

SAMPLE COSTS TO ESTABLISH A STAND OF ALFALFA FOR HAY
IN TULARE COUNTY

Cost Analysis Work Sheet - 1975

Conditions of this example are as follows: Man labor at \$3.50 per hour, which includes employer's Social Security and Workman's Compensation payments. Tractors are 80 h.p. crawler, 80 h.p. wheel diesel and 60 h.p. wheel diesel. Cash costs, depreciation and interest costs per hour for each tractor are: 80 h.p. crawler \$6.55, \$2.60 and \$1.98. 80 h.p. wheel tractor \$3.20, \$2.04 and \$1.02. 60 h.p. wheel tractor \$2.70, \$1.60 and 80¢.

Annual investment costs and real estate taxes are charged to the hay production schedule, so are omitted from the development costs.

NOTE: Alkali soils will require the addition of sulfur or gypsum to improve water penetration. These costs are not included in this example.

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	SAMPLE COSTS PER ACRE	MY COSTS PER ACRE
Cash Costs:		
Shred previous crop residue		
½ hr. man and 80 h.p. wheel tractor	\$ 3.35	
Disc 2 X: total ½ hr. man and crawler tractor	5.02	
Chisel: 1 hr. man and crawler tractor	10.05	
Landplane 1 X: 1/6 hr. man and crawler tractor	1.68	
Border preparation: ½ hr. man and 80 h.p. wheel tractor	3.35	
Landplane between borders: 1/6 hr. man and crawler tractor	1.68	
Fertilize: P ₂ O ₅ from 11-48-0	21.75	
Application: custom bulk spreading	2.75	
Pre-irrigate: power for 1 ft. of water	6.50	
Labor: 1 hr. per acre	3.50	
Disc or springtooth for seedbed preparation		
½ hr. per acre man and 60 h.p. wheel tractor	1.55	
Re-shape borders: 1/12 hr. man and 80 h.p. wheel tractor	.56	
Weed control: custom applied	12.50	
Plant: seed, 20 lbs. at \$1.85	37.00	
Plant by airplane	1.75	
Cover seed: 1/8 hr. man and 80 h.p. wheel tractor	.84	
Repairs to equipment except tractors	10.00	
Office and business expenses	7.43	
TOTAL CASH COSTS	\$131.26	
Depreciation:		
Tractor: crawler 1 5/6 hrs.	\$ 4.77	
80 h.p. wheel tractor 1 5/24 hrs.	2.47	
60 h.p. wheel tractor ½ hr.	.40	
Equipment except tractors	3.50	
TOTAL DEPRECIATION	\$ 11.14	
Interest on Investment at 8%:		
Tractors: crawler 1 5/6 hrs.	\$ 3.63	
80 h.p. wheel tractor 1 5/24 hrs.	1.23	
60 h.p. wheel tractor ½ hr.	.20	
Equipment except tractors	2.12	
TOTAL INTEREST ON INVESTMENT	\$ 7.18	
TOTAL COST TO ESTABLISH ALFALFA	\$149.58	