

Ag Management Guide

2011

Front Range Irrigated Sugar Beets

Estimated Production Costs & Returns

NUMBER OF ACRES

200

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per Ton	Estimated Value to Farm	YOUR FARM
SUGARBEETS	TON	\$67.00	30	\$2,010	\$67.00	\$402,000	
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	\$0	
Total Receipts				\$2,010	\$67.00	\$402,000	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per Ton	Estimated Value to Farm	YOUR FARM
<i>OPERATING PREHARVEST</i>							
FERT. (Plowdown)	ACRE	\$80.00	1.00	\$80	\$2.67	\$16,000	
FERT. (N) Preplant	ACRE	\$50.00	1.00	\$50	\$1.67	\$10,000	
FERT. (N) Liquid	ACRE	\$30.00	1.00	\$30	\$1.00	\$6,000	
SEED	ACRE	\$55.00	1.00	\$55	\$1.83	\$11,000	
HERBICIDE (Roundup/Stinger)	ACRE	\$41.00	1.00	\$41	\$1.37	\$8,200	
INSECTICIDE (Poncho/Thimet)	ACRE	\$50.00	1.00	\$50	\$1.67	\$10,000	
CUSTOM AERIAL SPRAY	ACRE	\$25.00	1.00	\$25	\$0.83	\$5,000	
FUMIGATE (Telone)	ACRE	\$175.00	1.00	\$175	\$5.83	\$35,000	
WATER	ACRE	\$24.00	1.00	\$24	\$0.80	\$4,800	
IRRIGATION ENERGY	ACRE	\$52.00	1.00	\$52	\$1.73	\$10,400	
IRRIGATION REPAIR	ACRE	\$10.00	1.00	\$10	\$0.33	\$2,000	
SPRINKER LEASE	ACRE	\$60.00	1.00	\$60	\$2.00	\$12,000	
TECH FEES	ACRE	\$53.00	1.00	\$53	\$1.77	\$10,600	
CROP INSURANCE	ACRE	\$25.00	1.00	\$25	\$0.83	\$5,000	
REPAIR & MAINTENANCE	ACRE	\$12.00	1.00	\$12	\$0.40	\$2,400	
FUEL & OIL	ACRE	\$34.55	1.00	\$35	\$1.15	\$6,910	
LABOR	ACRE	\$12.00	1.00	\$12	\$0.40	\$2,400	
INTEREST	ACRE	\$45.36	1.00	\$45	\$1.51	\$9,072	
Total Pre-Harvest Expenses				\$834	\$27.80	\$166,782	\$0
<i>HARVEST COSTS</i>							
REPAIR & MAINTENANCE	ACRE	75.00	1.00	75	2.50	\$15,000	
HAULING	ACRE	130.00	1.00	130	4.33	\$26,000	
LABOR	ACRE	8.50	1.00	9	0.28	\$1,700	
FUEL	ACRE	25.82	1.00	26	0.86	\$5,164	
Total Harvest Costs				239	\$7.98	47,864.00	
Total Operating Costs				\$1,073	\$35.77	\$214,646	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>							
GENERAL FARM OVERHEAD	ACRE	40.00	1.00	40	1.33	\$8,000	
OWNERSHIP COSTS	ACRE	110.00	1.00	110	3.67	\$22,000	
PAYMENT ON COOP SHARE	ACRE	44.00	1.00	44	1.47	\$8,800	
REAL ESTATE TAXES	ACRE	30.00	1.00	30	1.00	\$6,000	
DEPRECIATION	ACRE	120.00	1.00	120	4.00	\$24,000	
Total Property & Ownership Costs				344	\$11.47	68,800.00	\$0
Total Direct Costs				\$1,417	\$47.24	\$283,446	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$593	\$19.76	\$118,554	\$0
<i>FACTOR PAYMENTS</i>							
Land @ 4%				50	\$1.67	\$10,000	
RETURN TO MANAGEMENT & RISK				\$543	\$18.09	\$108,554	\$0