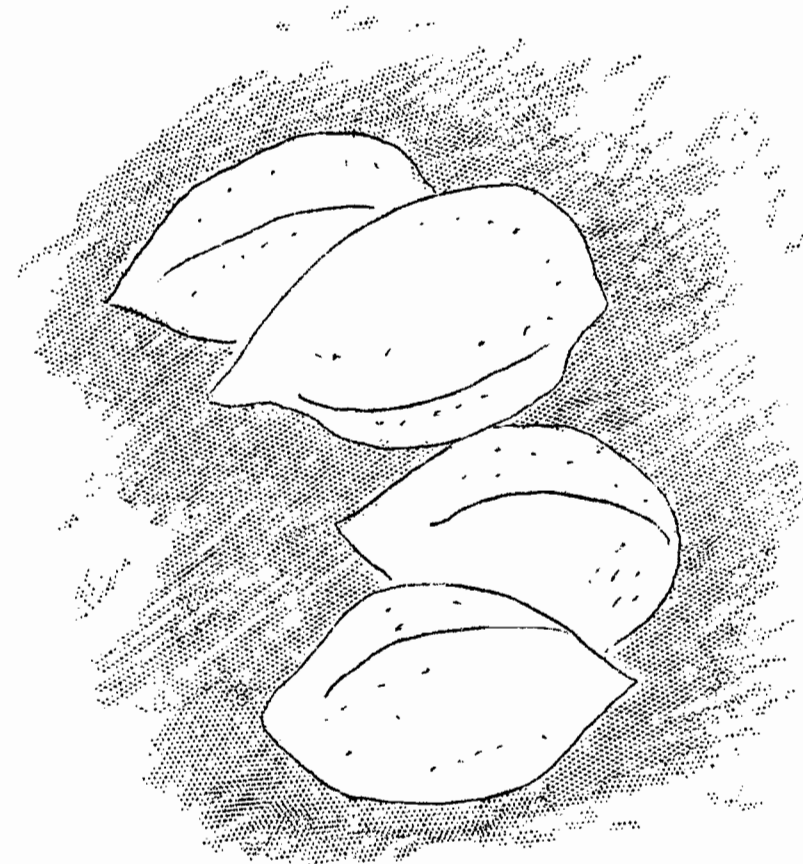


SAMPLE COSTS TO GROW

ALMONDS

BANTA-CARBONA IRRIGATION DISTRICT
SAN JOAQUIN COUNTY



Prepared By:

Don Rough	Phillip S. Parsons
Farm Advisor	Extension Economist
145 South American Street	Farm Management
Stockton, California 95202	University of California
	Davis, California 95616

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HARVEST - BANTA-CARBONA IRRIGATION DISTRICT

Harvesting	Man Labor Per Acre		Equipment	Material	Total
	Hours	Cost			
Harrow & Drag	.50	.88	.60		1.48
Harvest	36	54.00			54.00
	4	7.00	7.45		14.45
Haul to huller	1.0	1.75	1.00		2.75
Hull, Contract 3¢ / lb.			60.00		60.00
Haul to market, Contract			7.00		7.00
Miscellaneous harvest Cost	2.00	3.50	1.00	1.00	5.50
Total Harvest		67.13	77.05	1.00	145.18
Total Cash, except taxes, etc.					321.78
Cash overhead					16.09
County taxes					40.32
Irrigatiin taxes					7.53
Total Cash Costs / Acre					\$385.72

INVESTMENT - BANTA CARBONA - ALMONDS

	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest</u>
Land	\$1,200.00	-	\$72.00
Trees	900.00	36.00	27.00
Buildings	50.30	2.01	1.51
Irrigation Facilities	100.00	4.00	3.00
Tractors	116.66	7.78	3.66
Other Equipment	53.51	5.26	1.63
TOTAL	\$2,420.47	\$55.05	\$108.80

TOTAL - ALL COSTS

	<u>Acre</u>	<u>Lbs.</u>
Total Cash	385.72	.193
Depreciation	55.05	.027
Interest	108.80	.054
Management 5% of 1 Ton x 525.00	26.25	.013
TOTAL - ALL COSTS	\$575.82	.287

Sample Costs to Produce ¹Almonds
Banta-Carbona Irrigation District
1 Ton Per Acre Yield

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 Costs	Man Labor Per Acre		Cash Costs Per Acre		Total
	Hours	Cost	Equipment	Material & Others	
Prune	8	12.00			12.00
Brush Removal	1	1.75	1.25		3.00
Fertilize	.40	.70	.49	150 lbs. N @ 12¢ per lb. \$18.00	19.19
Spray 3x, 1200 gal. per acre, 2¢ / gal., contract			24.00	37.61	61.61
Hoe Trees		4.40			4.40
Disc	3.60	6.30	5.47		11.77
Harrow 2x	.40	.70	.50		1.20
Furrow, 5x	1.00	1.75	1.43		3.18
Irrigate, 5x	10.00	15.00		4 ac. ft. @ \$4.75 \$19.00	34.00
Bee Rental				3 hives @ \$3.00 ea. \$9.00	9.00
Miscellaneous Preharvest	8.00	14.00	1.25	\$2.00	17.25
TOTAL PREHARVEST		56.60	34.39	85.61	176.00