

Shasta/Lassen 77

PRODUCTION COSTS FOR WHEEL LINE IRRIGATED ALFALFA HAY
BIG VALLEY - 1977

| | | Establishment Cost/Acre | | |
|--|---------------|---------------------------------|---|-----------------|
| | | Labor, Fuel & Repairs | Material | Total |
| 1st Year Cultural Costs | | | | |
| Rip 2 x | Custom | \$100.00 | - | \$100.00 |
| Chisel | Custom | 10.00 | - | 10.00 |
| Land Plane 2 x | Custom | 10.00 | - | 10.00 |
| Disc 2 x | | 6.00 | - | 6.00 |
| Fertilize 2 x | | 4.00 | 150 lb/ac 21-0-0 @ \$100/ton | 7.50 |
| | | | 300 lb/ac Popcorn Sulfur @ \$60/ton | 9.00 |
| Harrow | | 2.00 | - | 2.00 |
| Plant | | 2.50 | 20 lb/ac. coated seed @ \$2/lb. | 40.00 |
| Herbicide | Custom | 3.50 | 3 pt/ac. Eptam @ \$28/gal. | 10.50 |
| ½ Season Irrigation, Taxes, & Investment | | - | | 93.00 |
| Total Establishment Costs | | \$138.00 | | \$160.00 |
| Cost/Yr. for a 6 Yr. Stand | | | | \$ 49.67 |
| | | Annual Maintenance Costs | | |
| | | Labor, Fuel & Repairs | Material | Total |
| Annual Cultural & Harvest Costs | | | | |
| Irrigate 8 x | | \$ 16.00 | 3 ac. ft. water @ \$7/ac. ft. | \$ 21.00 |
| Herbicide | Custom | 3.50 | 1.2 lb. A.I. Simazine @ \$4.38 lb. A.I. | 5.25 |
| Harvest & Roadside | | 40.00 | Wire @ \$2.25/ton | 9.00 |
| 4 ton crop | | | | 49.00 |
| Total Annual Main. Costs/Yr. | | \$ 59.50 | | \$ 35.25 |
| Cash Overhead Costs | | | | |
| Taxes | | | \$400/ac. Land @ 2% | \$ 8.00 |
| Misc. Expenses | | | 5% of Annual Costs | 7.62 |
| Total Cash Costs/Yr. | | | | \$160.04 |
| Management | | 5% of 4 tons @ \$70.00/ton | | \$ 14.00 |
| | | Annual Cost | | |
| Investment | Cost per Acre | Interest @ 9% | Depreciation | Total |
| Land | \$ 400.00 | \$ 36.00 | - | \$ 36.00 |
| Irrigation System | 300.00 | 13.50 | \$20.00 (15 yrs) | 33.50 |
| Equipment | 300.00 | 13.50 | 30.00 (10 yrs) | 43.50 |
| Total Investment Costs | | \$1000.00 | \$ 63.00 | \$50.00 |
| Total Cost Per Acre Per Year | | | | \$287.04 |
| Cost Per Ton @ 4 Ton Yield | | | | \$ 71.76 |