

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
LAND PREPARATION						
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
TOTAL LAND PREPARATION						316.00
GROWING PERIOD						
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
TOTAL GROWING PERIOD COSTS (FIRST YEAR)						1301.50
GROWING PERIOD & LAND PREPARATION COSTS (FIRST YEAR)						1617.50
Land Rent (net acres)						250.00
Cash Overhead----		13 % of preharvest costs & land rent				242.78
TOTAL FIRST YEAR COSTS						2110.28
STAND MAINTENANCE (8-10 YEAR LIFE)						
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
TOTAL ANNUAL COSTS						728.50
GROWING PERIOD COSTS						
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
TOTAL PREHARVEST COSTS						1351.73
HARVEST COSTS						
Cut, haul, pack, cool, and sell		150 -30 lb. crates @	26.00		per crate	3900.00
TOTAL OF ALL COSTS						5251.73

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.