

MANAGEMENT INFORMATION **

EXPECTED INCOME**

	PRICE/BUSHEL		
	\$4.00	\$7.00	\$10.00
	QUANTITY (BUSHEL)		
400	\$1,600	\$2,800	\$4,000
800	\$3,200	\$5,600	\$8,000
1200	\$4,800	\$8,400	\$12,000

Field test this double-row system using 1' in-row between plants. Beds on 5-ft. centers. Center to center, for 17,424 plants/acre: recommended only with irrigation! Double-row needs top management and increased water. Monitor weekly for nitrogen in plants with petiole sap meter; fertigate according to test results.
 Drip irrigation system is recommended. First-acre irrigation cost is \$2,294. Drip irrigation (see budget #41). Consider a short-string trellis to support plants. Volume marketing requires proper precooling (see Table1).

VARIABLE COSTS:	UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS: Rye cover crop	BU	2	\$9.00 /BU	\$18.00 (*)
PLANTS: King Arthur, Boydton Bell, Admiral Paladin (Trial)	PLT	17424	\$0.10 /PLT	\$1,742.40
FERTILIZER: N (50 lb. pre-plant, 80 lb. fertigated)	LB	130	\$0.28 /LB	\$36.40
P	LB	150	\$0.25 /LB	\$37.50
K	LB	150	\$0.14 /LB	\$21.00
LIME	TONS	1	\$20.00 /TON	\$20.00
SPRAY MATERIALS:				
HERBICIDES: DEVRINOL DF	LB	3	\$8.86 /LB	\$26.58
INSECTICIDES: ORTHENE (7)	LB	7	\$11.40 /LB	\$79.80
CROP SUPPLIES: BOXES	BOXES	800	\$1.10 /BOX	\$880.00 (*)
IRRIGATION:	ACRE	\$2,673	20.46%	\$546.82 (*)
MARKETING:				
HAULING, GRADING, & COOLING *	BOXES	800	\$1.20 /BOX	\$960.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)	\$\$	\$112.78	\$1.00	\$112.78
Operating interest (on above costs except *)	\$\$	\$2,076	7.50%	\$155.73 (*)
OPERATING COSTS				\$4,637.02
OUT-OF-POCKET COST PER BOX **				\$5.80
FIXED COST:				
LABOR	HRS	200	\$7.00	\$1,400.00
TOTAL FIXED MACHINE COSTS	\$\$	\$350.18	\$1.00	\$350.18
TOTAL FIXED BUILDING COSTS (DEP., INT., INS., & TAXES)	\$\$	\$0.00	0.00%	\$0.00
LAND CHARGE	\$\$	\$800.00	8.00%	\$64.00
TOTAL COSTS				\$6,451.20
TOTAL COSTS PER BOX **				\$8.06

**Based on 800-box production. Various costs of production are listed on the next page.

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION**			
		PRODUCTION LEVEL PER UNIT			
D-J-F	0				
M-A-MAY 15	7				
MAY 16-31	20				
JUNE 1-15	6	400	800	1200	
JUNE 16-30	0				
JULY 1-15	2				
JULY 16-31	2				
AUGUST 1-15	39				
AUGUST 16-31	57				
SEPT. 1-15	45				
SEPT. 16-30	22				
OCT. - NOV.	0				
TOTAL	200 HOURS				
		OUT-OF-POCKET COSTS	\$9.29	\$5.80	\$4.63
		TOTAL COSTS	\$12.95	\$8.06	\$6.43

**Cost considers changes in harvest labor, box and marketing costs.

MACHINE USED:	OPERATING COSTS			FIXED COSTS	
	Hours Used	Per Hour	Total	Per Hour	Total
40 HP tractor and plow	1	4.47	\$4.47	\$7.74	\$7.74
40 HP tractor and disc	1	4.67	\$2.34	\$13.52	\$6.76
40 HP tractor and harrow	0	3.3	\$0.99	\$6.89	\$2.07
40 HP tractor and fertilizer spreader	0	3.18	\$0.64	\$4.61	\$0.92
40 HP tractor and sprayer	1	4.01	\$4.01	\$10.43	\$10.43
40 HP tractor and transplanter	8	3.53	\$28.24	\$8.97	\$71.76
Pick-up truck	16	3.85	\$61.60	\$8.35	\$133.60
Mist blower	14	0.75	\$10.50	\$8.35	\$116.90
TOTALS	41		\$112.78		\$350.18
			TOTAL MACHINE COSTS		\$462.96