

SPRING SLANT BED CANTALOUPE PROJECTED PRODUCTION COSTS 2002-2003

Hand labor at \$9.25 per hour (\$6.75 plus SS, unemployment insurance, transportation, supervision, workman's compensation, and fringe benefits).

| Yield--450 cartons per acre. | | Slant bed culture | Hybrid variety | | | |
|--|-------|--------------------------------------|----------------|------------------|--------------------|----------------|
| OPERATION | Cost | Type | Materials Cost | Hand Labor Hours | Hand Labor Dollars | Cost Per acre |
| LAND PREPARATION | | | | | | |
| Stubble disc 1x | 21.00 | | | | | 21.00 |
| Disc 2x | 12.50 | | | | | 25.00 |
| Triplane 1x | 11.25 | | | | | 11.25 |
| Border, cross check and break borders | 19.00 | | | | | 19.00 |
| Flood | | Water 1 ac-ft | 16.00 | 1 | 9.25 | 25.25 |
| Fertilizer, spread | 7.00 | 500 lbs. 11-52-0 | 58.75 | | | 65.75 |
| Disc 2x | 12.50 | | | | | 25.00 |
| List beds | 19.00 | | | | | 19.00 |
| TOTAL LAND PREPARATION | | | | | | 211.25 |
| GROWING PERIOD | | | | | | |
| Shape beds/plant/and systemic insecticide | 25.00 | Hybrid seed 20M | 219.00 | | | 244.00 |
| | | Admire | 75.00 | | | 75.00 |
| Herbicide, planting | 12.00 | Prefar | 25.00 | | | 37.00 |
| Back fill furrow | 12.00 | | | | | 12.00 |
| Thin | | | | 6 | 55.50 | 55.50 |
| Cultivate 3x | 16.00 | | | | | 16.00 |
| Center beds | 18.00 | | | | | 18.00 |
| Work furrow and spike | 12.00 | | | | | 12.00 |
| Sidedress fertilizer & furrow out | 17.00 | 80 lb. N @ .32 | 25.60 | | | 42.60 |
| Hand weed 1x | | | | 6 | 55.50 | 55.50 |
| Layby herbicide | 12.50 | Treflan | 5.00 | | | 17.50 |
| Pollination | | 1 1/2 hives @ \$27/hive | | | | 40.50 |
| Irrigate 5x | | Water 3 3/4 ac/ft | 60.00 | 8 | 74.00 | 134.00 |
| Water-run fertilizer | | 40 lb. N @ .32 | 12.80 | | | 12.80 |
| Insect control 4x | 9.50 | Insecticides | 75.00 | | | 113.00 |
| Disease control 2x | 10.00 | Fungicides | 16.00 | | | 36.00 |
| Bust beds (cleanup) | 13.00 | | | | | 13.00 |
| TOTAL GROWING PERIOD | | | | | | 934.40 |
| GROWING PERIOD & LAND PREPARATION COSTS | | | | | | 1145.65 |
| Land Rent (net acres) | | | | | | 200.00 |
| Cash Overhead----- | | 13 % of preharvest costs & land rent | | | | 174.93 |
| TOTAL PREHARVEST COSTS | | | | | | 1520.58 |
| HARVEST (field pack) | | | | | | |
| Pick, pack, haul, cool, and sell | | 450 cartons @ | | 3.75 per carton | | 1687.50 |
| TOTAL OF ALL COSTS | | | | | | 3208.08 |

PROJECTED PROFIT OR LOSS PER ACRE

| | | Price/ 38 lb.carton (dollars) | | | | | Break-even dollars/ carton |
|------------------|-----|-------------------------------|------|------|------|------|----------------------------|
| | | 5.00 | 6.00 | 7.00 | 8.00 | 9.00 | |
| cartons per acre | 400 | -1021 | -621 | -221 | 179 | 579 | 7.55 |
| | 450 | -958 | -508 | -58 | 392 | 842 | 7.13 |
| | 500 | -896 | -396 | 104 | 604 | 1104 | 6.79 |
| | 550 | -833 | -283 | 267 | 817 | 1367 | 6.51 |
| | 600 | -771 | -171 | 429 | 1029 | 1629 | 6.28 |

* Harvest costs vary with the shipper, the field conditions and the market value.