

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

Cost Analysis Work Sheet - 1977

Conditions of this example are as follows: Field labor at \$4.20 per hour total cost, and equipment operator at \$4.80. Tractors available are 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, \$7.10, \$3.30 and \$2.50; 80 h.p. wheel tractor, \$3.62, \$2.00 and \$1.00; 60 h.p. wheel tractor, \$2.84, \$1.80 and 88¢.

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

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

O.D. MCCUTCHEON, KINGS COUNTY FARM ADVISOR AND EDWARD A. YEARY, FARM ADVISOR-STATEWIDE

	SAMPLE COSTS PER ACRE	MY COSTS PER ACRE
<b>Cash Costs:</b>		
Disc 2 x: ½ Hr. labor and crawler tractor	5.95	
Chisel: 1 Hr. labor and crawler tractor	11.90	
Landplane: 1/6 Hr. labor and crawler tractor	1.98	
Border Preparation: ½ Hr. labor & 80 h.p. W.D.	4.21	
Landplane Between Borders: 1/6 Hr. labor & crawler tractor	1.98	
Fertilize: 200 Lbs. - P205 from 11-48-0 @ \$181.70/Ton	37.85	
Application: Custom bulk spreading	2.75	
Pre-Irrigate: Power for 1 ac. ft. water @ \$10.00	10.00	
Labor: 1 Hour	4.20	
Disc or Springtooth for Seedbed Preparation		
½ Hr. per acre labor & 60 h.p. W.D. Tractor	1.91	
Re-shape Borders: 1/12 Hr. labor and 80 h.p. W.D.	.70	
Weed Control: Custom applied	12.00	
Plant Seed, 20 Lbs. @ \$2.00	40.00	
Plant by Airplane	2.75	
Cover Seed: 1/8 Hr. labor and 80 h.p. W.D. tractor	1.05	
Repairs to Equipment Except Tractors	14.00	
Office & Business Costs: 6% of Cash Costs	9.20	
<b>TOTAL CASH COSTS</b>	<b>162.43</b>	
<b>Depreciation:</b>		
Tractor: Crawler 1 5/6 Hrs.	6.05	
80 h.p. W.D. - 17/24 Hrs.	1.42	
60 h.p. W.D. - 1/4 Hr.	.45	
Equipment except tractors	5.00	
<b>TOTAL DEPRECIATION</b>	<b>12.92</b>	
<b>Interest on Investment at 8%</b>		
Tractors: Crawler 1 5/6 Hrs.	4.58	
80 h.p. W.D. - 17/24 Hrs.	.71	
60 h.p. W.D. - 1/4 Hr.	.22	
Equipment except tractors	2.50	
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>8.01</b>	
<b>TOTAL COST TO ESTABLISH ALFALFA</b>	<b>183.36</b>	