

*Shasta*

Sample Costs To Produce Alfalfa  
Big Valley - 1982

Wheel line irrigation - 160 acres of a 320 acre operation

Operation	\$/Acre		Your Cost
	High	Low	
<u>Cultural Costs</u>			
Irrigate 7x	- labor	14.00	14.00
	- 2.6 ac./ft. @ \$8.60/ac.ft. or \$8.20/ac.ft.	22.40	21.30
Herbicide (every other yr.)	- custom application	2.50	-
	- 1 lb. 80% simazine @ \$4.00/lb.	2.00	-
Sulfur	- custom application	4.00	4.00
	- 400 lb./ac. gypsum @ \$30/ton	7.50	7.50
Interest on operating capital @ 16% for 1/2 yr.		9.00	8.00
TOTAL CULTURAL COSTS		61.40	54.80
<u>Harvest Costs</u>			
Harvest, bale and roadside	- 5 tons @ \$25/ton custom or \$10/ton	125.00	50.00
TOTAL CULTURAL AND HARVEST COSTS		186.40	104.80
<u>Investment</u>	<u>Value/Acre</u>	<u>Payback</u>	
	High	Low	Period
Land	800	500	40
			interest - 14%
Irrigation	450	450	40
			interest - 14%
			depreciation
Equipment	-	600	7
			interest - 16%
			depreciation
Stand	503	330	7
			interest - 16%
			depreciation
TOTAL INVESTMENT COST PER ACRE		281.00	326.00
TOTAL PRODUCTION COST PER ACRE		467.40	430.80
TOTAL PRODUCTION COST PER TON @ 5 TONS		93.50	86.20

Sample Costs To Establish Alfalfa  
Big Valley - 1982

Wheel line irrigation - Early fall planting - 7 year stand  
160 acres on a 320 acre operation

Operation	<u>\$/Acre</u>			Your Cost
	High	Low		
<u>Cultural Costs</u>				
Rip 1x	- custom	80.00	-	
Chisel	- custom (high) or own equipment (low)	20.00	5.00	
Land Plane 1x	- custom (high) or own equipment (low)	36.00	9.00	
Herbicide	- application (custom)	5.00	-	
	- EPTC 3pt./ac. @ \$36/gal.	13.50	-	
Disc 2x	- custom (high) or own equipment (low)	16.00	4.00	
Fertilize	- application (custom)	4.00	-	
	- 400 lb./ac. 0-25-0 @ \$164/ton	41.00	-	
Harrow		5.00	-	
Plant	- labor, fuel and repairs	5.00	5.00	
	- 25 lb./ac. coated seed @\$1.40/lb or \$2.40 lb.	60.00	35.00	
Irrigate 5x	- labor	8.00	8.00	
	- .6 ac.ft. of water @ \$8.50/ac.ft.	5.00	5.00	
Interest on cultural costs @ 16% for 1/2 yr.		34.00	6.00	
<b>TOTAL CULTURAL COSTS</b>		<b>323.00</b>	<b>75.00</b>	
<u>Overhead Costs</u>				
Taxes on land - 1/2 yr.		4.00	2.50	
Misc. office and bookkeeping- 6% for 1/2 yr		20.00	5.00	
<b>TOTAL OVERHEAD COSTS</b>		<b>24.00</b>	<b>7.50</b>	
<u>Investment</u>	<u>Value/Acre</u>		<u>Payback</u>	
	High	Low	Period	
Land	800	500	40	interest - 14%
				93.00
Irrigation	450	450	40	interest - 14%
				depreciation
				52.00
				11.00
Equipment	custom	650	7	interest - 16%
				depreciation
				-
				52.00
				-
				74.00
<b>TOTAL INVESTMENT COST</b>		<b>156.00</b>	<b>247.00</b>	
<b>TOTAL ESTABLISHMENT COST</b>		<b>503.00</b>	<b>329.50</b>	