

SWTCORN  
 JAN 2000  
 A-LAND

SWEET CORN

ACRES 1

MANAGEMENT INFORMATION \*\*

EXPECTED INCOME \*\*

	PRICE/DOZEN		
	\$1.25	\$1.75	\$2.25
QUANTITY/DOZEN			
1190	\$1,488	\$2,083	\$2,678
1400	\$1,750	\$2,450	\$3,150
1610	\$2,013	\$2,818	\$3,623

Plant one-third crop every two weeks at 10" x 3' spacing. Leave spray row out after every 6 rows for air sprayer. Ear worm control: tractor-operated air sprayer with row crop heads or high clearance dilute sprayer required! Yield: 1 ear/plant premium price, second ear/plant discount, local sales only. Shipments to large chain buyers, who require SH2 super sweets. Use SE varieties for local markets: have high consumer acceptance. Irrigation system is a solid-set sprinkler system (budget #42). First-acre irrigation cost is \$3,324. Budgets available upon request. Do not seed in cold, wet soils. Isolate SH2 super sweets 200' from other corn. Volume marketing requires proper precooling (see Table 1).

VARIABLE COSTS:		UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS:	Rye cover crop	BU	2	\$9.00/BU	\$18.00 (*)
SEEDS	Argent se, Silver King se, Seneca Starshine se (white) Breeders Choice se, Tender Delight se (yellow) Mystique se (bicolor)	LB	15	\$9.00/LB	\$135.00
FERTILIZER: N		LB	150	\$0.28/LB	\$42.00
P		LB	100	\$0.25/LB	\$25.00
K		LB	100	\$0.14 /LB	\$14.00
LIME		TONS	0.5	\$20.00/TON	\$10.00
SPRAY MATERIALS:					
HERBICIDES	Lorsban 15G	LB	7.0	\$1.99/LB	\$13.93
	Duel	PT	2	\$69.98/GAL	\$17.50
INSECTICIDES	Asana (spray 3 times a week after silk)	OZ	80	\$117.00/GAL	\$73.13
FUNGICIDES					\$0.00
CROP SUPPLIES:	Crates (6 dozen each)	CRATES	350	\$1.35/CRATE	\$472.50 (*)
IRRIGATION:		ACRE	\$3,324	20.46%	\$680.00 (*)
MARKETING:					
HAULING, GRADING, & COOLING *		CRATES	350	\$1.50/CRATE	\$525.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)		\$\$	\$85.05	\$1.00	\$85.05
Operating interest (on above costs except *)		\$\$	\$416	7.50%	\$31.17 (*)
				OPERATING COSTS	\$2,142.27
				OUT-OF-POCKET COST PER DOZEN **	\$1.53
FIXED COST:					
LABOR		HRS	234	\$7.00	\$1,638.00
TOTAL FIXED MACHINE COSTS		\$\$	\$268.12	\$1.00	\$268.12
TOTAL FIXED BUILDING COSTS (DEP., INT., INS.. & TAXES)		\$\$	\$0.00	0.00%	\$0.00
LAND CHARGE		\$\$	\$800.00	8.00%	\$64.00
				TOTAL COSTS	\$4,112.40
				TOTAL COSTS PER DOZEN **	\$2.94

\*\* Based on 1,400-dozen production. Various costs of production are listed on the next page.

SWEET CORN (continued)

SWEET CORN

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION*		
D-J-F	0			
M-A-MAY 15	9	PRODUCTION LEVEL PER UNIT		
MAY 16-31	0			
JUNE 1-15	3	1190	1400	1610
JUNE 16-30	0			
JULY 1-15	0	OUT-OF-POCKET COSTS		
JULY 16-31	0	\$1.67	\$1.53	\$1.42
AUGUST 1-15	206	TOTAL COSTS		
AUGUST 16-31	0	\$3.12	\$2.94	\$2.80
SEPT. 1-15	0	**Cost considers changes in harvest labor, box and marketing costs.		
SEPT. 16-30	0			
OCT. - NOV.	16			
TOTAL		234 HOURS		

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	0.5	\$4.67	\$2.34	\$13.52	\$6.76
40 HP tractor and harrow	0.3	\$3.30	\$0.99	\$6.89	\$2.07
40 HP tractor and fertilizer spreader	0.2	\$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 planter	0.7	\$4.09	\$2.86	\$12.22	\$8.55
Pick-up truck	15	\$3.85	\$57.75	\$8.35	\$125.25
Mist blower	16	\$0.75	\$12.00	\$6.65	\$106.40
TOTALS		34.7	\$85.05		\$268.12
TOTAL MACHINE COSTS					\$353.18