

SAMPLE COSTS TO ESTABLISH ALFALFA

Butte County - May 1982

Sprinkled up in fall

Labor: \$5.50/hr. tractor operator

\$4.50/hr. irrigators

Operation	Hours Per Acre	Cash and labor cost per acre			Total
		Labor	Fuel	Materials Kind and Quantity Cost	
<u>Land Preparation</u>					
Chisel 1x	.40	2.20	9.78		\$ 11.98
Disc 2x	.26	1.43	6.10		7.53
Landplane 2x	.34	1.88	6.62		8.50
Pull checks	.05	.28	.86		1.14
Shape checks	.10	.56	2.13		2.69
Weed control				material application	15.00 3.35
Disc	.13	.72	3.05		3.77
Fertilize	.33	1.81	3.31	400 lbs 0-25-0 SSP - 35 @\$180/ton	36.00 41.12
Disc	.13	.72	3.05		3.77
Springtooth 3X	.25	1.35	5.29		6.64
Plant - drill w/ roller	.25	1.13	1.62	25 lbs coated seed 62.50 @ \$2.50/lb	
Irrigation	1.56	8.58		drill rental .50 6" water @\$25/ acre foot 12.50 rent sprinklers 23.00	65.75 44.08
Interest on operating ban @ 14% for 6 mo.					14.34
<b>TOTAL CULTURAL COSTS</b>					<b>\$229.66</b>

Cash Overhead

Misc., office, etc.					11.00
Taxes, insurance and repairs					1.18

**TOTAL CASH OVERHEAD** \$ 12.18

**TOTAL CASH COST** \$241.84

Investment	Per Acre	Annual Cost		TOTAL
		Depreciation	Interest@12%	
Irrigation system	360	18	22	
Equipment	51	5	3	
<b>TOTAL</b>	<b>411</b>	<b>23</b>	<b>25</b>	<b>\$ 48.00</b>

**TOTAL COST PER ACRE** \$289.84

**SAMPLE COSTS TO PRODUCE ALFALFA**

Butte County - May 1982

4 year stand

7 ton yield

Labor: \$5.50/hr tractor operator

\$4.50/hr irrigators

Operation	Hours Per Acre	Cash and labor cost per acre				
		Labor	Fuel	Materials Kind and Quantity	Cost	Total
<b>Cultural Costs</b>						
Irrigate	5	22.50		4 ac.ft. water @\$12.50 ac.ft.	50.00	\$ 77.50
Ditch maintenance	.05	2.25				2.25
Insect control 2x				material application	11.20 6.70	17.90
Winter weed control				materials application	29.00 6.00	35.00
Pickup and truck use						2.83
Interest on operating loan - 14% for 6 mo.						9.48
<b>TOTAL PREHARVEST CASH COSTS</b>						<b>\$144.96</b>
Custom harvest				\$27/ton		\$189.00
<b>Cash Overhead</b>						
Misc., office, etc. 5% of operating costs						16.67
Taxes, insurance repairs						1.18
Rent - 25% of 7 tons @ \$80/ton						140.00
<b>TOTAL CASH OVERHEAD</b>						<b>\$157.85</b>
<b>TOTAL CASH COST</b>						<b>\$491.81</b>
<b>CASH COST PER TON @ 7 tons</b>						<b>\$ 70.26</b>
<b>CASH COST PER TON @ 6 tons</b>						<b>\$ 78.64*</b>

Investment	Per Acre	Annual Cost			
		Depreciation	Interest @ 12%		
Stand	290	72	17		
Irrigation system	360	18	22		
Equipment	51	5	3		
<b>TOTAL</b>		<b>95</b>	<b>42</b>	<b>\$137.00</b>	
<b>TOTAL COST PER ACRE</b>					<b>\$628.81</b>
<b>COST PER TON @ 7 ton yield</b>					<b>\$ 89.83</b>
<b>COST PER TON @ 6 ton yield</b>					<b>\$101.47*</b>

\*Adjusted for reduced rent for lower yield