

ASPARAGUS

Jan-00
LAND

ENTERPRISE
ASPARAGUS
RETAILED ON FARM

ACRES A-
1

“ EXPECTED INCOME ”

QUANTITY/ LB	Price/LB.		
	\$2.00	\$2.50	\$3.00
6534	\$13,068	\$16,335	\$19,602
8712	\$17,424	\$21,780	\$26,136
10890	\$21,780	\$27,225	\$32,670

MANAGEMENT INFORMATION **

Expected yield: 1/4 lb./plant starting yr 2; 1/2 lb./plant
Yr 3-15. Obtain one-year dormant crowns of the N.J. breeding program
hybrids: Jersey General, Jersey King, Jersey Knight, Jersey Gem.
These hybrids are resistant to soil-borne diseases such as fusarium crown rot
and, due to their hybrid vigor, may yield double or triple the
old Washington strains.
Spacing of 5' x 1' is recommended. Fertilizer: Estab. 1200#s of 5-10-10;
Annually - 75#s N, 100#s P, 150#s K - Maintain ph 6.8-7.0.
Herbicide: apply Pre-spear dormant. First Acre Irrigation - solid set sprinkler.
Establishment cost \$3,323 - Annual cost \$680/ac.
Volume marketing requires proper precooling; see Table 1.

INPUTS	1	2	3	4	5...15	PRICE	TOTAL
PLANTS	8712	0	0	0	0	0 \$0.15 /PLANT	\$1,307
New Jersey Hybrids * (Dormant Crowns)							
PLANTING (Machinery Costs)	20	0	0	0	0	\$1.00	\$20.00
PREPARE SITE - Cultivation	20	0	0	0	0	\$1.00	\$20.00
LIME	2	0	2	0	2	0.4 \$20.00 /TON	\$200.00
INSECTICIDE:							
POUNCE 3.2 EC	3	3	3	3	3	3 \$1.28 /FL. OZ	\$57.60
HERBICIDE:							
SENCOR 75DF	1.33	1.33	1.33	1.33	1.33	1.33 \$20.13 /LB	\$401.59
KARMEX 80DF	2	2	2	2	2	2 \$4.62 /LB	\$138.60
POAST (PINTS/AC)	2	2	2	2	2	2 \$74.04 /GAL	\$277.65
FERTILIZER:							
N	60	75	100	100	100	100 \$0.28 /LB	\$401.80
P	120	100	100	100	100	100 \$0.25 /LB	\$380.00
K	120	150	150	150	150	150 \$0.14/LB	\$310.80
IRRIGATION (\$/yr.)	\$680	\$680	\$680	\$680	\$680	\$520 1.00 /AC	\$8,600
LABOR:							
Planting	50	0	0	0	0	0 \$7.00 /HR	\$350.00
Fert. & Pest-Application	8	8	8	8	8	8	
Harvest	0	40	75	75	75	75	
Management	15	15	15	15		\$7.00 /HR	\$1,365
Yearly Cost	2,576.25	1,122.85	1,519.85	1,479.85	1,519.85	1,327.85	COST PER LB* \$0.16
Accumulated Int. 10%	\$244.74	\$374.67	\$347.74	\$37.25	\$72.19	\$63.07	
Accumulated Cost	\$2,821	\$4,319	\$6,186	\$821	\$1,592	\$1,391	
Returns (\$1/LB)	0	2178	4356	4356	4356	4356	
NET Returns	(\$2,821)	(\$2,141)	\$696	\$3,535	\$2,764	\$2,965	NET Returns/lb** \$0.34

Average Return Per year \$2,112

**The expected income chart is only for comparison of various yields and costs after year 5.

* Calculated by using year 6 costs and returns.

	1	2	3	4	5	15	
YEARLY COSTS	1306.8	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	20	0	0	0	0	0	0
	20	0	0	0	0	0	0
	40	0	40	0	40	8	72
	0	0	0	0	0	0	0
	3.84	3.84	3.84	3.84	3.84	3.84	34.56
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	26.7729	26.7729	26.7729	26.7729	26.7729	26.7729	240.9561
	9.24	9.24	9.24	9.24	9.24	9.24	83.16
	0	0	0	0	0	0	0
	16.8	21	28	28	28	28	252
	30	25	25	25	25	25	225
	16.8	21	21	21	21	21	189
	680	680	680	680	680	520	4680
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	350	0	0	0	0	0	0
	56	56	56	56	56	56	504
	0	280	525	525	525	525	4725
	0	0	105	105	105	105	945
	0	0	0	0	0	0	0
	2576.2529	1122.8529	1519.8529	1479.8529	1519.8529	1327.8529	11950.676
							21497.194