

SAMPLE COSTS TO PRODUCE DRY ONIONS (FRESH MARKET)

Kern County - 1981

ON-VS-81-2

By John Guerard, Farm Advisor

	Unit	Price or Cost/Unit	Quantity	Value or Cost per Acre	Your Cost
1. Gross Receipts From Production:					
Onions	Sack	7.00	1000	7000.00	
Total Receipts:				7000.00	
2. Variable Costs:					
Preharvest:					
Fertilizer (11-48-0)	Lbs.	0.15	400	60.00	
Fertilizer Application	Acre	5.00	1	5.00	
Onions, Seed	Lbs.	30.00	3	90.00	
Herbicide & Applications	Aplc.	33.50	4	134.00	
Hand Weeding	Hour	4.90	10	49.00	
Pest Treatments(Disease,Insects)	Aplc.	7.50	2	15.00	
Nitrogen (UN 32)	Lbs.	0.30	199	59.70	
Crop Irrigation:					
Irrigation District Water	AcIn*	2.08	36	74.88	
Rent Sprinkler	Mo.	21.43	7	150.01	
Land Prep: Chisel 2x, Disc 2x Land Plane, List, Mulch, Plant, Cultivate 2x, Pickup, Booster Pump:					
Tractor (Fuel-Lube-Repairs)	Acre			26.92	
Equipment (Fuel-Lube-Repairs)	Acre			30.40	
Irrigation (Power-Lube-Repairs)	AcIn	1.33	35.5	47.23	
Machinery Labor	Hour	5.65	7.5	42.38	
Irrigation Labor	Hour	4.90	5.6	27.49	
Interest on Operating Cap.	Dol.	0.14	323.1	45.23	
Total Preharvest Costs:				857.24	
Preharvest Cost Per Sack				0.86	
Harvest:					
Custom Harvest:					
Load, Haul, Grade & Pack, Sales, Brokerage	Sack	2.55	1000.	2550.00	
Total Harvest Costs:				2550.00	
Harvest Cost Per Sack				2.55	
Total Variable Costs:				3407.24	
Variable Cost Per Sack				3.40	
3. Income Above Variable Costs:				3592.76	
Income Per Sack				3.59	
4. Overhead:					
Personal Property Taxes:				5.83	
Cash Rent:				200.00	
Misc. Office & Bookkeeping (8.00% of Total Variable Costs)				272.58	
Total Overhead:				478.41	
Overhead Cost Per Sack				0.48	
Total Cash Costs:				3885.65	
Total Cash Cost Per Sack				3.89	

*AcIn = Acre Inch

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5. Income Above All Cash Costs:				3114.35	
Income Per Sack				3.11	
6. Ownership Costs:					
Depreciation:					
Machinery & Equipment	Acres			18.06	
Total Depreciation				18.06	
Capital & Interest:					
Machinery & Equipment		0.14	154.6	21.64	
Total Interest Charge:				21.64	
Total Fixed Costs:				39.70	
Fixed Cost Per Sack				0.04	
7. Total of Above Costs:				3925.35	
Total Cost Per Sack				3.93	
8. Net Returns:				3074.65	
Net Returns Per Sack				3.07	

Yield of 25 Tons Per Acre (1000 50# Sacks)

Based on 80 Acres of Onions On A Total Farm of 700 Acres

Based on December Planting - July Harvest Sprinkler Irrigated

Cash Rent

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Numbers are rounded for convenience

University of California
Farm and Home Advisors Office
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