

THOMPSON SEEDLESS GRAPES FOR TABLE USE

Sample Costs to Establish a Vineyard - 1986

COST ANALYSIS WORK SHEET

Costs are based on a 120 acre unit, vines spaced at 8' x 12'. Wages included social security, workman's compensation and insurance. Yield of 5.0 tons. Tractor and supervisory labor \$5.70 per hour, field labor \$4.85 per hour, and tractor \$6.48 per hour.

| | Cost / Acre | | |
|---|----------------|----------------|----------------|
| | 1st Year | 2nd Year | 3rd Year |
| YIELD: Tons Fruit/Acre | --- | --- | 5 |
| CULTURAL COSTS | | | |
| Fumigate | \$460 | | |
| Land preparation: contract | | | |
| 4 hrs chisel and labor | \$60 | | |
| 4 hrs disc, float, and labor | \$72 | | |
| Rootings: 454 @ \$0.37 (+20, 2nd year) | \$168 | \$7 | |
| Trim and store @ \$0.06 per rooting | \$36 | \$2 | |
| Machine planting: \$0.11/vine (+2hrs labor 2nd year) | \$50 | \$10 | |
| Stakes (treated): 454 7-ft @ \$1.00 ea | | \$454 | |
| End posts (treated): 11 8-ft @ \$4.50 | | \$50 | |
| Stake and set end posts: \$.018 stakes + \$4.50 end posts | | \$131 | |
| Wire: #13 high tensile @ \$0.34 per lb, 350 lbs | | \$119 | |
| String four wires and staple | | \$100 | |
| Attach crossarms and braces: 32 hrs labor | | | \$155 |
| Crossarms: 3ft @ \$0.31, braces \$0.04, staples, nails, tie wire \$0.04 | | | \$177 |
| Training and suckering: 24 hrs labor 2nd year | | \$116 | \$87 |
| 18 hrs labor 3rd year | | | |
| Prune and tie: 5 hrs labor 2nd yr | | \$24 | \$87 |
| 18 hrs 3rd yr | | | |
| Rabbit Control | \$15 | \$8 | \$19 |
| Irrigation: 5 hrs labor @ \$5.70 per hr | \$29 | \$29 | \$29 |
| Water power and/or district tax: 60 ft pumping | \$33 | \$65 | \$114 |
| 1, 2, 3 1/2 ac. ft. @ \$32.70 | | | |
| Cultivation and irrigation preparation | \$60 | \$72 | \$72 |
| 6 hrs labor + 4 hrs tractor 1st yr. | | | |
| 8 hrs labor + 4 hrs tractor 2nd yr and after | | | |
| Fertilizer: \$0.30/lb (30 lbs N 2nd yr | | \$14 | \$20 |
| 50 lbs 3rd yr + \$5/ac for application) | | | |
| Pest Management and disease control, includes mildew | \$17 | \$27 | \$293 |
| Herbicides: materials and application | \$35 | \$32 | \$32 |
| Misc. labor, materials, 1hr tractor | \$34 | \$29 | \$34 |
| TOTAL CULTURAL CASH COSTS | \$1,069 | \$1,289 | \$1,119 |
| Harvest Costs: Contract at \$45/ton-pick and haul | | | \$225 |
| TOTAL CASH COSTS | | | \$1,344 |

Costs / Acre

| | 1st Year | 2nd Year | 3rd Year |
|---------------------------------------|----------|----------|----------|
| OVERHEAD COSTS | | | |
| County taxes | \$39 | \$39 | \$39 |
| Office and business costs | \$30 | \$30 | \$30 |
| TOTAL OVERHEAD COSTS | \$69 | \$69 | \$69 |
| TOTAL CASH COSTS | \$1,138 | \$1,358 | \$1,413 |
| ACCUMULATED CASH COSTS | \$1,138 | \$2,496 | \$3,909 |
| DEPRECIATION | | | |
| Building, equipment and irrigation | \$65 | \$65 | \$65 |
| INTEREST ON INVESTMENT @ 12.5% | | | |
| Building, equipment and irrigation | \$55 | \$55 | \$55 |
| Land \$3000 | \$375 | \$375 | \$375 |
| Interest in accumulated cash cost | \$142 | \$312 | \$489 |
| TOTAL INTEREST ON INVESTMENT | \$572 | \$742 | \$919 |
| TOTAL COST FOR THE YEAR | \$1,775 | \$2,165 | \$2,397 |
| CREDIT FOR PRODUCTION | | | |
| @ \$75/ton for juice | | | (\$375) |
| NET COST FOR THE YEAR | \$1,775 | \$2,165 | \$2,022 |
| ACCUMULATED NET COST | \$1,775 | \$3,940 | \$5,962 |