Colorado State University — Department of Agricultural and Resource Economics

Ag Management Guide 2009

Southern Colorado - Irrigated Corn (Silage)

Estimated Production Costs & Returns

NUMBER OF ACRES 200

GROSS RECIPTS FROM PRODUCTION

GROSS RECIPTS	Unit	Price	Yield	Per Acre	Per Ton	Estimated Value to Farm	YOUR FARM
CORN - SILAGE	BU	$32.00	25	$800	$32.00	$160,000	
NET GOV'T PAYMENTS	ACRE			$0	$0.00	$0	
Total Receipts				**$800**	**$32.00**	**$160,000**	**$0**

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per Bu	Estimated Value to Farm	YOUR FARM
OPERATING PREHARVEST							
FERTILIZER N	ACRE	$60.00	1.00	$60	$2.40	$12,000	
SEED	ACRE	$60.00	1.00	$60	$2.40	$12,000	
HERBICIDE	ACRE	$35.00	1.00	$35	$1.40	$7,000	
INSECTICIDE	ACRE	$16.00	1.00	$16	$0.64	$3,200	
CUSTOM AERIAL SPRAY	ACRE	$8.00	1.00	$8	$0.32	$1,600	
SPRAY (OTHER)	ACRE	$0.00	1.00	$0	$0.00	$0	
IRRIGATION ENERGY	ACRE	$52.00	1.00	$52	$2.08	$10,400	
IRRIGATION REPAIR	ACRE	$10.00	1.00	$10	$0.40	$2,000	
SPRINKER LEASE	ACRE	$60.00	1.00	$60	$2.40	$12,000	
CROP CONSULTANT	ACRE	$8.00	1.00	$8	$0.32	$1,600	
CROP INSURANCE	ACRE	$25.00	1.00	$25	$1.00	$5,000	
REPAIR & MAINTENANCE	ACRE	$10.00	1.00	$10	$0.40	$2,000	
FUEL & OIL	ACRE	$20.02	1.00	$20	$0.80	$4,004	
LABOR	ACRE	$6.00	1.00	$6	$0.24	$1,200	
INTEREST	ACRE	$31.45	1.00	$31	$1.26	$6,290	
	ACRE	$0.00	1.00	$0	$0.00	$0	
	ACRE	$0.00	1.00	$0	$0.00	$0	
	ACRE	$0.00	1.00	$0	$0.00	$0	
	ACRE	$0.00	1.00	$0	$0.00	$0	
	ACRE	$0.00	1.00	$0	$0.00	$0	
Total Pre-Harvest Expenses				**$401**	**$16.06**	**$80,294**	**$0**
HARVEST COSTS							
CUSTOM CUT/HAUL	ACRE	35.00	1.00	35	1.40	$7,000	
	ACRE	0.00	1.00	0	0.00	$0	
	ACRE	0.00	1.00	0	0.00	$0	
	ACRE	0.00	1.00	0	0.00	$0	
	ACRE	0.00	1.00	0	0.00	$0	
Total Harvest Costs				35	$1.40	7,000.00	
Total Operating Costs				**$436**	**$17.46**	**$87,294**	**$0**
PROPERTY & OWNERSHIP COSTS							
GENERAL FARM OVERHEAD	ACRE	20.00	1.00	20	0.80	$4,000	
OWNERSHIP COSTS (Mach)	ACRE	60.00	1.00	60	2.40	$12,000	
REAL ESTATE TAXES	ACRE	0.00	1.00	0	0.00	$0	
DEPRECIATON	ACRE	52.50	1.00	53	2.10	$10,500	
	ACRE	0.00	1.00	0	0.00	$0	
Total Property & Ownership Costs				133	$5.30	26,500.00	$0
Total Direct Costs				**$569**	**$22.76**	**$113,794**	**$0**
NET RECEIPTS BEFORE FACTOR PAYMENTS				**$231**	**$9.24**	**$46,206**	**$0**
FACTOR PAYMENTS							
Land @ 4%				$50			
RETURN TO MANAGEMENT & RISK				**$181**	**$9.24**	**$46,206**	**$0**