

PERMANENT IRRIGATED PASTURE  
(SPRINKLER OR BORDER CHECK IRRIGATION)  
Western Riverside County - 1975

SAMPLE COSTS OF PRODUCTION

Based on a ten year life and on sprinkler or border check stand establishment. Labor @ \$2.50/hr. including Social Security and Workmen's Compensation; 20 hours wheel gas tractor @ 55¢/hr. with mower. Land values @ \$500/acre, taxes @ 10% rate, irrigation water @ \$10/acre foot.

Operations	Hrs/ Acre	Labor Cost	Equip. Cost	Materials		Cost/ Acre	Cost/Acre
				Kind	Amount		
Pre-irrigate 1X	0.9	\$2.25	\$	Water	½ AcFt	\$2.25	\$4.50
Disc	0.68	1.70	1.70				3.40
Spike Harrow	0.25	0.63	0.30				0.93
Float 1X	0.5	1.25	0.50				1.75
Plant 1X	0.2	0.50	0.56	Seed	20#	13.00	14.06
Post Plant	2.8	7.00		Water	½ AcFt	2.25	9.25
Irrigate 3X							
Depreciation & Interest on Investment on Equipment to Establish Stand							9.85
<b>COST TO ESTABLISH PASTURE STAND</b>							<u>\$43.74</u>

							SPRINKLER	BORDER CHECK
Sprinkler Irri- gate 31X +	17	\$45.00		Water	5 AcFt	\$50.00	\$116.60	\$ -
Border Check Irrigate 31X	17	45.00		Water	6 AcFt	60.00	-	105.00
Fertilizer 4X	1.2	3.00		Nitrogen	120# @			
					29¢	34.80	57.00	57.00
				P <sub>2</sub> O <sub>5</sub> <sup>2</sup>	80# @			
					24¢	19.20		
Drag 2X (Ring Harrow)	0.25	0.62	0.30				0.92	0.92
Mow 2X	0.6	1.50	1.28				2.78	2.78
Re-Border & Miscellaneous Maintenance, Gopher Control							1.00	2.00
<b>TOTAL ANNUAL CULTURAL OPERATIONS</b>							<u>\$178.30</u>	<u>\$167.70</u>

Cash overhead (office, car, phone, auto, insurance, etc.)						\$ 5.00	\$ 5.00
County taxes on equipment (for annual operations only)						9.54	2.14
Cash rent						25.00	25.00
<b>TOTAL CASH OVERHEAD AND RENT</b>						<u>\$ 39.54</u>	<u>\$ 32.14</u>

	Investment Per Acre	Depreciation	Interest on Investment @ 7.5% x ½ Cost		
Pasture stand	\$43.74	\$ 4.37	\$1.62		
Sprinkler system*	150.00*	10.00*	5.62*		
Field equipment	8.04 <sup>1</sup>	0.80	0.30		
SPRINKLER	\$201.78*	\$15.17	\$7.51	\$ 22.71	\$ -
BORDER CHECK	51.78	5.17	1.91	-	7.08
<b>TOTAL DEPRECIATION &amp; INTEREST ON INVESTMENT</b>				<u>\$ 22.71</u>	<u>\$ 7.08</u>
<b>TOTAL COST PER ACRE</b>				<u>\$240.55</u>	<u>\$206.92</u>
<b>COST PER ANIMAL UNIT MONTH (assuming 20 AUM per year)</b>				<u>\$ 11.84</u>	<u>\$ 10.34</u>

\*Sprinkler costs omitted in calculating investment and depreciation costs where border check method is used.

<sup>1</sup>Investment per acre based on commercial sized acreage for tractor and equipment.  
<sup>2</sup>Phosphorus is not always needed.

Gross income per acre reported by the Agricultural Commissioner's Office is as follows:

1972: \$145.41	1973: \$224.60	1974: \$240.11
----------------	----------------	----------------

**COOPERATIVE EXTENSION**  
**U. S. DEPARTMENT OF AGRICULTURE**  
**UNIVERSITY OF CALIFORNIA**  
**BERKELEY, CALIFORNIA 94720**

**OFFICIAL BUSINESS**  
**PENALTY FOR PRIVATE USE \$300**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF AGRICULTURE**

**AGR 101**



Cooperative Extension Work in Agriculture and Home Economics, U. S. Department of Agriculture, University of California, County of Riverside Cooperating  
The University of California Cooperative Extension in compliance with the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972,  
and the Rehabilitation Act of 1973 does not discriminate on the basis of race, creed, religion, color, national origin, sex, or mental or physical  
handicap in any of its programs or activities. Inquiries regarding this policy may be directed to: Affirmative Action Officer, Cooperative Extension,  
317 University Hall, University of California, Berkeley, California 94720, (415) 642-0903.

UC Cooperative Extension