

**ASPARAGUS PROJECTED PRODUCTION COST 2002-2003**

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

Yield--150-30-lb. pyramid crates		(4,500 lbs/ac.)		8-10 year crop life		
OPERATION	Cost	Type	Materials Cost	Hand Labor Hours	Dollars	Cost Per Acre
<b>LAND PREPARATION</b>						
Subsoil 2nd gear	39.00					39.00
Disc 2x	12.50					25.00
Triplane 1x	11.25					11.25
Border,cross check & break borders	19.00					19.00
Flood irrigate		Water 1 ac/ft	16.00	1	9.25	25.25
Disc 2x	12.50					25.00
Triplane 1x	11.25					11.25
Laser level	70.00					70.00
Fertilizer, spread	7.00	500 lb. 11-52-0	58.75			65.75
List	15.00					15.00
Shape beds	9.50					9.50
<b>TOTAL LAND PREPARATION</b>						<b>316.00</b>
<b>GROWING PERIOD</b>						
Install transplants		Transplants	500.00	40	370.00	870.00
Move beds 3X	14.00					42.00
Cultivate 2x	14.00					28.00
Spike 2x	11.00					22.00
Fertilize & furrow out 2x	14.00	200 lb. N @ .32	64.00			92.00
Lilliston 1x	13.00					13.00
Irrigate 10x		4 ac/ft	64.00	6	55.50	119.50
Insect control 6x	10.00	Insecticides	55.00			115.00
<b>TOTAL GROWING PERIOD COSTS (FIRST YEAR)</b>						<b>1301.50</b>
<b>GROWING PERIOD &amp; LAND PREPARATION COSTS (FIRST YEAR)</b>						<b>1617.50</b>
Land Rent (net acres)						250.00
Cash Overhead----		13 % of preharvest costs & land rent				242.78
<b>TOTAL FIRST YEAR COSTS</b>						<b>2110.28</b>
<b>STAND MAINTENANCE (8-10 YEAR LIFE)</b>						
Chop or swath fern 1x	25.00					25.00
Spread fern for burning				4	31.00	31.00
Burn fern	3.00					3.00
Flail scalp	13.00					13.00
Rotovate-shape beds 1x	27.00					27.00
Spike 1x	12.00					12.00
Cultivate 2x	14.00					28.00
Fertilize and furrow out 2x	13.00	300 lb. N @ .32	96.00			122.00
Water-run fertilizer		200 lb. N @ .18	36.00			36.00
Herbicide 2x	12.00	diuron/lorox	47.00			71.00
Irrigate 15x		8 ac/ft	128.00	10	92.50	220.50
Disease control 2x	10.00	Fungicides	20.00			40.00
Insect control 6x	10.00	Insecticide	40.00			100.00
<b>TOTAL ANNUAL COSTS</b>						<b>728.50</b>
<b>GROWING PERIOD COSTS</b>						
Land Rent						250.00
Overhead		15 % land rent and preharvest costs				146.78
Amortization		14 % of first year costs (excluding land rent & overhead)				226.45
<b>TOTAL PREHARVEST COSTS</b>						<b>1351.73</b>
<b>HARVEST COSTS</b>						
Cut, haul, pack, cool, and sell		150 -30 lb. crates @	26.00		per crate	3900.00
<b>TOTAL OF ALL COSTS</b>						<b>5251.73</b>

**PROJECTED PROFIT OR LOSS PER ACRE**

		Price/ 30-lb. crate (dollars)					Break-even \$/carton
		28.00	30.00	32.00	34.00	36.00	
Crates per acre	100	-1152	-952	-752	-552	-351.73	39.52
	125	-1102	-852	-602	-352	-101.73	36.81
	150	-1052	-752	-452	-152	148.28	35.01
	175	-1002	-652	-302	48	398.28	33.72
	200	-952	-552	-152	248	648.28	32.76

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