

SAMPLE COSTS TO PRODUCE GREEN ONIONS IN MONTEREY COUNTY - 1981

ON-CC-81

By J.W. Huffman, S. Mendivil, and E.A. Yearly

YIELD: Based on 1500 (4 dozen bunch) 18 lb. cartons per acre
 HARVEST: March to mid-January
 PLANT: January through December

TOTAL LABOR COSTS/HR.*	HOURLY TRACTOR COSTS		
	Cash Costs	Depreciation	Interest
Cl. I Tractor Driver 9.32 80 h.p. Crawler Diesel	14.51	6.33	4.75
Cl. II Tractor Driver 9.11 60 h.p. Wheel Diesel	6.35	2.25	1.69
Irrigator 8.15			
Other Labor 8.02			

Operation	Tractor Used	Hour/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL:						
Cover Crop & Manure					Proportion to onions	40.00
Subsoil 2x (1/2 to onions)	C-80	1.24	11.30	21.63		16.47
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	0.66	6.01	10.67		16.68
Level 2x	C-80	0.52	4.74	9.61		14.35
List & Preplant fertilizer					Contract @ \$8.00/Ac. 400# 12-12-12 @ \$47.60	55.60
Shape Beds & Roll	WD-60	0.25	2.28	1.84		4.12
Plant-4 Bed Planter	WD-60	0.42	3.83	3.74	15# seed @ \$8.00/#	127.57
Herbicide** 3x					Contract applications and materials	178.20
Irrigate 5x (1 pre, 1 sprinkler, 3 furrow)		7.5	61.13	3.75	2 Ac. Ft. @ \$36.00/ft. for power, 4.00 booster pump	140.88
Fertilizer sidedress 2x					Contract @ \$7.25/Ac. 140# N @ \$.44/#	76.10
Pest Control 5x					Contract @ \$8.25/Ac. Materials @ \$70.00	111.25
Cultivate 4x	WD-60	0.96	8.75	6.10		14.85
Weed		9.0	72.18			72.18
Miscellaneous (incl. set up & moving)		4.0	34.68	9.50		44.18

CULTURAL COSTS	930.96
Overhead: Interest on operating capital @ 17%	432.95
Business Costs: Office & Business Expense, etc., @ 15% cultural costs	74.48
Taxes: Equipment, except tractors	5.00
Rent: \$400.00/ac., 6 months to onions	200.00

OVERHEAD COSTS 712.43

CULTURAL AND OVERHEAD COSTS 1,643.39

Harvest: Harvest and pack at \$5.55 per carton (includes selling cost) 8,325.00

TOTAL CULTURAL, OVERHEAD, AND HARVEST COSTS 9,968.39

Annual Costs:	Investment	Per Acre	Depreciation	Interest - 15%
50% charged to onions	Buildings	\$ 60.00	\$ 3.00	\$ 4.50
Tractors are on an hourly basis	Irrig. Syst.	300.00	30.00	22.50
	Tractors	205.00	23.90	17.93
	Equipment	200.00	20.00	15.00
		<u>\$765.00</u>	<u>\$ 76.36</u>	<u>\$ 59.42</u>
6 months (except tractors and equipment) to onions				105.78
TOTAL COST PER ACRE				10,074.17
TOTAL COST PER CARTON				6.72

(see reverse side)

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Management has not been included as a cost of production in this study.

- * Labor costs per hour include fringe benefits paid by the farmer. Social Security, workmen's compensation, unemployment, health plan, vacation, pension plan, and paid holidays.
- ** For herbicide materials, rates and application, contact a Pest Control Advisor or your local Agricultural Extension Office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD: CARTONS PER ACRE	1300	1400	1500	1600	1700
CULTURAL & OVERHEAD COSTS	1,643.39	1,643.39	1,643.39	1,643.39	1,643.39
HARVEST @ \$5.00/CTN.	7,215.00	7,770.00	8,325.00	8,880.00	9,435.00
ANNUAL COST	105.78	105.78	105.78	105.78	105.78
TOTAL COST PER ACRE	8,964.17	9,519.17	10,074.17	10,629.17	11,184.17
TOTAL COST PER CARTON	6.90	6.80	6.72	6.64	6.58

SAMPLE COSTS TO PRODUCE PROCESSING ONIONS IN MONTEREY COUNTY - 1981
By S. D. Mendivil and E. A. Yeary

Yield: 20 tons per acre
Plant: March - April
Harvest: August - September

Total Labor Costs/Hr. ^{1/}

Hourly Tractor Costs

			Cash Costs	Depreciation	Interest
Class I Equip. Operator	9.32	80 h.p. Crawler Diesel	14.51	6.33	4.75
Class II Equip. Operator	9.11	60 h.p. Wheel Diesel	6.35	2.25	1.69
Irrigator	8.15				
Other Labor	8.02				

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL						
Subsoil 2x	C-80	1.24	11.30	21.63		32.93
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	0.66	6.01	10.67		16.68
Level 2x	C-80	0.52	4.74	9.61		14.35
List & Preplant Fertilizer					Contract @ \$8.00/ac 400# 12-12-12 @ \$54.00	62.00
Shape Beds & Roll	WD-60	0.5	4.56	3.68		8.24
Plant 4-Bed	WD-60	0.5	4.56	4.45	Seed provided by processor.	
Herbicide 3x ^{2/}					Contract, preplant \$9.50/ ac/appli., post-plant \$12.00/ac/appli. and materials \$144.70	178.20
Irrigation 9x		10.0	81.50	10.00	2.5 ac. ft. @ \$36.00/ac. ft. \$4.00 for booster pump	185.50
Fertilizer--side dress 2x					Contract @ \$7.25/ac/appl. 300# @ \$.44/lb	145.50
Insecticide Applications 2x					Contract @ \$8.25/ac/appl. materials \$42.50 (includes fungicides)	50.75
Cultivations 6x	WD-60	3.0	27.96	19.05		47.01
Hoe & Weed		9.0	72.45			72.45
Miscellaneous		3.0	25.21	7.00		32.21
CULTURAL AND MATERIALS COST						864.35

OVERHEAD		
Business costs: Office & Business Expense, etc. 15% of Cultural Costs		129.65
Taxes: Equipment, Except Tractors		5.00
Rent: \$500.00/acre		500.00
OVERHEAD COSTS		634.65

HARVEST	
By Processor	1499.00
TOTAL CULTURAL, OVERHEAD, AND HARVEST COSTS	1499.00

ANNUAL COSTS			
	Investment	Per Acre	
Buildings	60.00	6.00	Interest-15% 4.50
Irrig. System	300.00	30.00	22.50
Tractors	205.00	30.94	23.22
Equipment	200.00	20.00	15.00
	<u>765.00</u>	<u>86.94</u>	<u>65.22</u>
Total Annual Costs:			152.16
ANNUAL COST PER ACRE			1651.16
PER TON			82.56

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(see reverse side)

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