

ESTIMATED COSTS TO PRODUCE ALMONDS IN A MATURE ORCHARD

AM-VN-81-2

April 1981

by Wesley K. Asai, UC Farm Advisor - Stanislaus County

Based on 24' x 24' planting (75 trees/acre) flood irrigated in Modesto irrigation system.

| <u>Cultural Costs:</u> | <u>Cost Per Acre</u> |
|---|----------------------|
| Pruning - 10 hrs. labor | \$ 42.00 |
| Brush Disposal - 2 hrs. labor + 1 hr. tractor | 13.60 |
| Fertilizer - materials @ 200#/acre | 89.00 |
| - application 2X @ \$7 | 14.00 |
| Spray - materials | 195.00 |
| - application | 55.00 |
| Ridge up & knock banks | 9.40 |
| Water @ \$3.75/acre 6X | 3.75 |
| labor 6 hrs. man | 25.20 |
| Weed Control - materials (including Preharvest) | 75.00 |
| - application | 9.40 |
| Bees - 2 hives/acre @ \$25 each | 50.00 |
| Disc 2X and springtooth | 30.00 |
| Replace 2 trees per acre | 24.00 |
| Misc. cultural | 30.00 |
| Frost protection | 25.00 |
| Interest on operating capital | 82.84 |
| TOTAL CULTURAL COSTS | \$773.19 |
| <u>Harvest Costs:</u> | |
| Ground preparation | \$ 18.80 |
| Knock and pole @ \$1.50/tree | 112.50 |
| Hand rake | 4.20 |
| Machine rake | 3.00 |
| Pick-up, hull and haul 2000-in-shell lbs. @ 3¢/# | 100.00 |
| TOTAL HARVEST COSTS | \$238.50 |
| <u>Cash Overhead Costs:</u> | |
| Misc., office, etc. (8% of preharvest cash costs) | 61.86 |
| Taxes | 60.00 |
| TOTAL CASH OVERHEAD COSTS | \$121.86 |
| TOTAL CASH COSTS | \$1133.55 |
| Management - 5% of 1500 meat lbs. @ \$1.40/# | 105.00 |

(CONTINUED ON BACK)
UC Cooperative Extension

| <u>Investment:</u> | Per Acre | Depreciation | Interest @ 12% |
|--|--------------------|-----------------|-------------------|
| Land | \$ 5,500.00 | - | \$ 660.00 |
| Trees | 7,656.00 | \$382.80 | 459.36 |
| Irrigation system | 300.00 | 12.00 | 18.00 |
| Buildings | 125.00 | 5.00 | 7.50 |
| Equipment | 521.00 | 66.64 | 31.30 |
| Wind machine | 600.00 | 30.00 | 36.00 |
| Tractor | 188.00 | 18.80 | 11.28 |
| TOTAL INVESTMENT | \$14,890.00 | \$515.24 | \$1,223.44 |
| TOTAL INVESTMENT COSTS | | | \$1,738.68 |
| TOTAL COST OF PRODUCTION PER ACRE | | | \$2,977.23 |

Labor rates at \$4.20/hr. and tractor costs at \$5.20/hr.
Investment costs from "Almond Production Costs" - Don Rough, Farm Advisor,
San Joaquin County, 1980.

UC Cooperative Extension

The University of California Cooperative Extension in compliance with the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and the Rehabilitation Act of 1973 does not discriminate on the basis of race, creed, religion, color, national origin, sex, or mental or physical handicap in any of its programs or activities. Inquiries regarding this policy may be directed to: Eugene D. Stevenson, Affirmative Action Officer, 317 University Hall, University of California, Berkeley, California 94720, (415) 642-0931.

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the United States Department of Agriculture, Jerome B. Siebert, Director, Cooperative Extension University of California.