

PRODUCTION COSTS FOR WHEEL LINE IRRIGATED ALFALFA HAY
FALL RIVER VALLEY - 1977

Handwritten notes:
150 lb/ac 21-0-0 @ \$100/ton
300 lb/ac Popcorn Sulfur @ \$60/ton

		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		-		89.00
Total Establishment Costs Cost/Yr. for a 6 Yr. Stand		\$138.00		\$156.00
				\$ 49.00
			Annual Maintenance Costs	
		Labor, Fuel & Repairs	Material	Total
Annual Cultural & Harvest Costs				
Irrigate 8 x		\$ 16.00	3 ac. ft. water @ \$6/ac. ft.	\$ 18.00
Herbicide	Custom	3.50	1.2 lb A.I. Simazine @ \$4.38/lb. A.I.	5.25
Harvest & Roadside		50.00	Wire @ \$2.25/ton	11.25
5 ton Crop				61.25
Total Annual Main. Costs/Yr.		\$ 69.50		\$ 34.50
Cash Overhead Costs				
Taxes			\$500/ac. Land @ 2%	\$ 10.00
Miscellaneous Expenses			5% of Annual Costs	8.15
Total Cash Costs/Year				\$171.15
Management			5% of 5 Tons @ \$70/ton	\$ 17.50
			Annual Cost	
Investment	Cost Per Acre	Interest @9%	Depreciation	Total
Land	\$ 500.00	\$45.00	-	\$ 45.00
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		\$1100.00	\$72.00	\$50.00
Total Cost per Acre per Year				\$310.65
Cost Per Ton @ 5 Ton Yield				\$ 62.13