

SAMPLE COSTS TO PRODUCE DRY ONIONS BY DIRECT SEEDING IN KERN COUNTY

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Based on a yield of 18 tons per acre, sold in the windrow with the buyer paying harvesting costs. Man labor at \$1.90 per hour total, and equipment operator \$2.10, including Social Security and Workman's Compensation Insurance. 80 h.p. crawler tractor per hour cash costs \$3.20, depreciation \$1.80 and interest 72¢. 50 h.p. wheel tractor \$1.40, 74¢ and 30¢. Onions are planted in the early spring.

	Sample Costs		My Costs	
	Per Acre	Per Ton	Per Acre	Per Ton
<u>PRE-HARVEST CASH COSTS</u>				
Disc 2X: 1 hr. crawler tractor	5.30			
Chisel 2X: 1 hr. crawler tractor	5.30			
Landplane 2X: 1 hr. crawler tractor	5.30			
List and fertilize				
1 hr. wheel tractor	3.50			
250 lbs. material at \$69.00 ton	8.63			
Pre-irrigate - (sprinkler)				
8" water at \$14.00 ft., incl. booster	9.33			
Labor	2.50			
Shape beds: incorporate herbicide; plant				
1¼ hrs. 2 men and wheel tractor	6.75			
Seed: 3 lbs. at \$4.50	13.50			
Herbicide	11.00			
Irrigate 2X, sprinkler				
8" water at \$14.00 incl. booster	9.33			
Labor	1.75			
Cultivate 2X, fertilizer 1X				
1 hr. wheel tractor	3.50			
120 lbs. N at 10¢	12.00			
Chemical weed control; custom	15.00			
Irrigate 8 times, sprinkler				
8 hrs. labor	15.20			
2" water at \$14.00	28.00			
Pest control: materials and application, custom	5.00			
Hand weeding: 7 hrs.	13.30			
Lift onions: ½ hr. wheel tractor	1.75			
Windrow onions: 20 hrs. labor	38.00			
Misc. labor, materials, 1 hr. wheel tractor	6.00			
Repairs to equipment except tractors	10.00			
Rent: 12 months basis	60.00			
Supervision	10.00			
Office, car, operating capital, bus. costs, etc.	18.10			
TOTAL PRE-HARVEST CASH COSTS	318.04	17.67		
<u>HARVEST COSTS</u>				
Paid by buyer				
TOTAL CASH COSTS (tenant)	318.04	17.67		
<u>DEPRECIATION</u>				
80 h.p. crawler: 3 hrs. at \$1.80	5.40			
50 h.p. wheel tractor: 4-3/4 hrs. at 74¢	3.52			
Other equipment: \$90.00 for 10 years life	9.00			
TOTAL DEPRECIATION (tenant)	17.92	1.00		

DRY ONIONS BY DIRECT SEEDING (con't.)

INTEREST ON INVESTMENT AT 7%			
80 h.p. crawler: 3 hrs. at 72¢	2.16		
50 h.p. wheel tractor: 4-3/4 hrs at 30¢	1.42		
Other equipment: ½ cost \$45.00	3.15		
TOTAL INTEREST ON INVESTMENT (tenant)	6.73		
TOTAL COST OF PRODUCTION (tenant)	342.69	19.04	

SAMPLE COSTS PER TON AT VARYING YIELDS (Tenant)

Yield: Tons Per Acre	12	14	16	18	20	22	
Cash Costs Per Ton	26.50	22.72	19.88	17.67	15.90	14.46	
Total Costs Per Ton(tenant)	28.56	24.48	21.42	19.04	17.13	15.58	

SAMPLE TENANT'S COSTS PER TON AT THE INDICATED YIELDS WITH VARYING WATER COSTS

Yield: tons per Acre	Total Costs Per Ton at the Indicated Water Cost Per Acre Foot					
	\$1.00	\$3.00	\$6.00	\$12.00	\$15.00	\$18.00
12	25.11	25.66	26.50	28.16	29.00	29.83
14	21.52	22.00	22.71	24.14	24.85	25.57
16	18.83	19.25	19.87	21.12	21.75	22.37
18	16.74	17.11	17.66	18.78	19.33	19.89
20	15.06	15.40	15.90	16.90	17.40	17.90
22	13.70	14.00	14.45	15.36	15.82	16.27

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