

Shasta/Jasson

COSTS FOR WHEEL LINE IRRIGATED ALFALFA

BIG VALLEY - 1981

		Establishment Cost/Acre		
		Labor, Fuel & Repairs	Material	Total
1st Yr. Cultural Costs				
Rip 2 x	Custom	\$ 75.00		\$ 75.00
Chisel	Custom	30.00		30.00
Land Plane	Custom	15.00		15.00
Disc 2 x		30.00		30.00
Fertilize		3.50	300 lb/ac elemental S @ \$116.00/ton	\$ 17.40
Harrow		4.00		4.00
Plant and Fertilize		4.50	150 lb/ac 21-0-0 @ \$127.00/ton	9.53
			25 lb/ac coated seed @ \$2.50/lb	62.50
Herbicide		4.50	1 1/2 pt. EPTC + 1 1/2 qt. Benefin @ \$30.00/gal @ \$12.00/gal	10.13
1/2 Season Irrigation				184.29
Taxes and Investment				184.29
Total Establishment Costs				\$450.35
Cost/Yr. for a 6 Yr. Stand		\$166.50		\$283.85
				75.06
Annual Maintenance Costs				
		Labor, Fuel & Repairs	Material	Total
Annual Cultural & Harvest Costs				
Irrigate 8 x		\$ 16.00	2.6 ac. ft. water @ \$15.00/ac.ft.	\$ 39.00
Herbicide Custom		4.50	1 lb. 80% simazine @ \$4.00/lb. + 1 pt. Paraquat @ \$48.00 + .2 pt x -77 @ \$17.00	10.45
Harvest and Roadside				14.95
5 tons @ \$25.00		125.00		125.00
Total Main. Costs/Yr.		\$145.50		\$49.45
				\$194.95
Cash Overhead Costs				
Taxes			\$800/ac. land @ 1%	\$ 8.00
Miscellaneous Expenses			5% of Annual Costs	13.90
Total Cash Costs/Year				\$291.91
Management			5% of 5 tons @ \$100.00/ton	\$ 25.00
Annual Costs				
Investment	Cost/Acre	Interest	Land & Irrig.	Depreciation
Land	\$ 800	12 1/2 %	40 yr.	
Irrigation System	400	13 %	7 yr.	
Equipment	400			
Total Invest. Costs	\$1,600	\$238.91		\$66.67
				\$305.38
Total Costs per Acre per Year				\$622.49
Cost per Ton @ 5 ton yield				\$124.50
@ 6 ton yield				108.96
@ 7 ton yield				95.51
@ 8 ton yield				89.53

UC Cooperative Extension