

**MIDBED-TRENCH 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. 120 days to maturity. Hybrid variety

OPERATION	Cost	Materials		Hand Labor		Cost Per acre
		Type	Cost	Hours	Dollars	
<b>LAND PREPARATION</b>						
Chisel	25.00					25.00
Disc 2x	12.50					25.00
Border, cross check and break borders	19.00					19.00
Flood		Water 1 ac-ft	16.00	1	9.25	25.25
Disc 2x	12.50					25.00
Triplane	12.00					12.00
Fertilizer, spread	7.00	500 lbs. 11-52-0	58.75			65.75
List beds	13.50					13.50
Shape beds	9.50					9.50
<b>TOTAL LAND PREPARATION</b>						<b>220.00</b>
<b>GROWING PERIOD</b>						
Shape beds and plant	25.00	Hybrid seed 20M	219.00			244.00
Spray herbicide	10.50	Prefar	41.00			51.50
Lay plastic mulch	55.00	Plastic mulch	82.00			137.00
Ventilate plastic				2	18.50	18.50
Remove/dispose plastic	10.00			3	27.75	37.75
Thin				9	83.25	83.25
Cultivate 2x	13.00					26.00
Spike 2x	9.75					19.50
Inject fertilizer	11.75	80 lb. N @ .35	28.00			39.75
Hand weed 1x				6	55.50	55.50
Furrow out	8.00					8.00
Layby Herbicide	12.50	Treflan	5.00			17.50
Pollination		1 1/2 hives @ \$27	40.50			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 2x	10.00	Insecticides	75.00			95.00
Disease control 1x	10.00	Fungicides	16.00			26.00
Bust beds (cleanup)	13.00					13.00
<b>TOTAL GROWING PERIOD</b>						<b>1059.55</b>
<b>GROWING PERIOD &amp; LAND PREPARATION COSTS</b>						<b>1279.55</b>
Land Rent (net acres)						200.00
Cash Overhead-----	13 % of preharvest costs & land rent					192.34
<b>TOTAL PREHARVEST COSTS</b>						<b>1671.89</b>
<b>HARVEST (field pack)</b>						
Pick, pack, haul, cool, and sell		450 cartons @	3.75 per carton			1687.50
<b>TOTAL OF ALL COSTS</b>						<b>3359.39</b>

**PROJECTED PROFIT OR LOSS PER ACRE**

		Price/carton (dollars)					Break-even \$/carton
		5.00	6.00	7.00	8.00	9.00	
<b>Cartons per acre</b>	400	-1172	-772	-372	28	428	7.93
	450	-1109	-659	-209	241	691	7.47
	500	-1047	-547	-47	453	953	7.09
	550	-984	-434	116	666	1216	6.79
	600	-922	-322	278	878	1478	6.54

\* Harvest cost may vary with the shipper, the field conditions and the market value.