

SAMPLE COSTS OF PRODUCING ONIONS

(open market)

- San Benito County, 1973 -

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50 acres of onions on a 300 acre farm

Yield -- 550 cwt. per acre

Operation	Hrs. Per Acre	Cash and Labor Costs Per Acre				Total
		Fuel & Labor	Repairs	Materials	Cost	
<b>Cultural Costs</b>						
Land Preparation	4.76	\$ 12.03	\$15.06			\$ 27.09
Fertilize, pre-plant (contract) 1x				400# 12-12-12	\$ 26.41	26.41
Fertilize, sidedress (contract) 1x				500# 12-12-12	32.20	32.20
Plant, 1x	.42	1.33	1.07	3 lbs. seed @ \$12.00	36.00	38.40
Irrigate, sprinklers 3x	6.00	17.28		6 acre inches	5.32	22.60
Irrigate, furrows, 5x	10.00	28.80		30 acre inches	17.73	46.53
Cultivate, 6x	1.08	3.43	2.96			6.39
Hoe, 2x	25.00	65.00				65.00
Herbicide application (contract), 2x				applied	35.48	35.48
Pest Control, 2x (contract)				applied	8.88	8.88
<b>TOTAL CULTURAL COST</b>		<b>\$127.87</b>	<b>\$19.09</b>		<b>\$162.02</b>	<b>\$308.98</b>
<b>Harvest Costs</b>						
Lift	.22	\$ .70	\$ .32			\$ 1.02
Windrow	20.00	52.00				52.00
Top, bag, bin, 70¢/cwt.			385.00			385.00
Bin rent				2¢ cwt.	\$ 11.00	11.00
<b>TOTAL HARVEST COST</b>		<b>\$52.70</b>	<b>\$385.32</b>		<b>\$11.00</b>	<b>\$449.02</b>
<b>Cash Overhead</b>						
Misc., office, pickup, interest on operating equipment -- 12% of cultural costs						\$ 37.08
Taxes on equipment						12.82
Rent, including well						115.00
<b>TOTAL CASH OVERHEAD</b>						<b>\$164.90</b>
<b>TOTAL CASH COST</b>						<b>\$922.90</b>
<b>TOTAL CASH COST PER CWT.</b>						<b>\$ 1.68</b>
<b>MANAGEMENT</b>						
.5% of \$7.00/cwt.						\$192.50
<b>Investment Costs</b>						
		<u>Per Acre</u>		<u>Annual Cost Per Acre</u>	<u>Depreciation Interest</u>	
<b>TOTAL INVESTMENT OVERHEAD</b>		<b>\$690.86</b>		<b>\$62.39</b>	<b>\$25.11</b>	<b>\$ 87.50</b>
<b>TOTAL COST PER ACRE</b>						<b>\$1202.90</b>
<b>Total Cost per Cwt. @ 550 cwt. yield</b>						<b>\$ 2.19</b>

COSTS OF PRODUCTION AT VARYING YIELDS

YIELD -- Cwts. Per Acre	250	400	550	700	850
COST PER CWT.	\$3.43	\$2.57	\$2.19	\$1.97	\$1.82

ONIONS  
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APPENDIX --- COSTS USED

DETAILS OF LAND PREPARATION COSTS USED

	(1) Size	Cash and Labor Cost Per Acre			Total Each Time	Total All Times
		Hrs/acre	Labor	Fuel, Repairs		
Plow, 1x					5.32	5.32
Tractor, diesel crawler	60 hp	.54	1.72	2.14		
Plow, hydraulic 2-way	4-16'	.54		1.46		
Chisel, 2x					2.76	5.51
Tractor, diesel crawler	60 hp	.70	2.23	2.78		
Chisel	10' ft	.70		.50		
Landplane, 2x					2.82	5.64
Tractor, diesel crawler	60 hp	.66	2.10	2.62		
Landplane	10' x 40'	.66		.92		
Disc, 4x					1.93	7.71
Tractor, diesel wheel	60 hp	1.32	4.20	1.99		
Disc, hydraulic	10 ft	1.32		1.52		
List and Roll, 1x					1.87	1.87
Tractor, gas wheel	40 hp	.32	1.08	.59		
Lister	3-bed	.32		.14		
Roller	21 ft	.32		.06		
Bed Shape, 1x					1.04	1.04
Tractor, gas wheel	20 hp	.22	.70	.22		
Bedshaper	3-bed	.22		.12		
<b>TOTAL LAND PREPARATION</b>		<b>4.76</b>	<b>12.03</b>	<b>15.06</b>		<b>27.09</b>

(1) Horsepower at 75% of maximum

INVESTMENT COSTS INCLUDED

-INVESTMENT	PER ACRE	ANNUAL COST PER ACRE		
		Depreciation	Interest	Total
Shop & Equipment Storage	50.00	1.25	2.00	3.25
Trucks, one 2-ton, two ½-ton pickups	45.00	5.10	1.80	6.90
Tractor, 60 hp diesel crawler	120.67	8.04	4.49	12.53
Tractor, 60 hp diesel wheel	41.00	4.10	1.64	5.74
Tractors, gas wheel, 20 hp and 40 hp	43.92	4.39	1.76	6.15
Plow, hydraulic 2-way, 4-16	20.00	2.00	.80	2.80
Chisel, 10 ft.	5.17	.52	.21	.73
Landplane, 10 ft. x 40 ft.	19.67	1.31	.79	2.10
Disc, hydraulic, 10 ft.	10.33	1.03	.41	1.44
Lister, 3-bed; Bed Shaper, 3-bed	5.41	.54	.21	.75
Planter, precision, 6-row	20.00	2.00	.80	2.80
Cultivating sled, 3-bed	6.67	.67	.27	.94
Roller, 21 ft.; Spike Harrow, 16 ft.	10.20	.51	.40	.91
Rotary rod	7.10	.24	.15	.39
Baskets, shears, sacks	167.70	17.72	3.40	21.12
Sprinklers, laterals, risers, mainline, gated pipe	31.35	3.14	2.51	5.65
Booster pumps, two, 50 hp	46.67	5.83	1.87	7.70
Forklifts, two	40.00	4.00	1.60	5.60
<b>TOTAL INVESTMENT OVERHEAD</b>	<b>690.86</b>	<b>62.39</b>	<b>25.11</b>	<b>87.50</b>

HOURLY LABOR RATES USED

	Base Rate	Fringes & Other	Total		Base Rate	Fringes & Other	Total
Equipment Operator	\$2.80	\$.98	\$3.78	Irrigator	\$2.40	\$.48	\$2.88
Tractor Driver	2.65	.53	3.18	Field Hands	2.25	.35	2.60