50	1.58	
IRRIGATION REPAIR	DOLS	10.25	1.00	10.25	0.32	
CROP INSURANCE	DOLS	65.00	1.00	65.00	2.03	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	2.19	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.25	
FUEL	DOLS	29.75	1.00	29.75	0.93	
REPAIRS & MAINTENANCE	DOLS	14.50	1.00	14.50	0.45	
LABOR	DOLS	94.25	1.00	94.25	2.95	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	28.30	1.00	28.30	0.88	
Total Pre-Harvest Expenses				783.05	24.47	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	27.00	1.00	27.00	0.84	
REPAIRS & MAINTENANCE	DOLS	91.75	1.00	91.75	2.87	
LABOR	DOLS	9.00	1.00	9.00	0.28	
HAULING	DOLS	171.75	1.00	171.75	5.37	
COOP SHARE	DOLS	44.00	1.00	44.00	1.38	
Total Harvest Costs				343.50	10.73	
Total Operating Costs				1,126.55	35.20	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	30.00	1.00	30.00	0.94	
OWNERSHIP COSTS	DOLS	60.00	1.00	60.00	1.88	
REAL ESTATE TAXES	DOLS	16.00	1.00	16.00	0.50	
Total Property & Ownership Costs				106.00	3.31	\$0
Total Direct Costs				1,232.55	38.52	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				207.45	6.48	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	3.13	
RETURN TO MANAGEMENT & RISK				107.45	3.36	\$0

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

		ALTERNATIVE PRICES				
		\$/TONS				
ALTERNATIVE YIELDS		-25%	-10%	\$45.00	+10%	+25%
		\$ 33.75	\$ 40.50	\$ 45.00	\$ 49.50	\$ 56.25
-25%	24.00	-\$422.55	-\$260.55	-\$152.55	-\$44.55	\$117.45
-10%	28.80	-\$260.55	-\$66.15	\$63.45	\$193.05	\$387.45
TONS	32.00	-\$152.55	\$63.45	\$207.45	\$351.45	\$567.45
+10%	35.20	-\$44.55	\$193.05	\$351.45	\$509.85	\$747.45
+25%	40.00	\$117.45	\$387.45	\$567.45	\$747.45	\$1,017.45