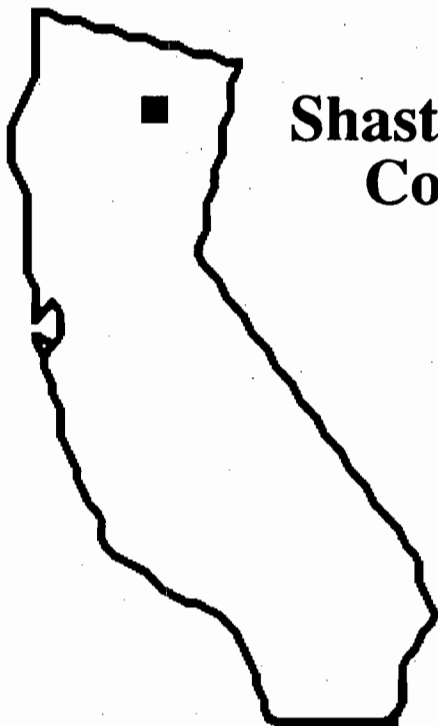


# POTATOES 1987



**Shasta-Lassen  
Counties**

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

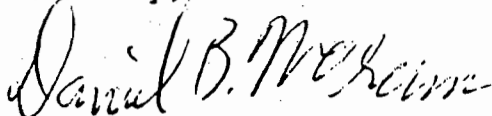
PRODUCTION COSTS FOR  
ALFALFA  
ASPARAGUS  
CEREALS  
CHRISTMAS TREES  
DRY ONIONS  
GARLIC  
IRRIGATED PASTURE  
POTATOES  
WILD RICE  
IN FALL RIVER AND  
BIG VALLEY

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 POTATO PRODUCTION COSTS - FALL RIVER AND BIG VALLEY PORTION OF NORTHEASTERN CALIFORNIA - 1987**  
**PREPARED BY DANIEL B. MARCUM - SHASTA-LASSEN FARM ADVISOR BOX 9, MCARTHUR, CALIFORNIA 96056 916-336-5784**  
**ACRES OF POTATOES 40**

YIELD OF GRADE 400  
 PRICE FOR GRADE 3.00  
 YIELD OF CULL 100  
 PRICE FOR CULL .50

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

INCOME	RANCH TOTAL	TOTAL PER ACRE	PERCENT O
SALES OF GRADE POTATOES	48000.00	1200.00	96
SALES OF CULL POTATOES	2000.00	50.00	4
<b>TOTAL INCOME</b>	<b>50000.00</b>	<b>1250.00</b>	<b>100</b>

COSTS	LABOR OR CUSTOM \$ PER ACRE	MATERIALS		RANCH TOTAL COST/SEASON	TOTAL PER ACRE PER SEASON	PERCENT O
		UNITS	COST/UNIT			
<b>VARIABLE EXPENSES</b>						
<b>FERTILIZER</b>						
16-20-0	4.00	1000	.11	4560.00	114.00	10
<b>WATER</b>						
LAY PIPE	20.00			800.00	20.00	2
PICK UP PIPE	20.00			800.00	20.00	2
IRRIGATION	2.00	20	5.00	5600.00	140.00	12
<b>SOIL PREP AND CULTIVATION</b>						
PLOW ONCE	8.00			320.00	8.00	1
DISC 2X	4.00			160.00	4.00	0
HARROW	2.00			80.00	2.00	0
BED	4.00			160.00	4.00	0
CULTIVATE 2X	4.00			320.00	8.00	1
<b>WEED AND DISEASE CONTROL</b>						
METRIBUZIN	4.00	.5	14.00	440.00	11.00	1
MANZATE 4X	4.00	.375	14.00	1480.00	37.00	3
<b>CUTTING SEED AND PLANTING</b>						
PURCHASE SEED		18	12.00	8640.00	216.00	19
CUT AND DUST SEED		18	1.50	1080.00	27.00	2
PLANT	15.00			600.00	15.00	1
<b>HARVEST</b>						
SPRAY VINES	4.00	.5	20.00	560.00	14.00	1
ROLL VINES	4.00			160.00	4.00	0
DIG	10.00			400.00	10.00	1
BULK AND HAUL		.5		10000.00	250.00	22
<b>SHORT TERM INTEREST</b>						
MONTHS		5		1808.00	45.20	4
<b>TOTAL OF VARIABLE EXPENSES</b>				<b>37968.00</b>	<b>949.20</b>	

FIXED EXPENSES	VALUE FOR ENTIRE RANCH	YEARS OF PAYMENTS			
MORTGAGE	40000.00	40	4852.15	121.30	10
EQUIPMENT	10000.00	10	1769.84	44.25	4
IRRIGATION SYSTEM	12000.00	20	1606.55	40.16	3
TAXES	200.00		200.00	5.00	0
<b>TOTAL OF FIXED EXPENSES</b>			<b>6428.53</b>	<b>210.71</b>	
<b>TOTAL OF ALL EXPENSES</b>			<b>46396.53</b>	<b>1159.91</b>	<b>100</b>
<b>NET PROFIT (LOSS)</b>			<b>3603.47</b>	<b>90.09</b>	

COST OF PRODUCTION PER CWT