

SAMPLE COSTS TO ESTABLISH A FIG ORCHARD IN THE SOUTHERN SAN JOAQUIN VALLEY - 1984

Costs and prices are based on the Calimyrna variety. Others will vary in costs and values. Tree spacing is 22' x 22' (90 trees per acre). Total labor costs per hour are equipment operator \$6.25, and other labor \$5.25. Tractor per hour cash costs \$8.90, depreciation \$2.86, and interest \$1.60.

|  | Costs Per Acre |               |               |               |
|--|----------------|---------------|---------------|---------------|
|  | 1st Year       | 2nd Year      | 3rd Year      | 4th Year      |
| YIELD: field run: lbs. per acre                          |                |               |               |               |
| <u>Pre-Harvest Costs:</u>                                |                |               |               |               |
| *Deep ripping - custom                                   |                |               |               |               |
| Disc and float: 2 hrs. labor and tractor                 | \$ 700         |               |               |               |
| **Fumigate: materials and custom applic.                 | 30             |               |               |               |
| Trees: 90 @ \$3.25                                       | 293            |               |               |               |
| Mark, stake, dig holes, plant,<br>prune: 90¢/tree        | 81             |               |               |               |
| Re-plant 2nd year: 2 trees @ \$5.50                      |                | \$ 11         |               |               |
| Prune and train, starting 2nd year                       |                | 33            | \$ 50         | \$ 66         |
| Brush removal  |                |               | 11            | 11            |
| Fertilize: labor and material                            |                | 8             | 12            | 20            |
| Irrigate: water, labor, district taxes                   | 39             | 39            | 45            | 60            |
| Pest control, including rodents                          | 5              | 5             | 15            | 30            |
| Caprification  |                |               |               | 48            |
| Disc 4 times: 3 hrs. labor and tractor                   | 45             | 45            | 45            | 45            |
| Weed control and suckering                               | 30             | 40            | 40            | 40            |
| Misc. labor, materials, field power                      | 17             | 21            | 24            | 26            |
| Taxes  | 33             | 33            | 33            | 33            |
| Repairs, except tractor                                  | 19             | 19            | 19            | 19            |
| Invest on operating capital 12%                          | 94             | 15            | 18            | 26            |
| Office and business costs, 3% of cash costs              | 50             | 8             | 9             | 14            |
| <b>TOTAL PRE-HARVEST COSTS</b>                           | <b>\$1711</b>  | <b>\$ 277</b> | <b>\$ 321</b> | <b>\$ 438</b> |
| <u>Harvesting Costs:</u>                                 |                |               |               |               |
| Hand harvest: 4¢ lb.                                     |                |               |               | \$ 12         |
| Haul   |                |               |               | 3             |
| Sort and dry yard costs                                  |                |               |               | 18            |
| <b>TOTAL HARVEST COSTS</b>                               |                |               |               | <b>\$ 33</b>  |
| <b>TOTAL CASH COSTS</b>                                  | <b>\$1711</b>  | <b>\$ 277</b> | <b>\$ 321</b> | <b>\$ 471</b> |
| <u>Depreciation:</u>                                     |                |               |               |               |
| Complete irrigation system (drip)<br>\$1050, 12-yr. life | \$ 88          | \$ 88         | \$ 88         | \$ 88         |
| Buildings and equipment, \$210, 15-yr. life              | 14             | 14            | 14            | 14            |
| Tractor \$2.86 hr.                                       | 17             | 11            | 11            | 11            |
| <b>TOTAL DEPRECIATION</b>                                | <b>\$ 119</b>  | <b>\$ 113</b> | <b>\$ 113</b> | <b>\$ 113</b> |
| <u>Interest on Investment at 11%:</u>                    |                |               |               |               |
| Irrigation system, 1/2 cost \$525                        | \$ 58          | \$ 58         | \$ 58         | \$ 58         |
| Buildings and equipment, 1/2 cost \$105                  | 12             | 12            | 12            | 12            |
| Tractor \$1.60 per hour                                  | 10             | 6             | 6             | 6             |
| Land \$3000  | 330            | 330           | 330           | 330           |
| Interest on accumulated cost 11%                         |                | 246           | 361           | 493           |
| <b>TOTAL INTEREST ON INVESTMENT</b>                      | <b>\$ 410</b>  | <b>\$ 652</b> | <b>\$ 767</b> | <b>\$ 899</b> |
| <b>TOTAL COST FOR THE YEAR</b>                           | <b>\$2240</b>  | <b>\$1042</b> | <b>\$1201</b> | <b>\$1483</b> |
| CREDIT FOR FRUIT 56% LB. - FIELD RUN VALUE               | --             | --            | --            | \$ 168        |
| <b>NET COST FOR THE YEAR</b>                             | <b>\$2240</b>  | <b>\$1042</b> | <b>\$1201</b> | <b>\$1315</b> |
| <b>TOTAL ACCUMULATED COST</b>                            | <b>\$2240</b>  | <b>\$3282</b> | <b>\$4483</b> | <b>\$5798</b> |

\*Costs will vary with soil type and condition

\*\*May not be needed depending on previous land use.

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