

COOPERATIVE EXTENSION  
UNIVERSITY OF CALIFORNIA

MCARTHUR, CALIFORNIA 96056  
P.O. BOX 9  
(INTER MOUNTAIN FAIRGROUNDS)  
TELEPHONE: FALL RIVER MILLS  
(916) 336-5784

SHASTA-LASSEN COUNTIES

1987

PRODUCTION COSTS FOR

~~ALFALFA~~  
ASPARAGUS  
CEREALS  
CHRISTMAS TREES  
~~DRY ONIONS~~  
GARLIC  
IRRIGATED PASTURE  
POTATOES  
WILD RICE

IN FALL RIVER AND  
BIG VALLEY

Dear Producer:

The attached cost studies are estimates of current cost of production of some of the important crops of this area. They are only estimates and average costs for this area were utilized. Producers paying current real estate prices and buying new equipment will find higher costs. Note also, that this is a cash flow cost study; labor costs are included, and management and return to investment values are not included. Profit is defined as net earnings above these costs.

This year electronic spread sheets for Christmas trees, asparagus, and dry onions are added over last year. Note that the Christmas tree and asparagus cost studies are multiyear studies using a calculation for present value to look at opportunity of investment money. If you would like to make your own cost study, call and make an appointment and I'll be pleased to work with you on one. Virtually everyone has a change or two they would like to see in a cost study and with a microcomputer, changes take seconds. Come on in and see how some changes might affect your 1987 projections.

Sincerely,



Daniel B. Marcum  
Farm Advisor

SAMPLE DRY BULB FRESH MARKET ONION PRODUCTION COSTS - FALL RIVER AND BIG VALLEY PORTION OF NORTHEASTERN CALIFORNIA  
 PREPARED BY DANIEL B. MARCUM - SHASTA-LASSEN FARM ADVISOR BOX 9, MCARTHUR, CALIFORNIA 96056 916-336-5784

YIELD IN LBS/ACRE 35000  
 YIELD IN CWT/ACRE 350  
 YIELD IN TONS/ACRE 17.5  
 SING PRICE .10

LONG TERM INTEREST RATE YEARLY % 12.00  
 SHORT TERM INTEREST RATE MONTHLY % 1.00

INCOME		RANCH TOTAL	TOTAL PER ACRE	PERCENT
	SALES OF DRY ONIONS	17500.00	3500.00	100
	TOTAL INCOME	17500.00	3500.00	100

COSTS	LABOR OR CUSTOM \$ PER ACRE	MATERIALS		RANCH TOTAL COST/SEASON	TOTAL PER ACRE PER SEASON	PERCENT
		UNITS	COST/UNIT			
VARIABLE EXPENSES						
FERTILIZER						
16-20-0	4.00	500	.12	320.00	64.00	2
46-0-0	4.00	250	.08	120.00	24.00	1
ZNSO4 22%	4.00	45	.37	103.25	20.65	1
WATER						
LAY PIPE	20.00			100.00	20.00	1
PICK UP PIPE	20.00			100.00	20.00	1
IRRIGATION	2.00	15	5.00	525.00	105.00	3
SOIL PREP, PLANTING, AND CULTIVATION						
PLOW ONCE	10.00			50.00	10.00	0
DISC 2X	12.00			60.00	12.00	0
HARROW	4.00			20.00	4.00	0
BED	10.00			50.00	10.00	0
PLANT	10.00	3	75.00	1175.00	235.00	8
CULTIVATE	6.00			30.00	6.00	0
WEED CONTROL						
DACTHAL	4.00	12	4.75	305.00	61.00	2
GOAL 2X	4.00	1	16.00	200.00	40.00	1
BROMOXNYL 2X	4.00	.25	13.00	72.50	14.50	0
HARVEST						
UNDERCUT	10.00			100.00	20.00	1
DIS	20.00			100.00	20.00	1
TOP AND SACK			.05	8750.00	1750.00	56
SACKS		350	.25	437.50	87.50	3
MOVE TO STORAGE		350	.10	175.00	35.00	1
STORAGE/MONTHS/TON		5	10.00	875.00	175.00	6
SHORT TERM INTEREST						
MONTHS		5		683.41	136.68	4
TOTAL OF VARIABLE EXPENSES				14351.66	2870.33	

FIXED EXPENSES	VALUE FOR ENTIRE RANCH	YEARS OF PAYMENTS			
MORTGAGE	5000.00	40	606.52	121.30	4
EQUIPMENT	2500.00	10	442.46	88.49	3
IRRIGATION SYSTEM	1500.00	20	200.82	40.16	1
TAXES	25.00		25.00	5.00	0
TOTAL OF FIXED EXPENSES			1274.80	254.96	
TOTAL OF ALL EXPENSES			15626.46	3125.29	100
NET PROFIT (LOSS)			1973.54	374.71	

COST OF PRODUCTION PER POUND OF GARLIC .09  
 COST OF PRODUCTION PER CWT OF ONIONS 8.93  
 COST OF PRODUCTION PER TON OF ONIONS 178.59