

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

Cost Analysis Work Sheet - 1974

Conditions of this example are as follows: Man labor at \$2.90 and equipment operator at \$3.50 per hour, which includes employer's Social Security and Workman's Compensation payments. Tractors are 80 h.p. crawler, 75 h.p. wheel diesel and 50 h.p. wheel diesel. Cash costs, depreciation and interest costs per hour for each tractor are: 80 h.p. crawler, \$6.31, \$2.75, and \$2.06; 80 h.p. wheel tractor, \$3.36, \$1.58, and 79¢; 50 h.p. wheel tractor, \$2.29, \$1.15 and 57¢.

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
<b>Cash Costs:</b>		
Disc 2 x: Total ½ Hr. man and crawler tractor	\$ 4.91	
Chisel: 1 Hr. man and crawler tractor	9.81	
Landplane 1 x: 1/6 Hr. man and crawler tractor	1.64	
Border Preparation: 1/2 Hr. man and 80 h.p. wheel tractor	3.43	
Landplane Between Borders: 1/6 Hr. man and crawler tractor	1.64	
Fertilize: 100 Lbs. of P <sub>2</sub> O <sub>5</sub> from 11-43-0 @ \$240/Ton	23.04	
Application: Custom bulk spreading	2.00	
Pre-Irrigate: Power for 1 ft. of water at \$6.50 Acre Feet	6.50	
Labor: 1 Hr. per acre - \$2.90	2.90	
Disc or Springtooth for Seedbed Preparation		
¼ Hr. per acre man and 50 h.p. wheel tractor	1.45	
Re-shape Borders: 1/12 Hr. man & 80 h.p. wheel tractor	.57	
Weed Control: Material & Application \$11.78	11.78	
Plant: Seed, 20 Lbs. at \$1.50	30.00	
Plant by Airplane	1.50	
Cover Seed: 1/8 Hr. man & 80 h.p. wheel tractor	.86	
Repairs to Equipment Except Tractors	5.00	
Office & Business Expenses	6.42	
<b>TOTAL CASH COSTS</b>	<b>\$ 113.45</b>	
<b>Depreciation:</b>		
Tractor: Crawler 1 5/6 hrs.	5.04	
80 h.p. wheel tractor - 17/24 Hrs.	1.12	
50 h.p. wheel tractor - 1/4 Hr.	.29	
Equipment: Except Tractors	3.50	
<b>TOTAL DEPRECIATION</b>	<b>\$ 9.95</b>	
<b>Interest on Investment at 8%</b>		
Tractors: Crawler - 1 5/6 Hrs.	3.78	
80 h.p. wheel tractor - 17/24 Hrs.	.56	
50 h.p. wheel tractor - 1/4 Hr.	.14	
Equipment: Except Tractors	1.90	
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 6.38</b>	
<b>TOTAL COST TO ESTABLISH ALFALFA</b>	<b>\$ 129.78</b>	