



Ag Management Guide

2011

Front Range Irrigated Alfalfa

Estimated Production Costs & Returns

NUMBER OF ACRES
100

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per Ton	Estimated Value to Farm	YOUR FARM
ALFALFA	TON	\$250.00	6	\$1,500	\$250.00	\$150,000	_____
NET GOV'T PAYMENTS	ACRE			\$0	\$0.00	\$0	_____
Total Receipts				\$1,500	\$250.00	\$150,000	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per Ton	Estimated Value to Farm	YOUR FARM
<i>OPERATING PREHARVEST</i>							
FERT. (P) (11-52-0)	LBS	\$0.78	200.00	\$156.00	\$26.00	\$15,600	_____
Potash	ACRE	\$20.00	1.00	\$20.00	\$3.33	\$2,000	_____
FERT. (N)	ACRE	\$0.00	1.00	\$0.00	\$0.00	\$0	_____
ESTABLISH. ALLOC. (5 Years)	ACRE	\$8.40	1.00	\$8.40	\$1.40	\$840	_____
HERBICIDE (Raptor)	ACRE	\$16.00	1.00	\$16.00	\$2.67	\$1,600	_____
INSECTICIDE (Warrior)	ACRE	\$16.00	1.00	\$16.00	\$2.67	\$1,600	_____
CUSTOM APPLICATION	ACRE	\$15.00	1.00	\$15.00	\$2.50	\$1,500	_____
IRRIGATION ENERGY	ACRE	\$36.00	1.00	\$36.00	\$6.00	\$3,600	_____
IRRIGATION REPAIR	ACRE	\$10.00	1.00	\$10.00	\$1.67	\$1,000	_____
SPRINKER LEASE	ACRE	\$60.00	1.00	\$60.00	\$10.00	\$6,000	_____
LABOR	ACRE	\$12.00	1.00	\$12.00	\$2.00	\$1,200	_____
INTEREST	ACRE	\$20.96	1.00	\$20.96	\$3.49	\$2,096	_____
Total Pre-Harvest Expenses				\$370	\$61.73	\$37,036	\$0
<i>HARVEST COSTS</i>							
FUEL	ACRE	7.71	1.00	7.71	1.29	\$771	_____
REPAIR & MAINTENANCE	ACRE	8.00	1.00	8.00	1.33	\$800	_____
LABOR	ACRE	4.00	1.00	4.00	0.67	\$400	_____
BALING	ACRE	120.00	1.00	120.00	20.00	\$12,000	_____
HAULING/STACKING	ACRE	20.00	1.00	20.00	3.33	\$2,000	_____
Total Harvest Costs				160	\$26.62	15,971.00	_____
Total Operating Costs				\$530	\$88.35	\$53,007	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>							
GENERAL FARM OVERHEAD	ACRE	30.00	1.00	30	5.00	\$3,000	_____
OWNERSHIP COSTS	ACRE	16.00	1.00	16	2.67	\$1,600	_____
REAL ESTATE TAXES	ACRE	30.00	1.00	30	5.00	\$3,000	_____
DEPRECIATION	ACRE	73.00	1.00	73	12.17	\$7,300	_____
Total Property & Ownership Costs				149	\$24.83	14,900.00	\$0
Total Direct Costs				\$679	\$113.18	\$67,907	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$821	\$136.82	\$82,093	\$0
<i>FACTOR PAYMENTS</i>							
Land @ 4%				\$50	\$8.33	\$5,000	_____
RETURN TO MANAGEMENT & RISK				\$771	\$128.49	\$77,093	\$0