

Ag Management Guide

2014

Western CO - Onions

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per CWT	YOUR FARM
ONIONS	CWT	\$14.00	410.00	\$5,740.00	\$14.00	
NET GOV'T PAYMENTS	ACRE			\$0.00	\$0.00	
Total Receipts				\$5,740.00	\$14.00	

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per CWT	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	540.00	1.00	540.00	1.32	
FERTILIZER	DOLS	360.00	1.00	360.00	0.88	
Application	DOLS	51.50	1.00	51.50	0.13	
HERBICIDE	DOLS	315.00	1.00	315.00	0.77	
Application	DOLS	41.00	1.00	41.00	0.10	
INSECTICIDE	DOLS	270.00	1.00	270.00	0.66	
Application	DOLS	21.00	1.00	21.00	0.05	
FUNGICIDE	DOLS	320.00	1.00	320.00	0.78	
Application	DOLS	102.00	1.00	102.00	0.25	
IRRIGATION WATER	DOLS	25.00	1.00	25.00	0.06	
IRRIGATION EXPENSE	DOLS	10.00	1.00	10.00	0.02	
CROP INSURANCE	DOLS	90.00	1.00	90.00	0.22	
FIELD PREPARATION	DOLS	193.00	1.00	193.00	0.47	
WEEDING LABOR	DOLS	40.00	1.00	40.00	0.10	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	89.19	1.00	89.19	0.22	
Total Pre-Harvest Expenses				2,467.69	6.02	
<i>HARVEST COSTS</i>						
HARVEST	DOLS	815.00	1.00	815.00	1.99	
HAULING	DOLS	250.00	1.00	250.00	0.61	
STORAGE	DOLS	270.00	1.00	270.00	0.66	
LABOR	DOLS	160.00	1.00	160.00	0.39	
SORTING/BAGGING	DOLS	200.00	1.00	200.00	0.49	
Total Harvest Costs				1,695.00	4.13	
Total Operating Costs				4,162.69	10.15	
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	50.00	1.00	50.00	0.12	
OWNERSHIP COSTS	DOLS	75.00	1.00	75.00	0.18	
REAL ESTATE TAXES	DOLS	16.00	1.00	16.00	0.04	
Total Property & Ownership Costs				141.00	0.34	
Total Direct Costs				4,303.69	10.50	
NET RECEIPTS BEFORE FACTOR PAYMENTS				1,436.31	3.50	
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	0.24	
RETURN TO MANAGEMENT & RISK				1,336.31	3.26	

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

		ALTERNATIVE PRICES				
		\$/CWT				
ALTERNATIVE YIELDS		-25%	-10%	+10%	+25%	
-25%	307.50	(\$1,074.94)	(\$429.19)	\$1.31	\$431.81	\$1,077.56
-10%	369.00	(\$429.19)	\$345.71	\$862.31	\$1,378.91	\$2,153.81
CWT	410.00	\$1.31	\$862.31	\$1,436.31	\$2,010.31	\$2,871.31
+10%	451.00	\$431.81	\$1,378.91	\$2,010.31	\$2,641.71	\$3,588.81
+25%	512.50	\$1,077.56	\$2,153.81	\$2,871.31	\$3,588.81	\$4,665.06