

SAMPLE COSTS

TO GROW

ALMONDS

SOUTH SAN JOAQUIN

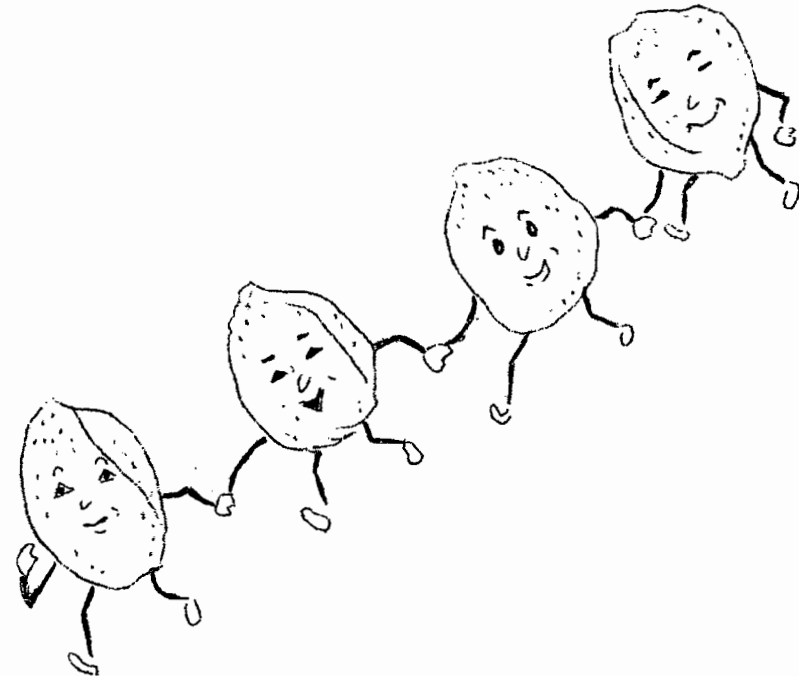
IRRIGATION

DISTRICT

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UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXTENSION SERVICE
[SAN JOAQUIN COUNTY]

HARVEST COSTS, SOUTH SAN JOAQUIN IRRIGATION DISTRICT

Harvesting	Man Labor per Acre		Equipment	Material	Total
	Hours	Cost			
Spring Tooth 2x	.50	.88	.48		1.36
Land Plane 2x	.80	1.40	.96		2.36
Knocking, Contract, \$11.00/ hr. 30 trees / hr.			36.67		36.67
Poling	1.00	1.50			1.50
Raking by hand	.50	.75			.75
Sweeping	1.00	1.75			1.75
Pick up and deliver to huller, contract \$18.00/hr.			18.00		18.00
Hull, -Contract 2/3 crop 2/5c -1b., -1/3 crop -2c/ 1b.			46.67		46.67
Haul to market, contract 7.00			7.00		7.00
Miscellaneous harvest costs	2.00	3.50	6.00	1.00	10.50
TOTAL HARVEST		9.78	115.78	1.00	126.56
Total Cash except taxes, etc.		\$278.37			
Cash Overhead		13.92			
County Taxes		32.58			
Total Cash Costs		\$324.87			

INVESTMENT COSTS

	Investment Per Acre	Depreciation	Interest
Land	1,200.00	-	72.00
Trees	900.00	30.00	27.00
Buildings	53.00	2.12	1.59
Irrigation facilities	60.00	2.40	1.80
Tractors	90.00	9.00	2.70
Other Equipment	121.68	13.37	3.65
Frost Protection Equipment	194.66	13.00	5.84
TOTAL	\$2619.34	\$69.89	\$114.58

TOTAL - ALL COSTS

Costs	Acre	Lbs.
Total Cash	324.87	.16
Depreciation	69.89	.04
Interest	114.58	.06
Management 5% of 1 ton x 525.00	525.00	.01
	535.59	.27

SAMPLE COSTS TO GROW ALMONDS
SOUTH SAN JOAQUIN IRRIGATION DISTRICT

1 TON YIELD PREHARVEST

There are two primary production areas in the county. They are the Ripon, Manteca and Escalon communities and the Tracy-Westside areas. Additional plantings are to be found near the communities of Linden and Lodi.

In comparing the two major producing areas of the county, we find the following differences:

	Westside	Eastside
I. Soil	Loams, clay loams and clay	Sandy loam and loamy sand
II. Depth of soil	Deep	Moderately deep
III. Irrigation application methods	Furrow	Flood, sprinkler
IV. Spring frosts	Infrequent	Protection necessary
V. Spring rains during bloom	Infrequent	Frequent
VI. Equipment	Track layer tractors	Wheel tractors

Yields per acre have probably changed upwards to a greater extent in almonds than any other tree or vine crop produced in the state. The primary reasons for the upward trend (250 lbs. to 2,000 lbs. inshell) are: Better orchard site selection, pest control, irrigation and fertilization, frost protection and availability of high-producing varieties.

Preharvest Cash Cost	Man Labor per acre		Cash Costs Per Acre		
	Hours	Cost	Equipment	Materials & Others	Total
Prune	9.00	13.50			13.50
Brush Removal	1.00	1.75	.95		2.70
Fertilize	.30	.53	.29	150 lbs. N. 12¢ / lb. 18.00	18.82
Spray 3x, 1,200 gal. 2¢ / gal. Contract			24.00	37.61	61.61
Disc, 3x	1.00	1.75	1.22		2.97
Spring Tooth, 4x	1.00	1.75	.96		2.71
Hoe, 6¢ / T.		3.30			3.30
Ridge, 6x	1.00	1.75	.97		2.72
Split ridges, 6x	.75	1.31	.73		2.04
Irrigate 6x	1.5	2.25	.25	Water 11.00	13.50
Bee Rental				3 hives @ \$3.00 ea. \$9.00	9.00
Frost protection 2x, pots	1.00	1.50	1.10	6 gals. oil @ 13¢ per gal. 78	3.38
Wind Machines	.50	.88	3.09		3.97
Miscellaneous	4.00	7.00	4.40	.19	11.59
TOTAL PREHARVEST		37.27	37.96	76.58	151.81