

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 | |
| COST TO ESTABLISH PASTURE STAND | | | | | | | | <u>\$43.74</u> |

| | | | | | | | SPRINKLER | BORDER CHECK |
|---|------|---------|------|--|---------------|---------|-----------------|-----------------|
| Sprinkler Irri- gate 31X + Border Check | 17 | \$45.00 | | Water | 5 AcFt | \$50.00 | \$116.60 | \$ - |
| 3.60/Ac. Ft. for Booster Power | | | | | | | 18.00 | |
| 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 ₂ O ₅ ² | 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 |
| TOTAL ANNUAL CULTURAL OPERATIONS | | | | | | | <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 |
| TOTAL CASH OVERHEAD AND RENT | <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 ¹ | 0.80 | 0.30 | | |
| SPRINKLER | \$201.78* | \$15.17 | \$7.51 | \$ 22.71 | \$ - |
| BORDER CHECK | 51.78 | 5.17 | 1.91 | - | 7.08 |
| TOTAL DEPRECIATION & INTEREST ON INVESTMENT | | | | <u>\$ 22.71</u> | <u>\$ 7.08</u> |
| TOTAL COST PER ACRE | | | | <u>\$240.55</u> | <u>\$206.92</u> |
| COST PER ANIMAL UNIT MONTH (assuming 20 AUM per year) | | | | <u>\$ 11.84</u> | <u>\$ 10.34</u> |

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

¹Investment per acre based on commercial sized acreage for tractor and equipment.
²Phosphorus 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

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