

SWEET POTATOES  
 JAN 2000  
 A-LAND

SWEET POTATOES

ACRES 1

EXPECTED INCOME\*\*

	PRICE/CWT		
	\$5.00	\$7.00	\$9.00
QUANTITY (CWT)			
210	\$1,050	\$1,470	\$1,890
250	\$1,250	\$1,750	\$2,250
290	\$1,450	\$2,030	\$2,610

MANAGEMENT INFORMATION \*\*

Transplants should be purchased from a reliable plant farm offering certified disease-free plants. Plow out and hand harvest before first frost. Use cotton gloves to pick up potatoes to prevent bruising. Crate roots also to reduce bruising. Cure for 10 days at 80 - 85 deg. F and 80% relative humidity. An empty greenhouse or tobacco barn is an ideal curing house. Irrigation system is a solid-set sprinkler system (budget #42). First-acre irrigation cost is \$3,324. Budgets available upon request.

VARIABLE COSTS:		UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS:	Rye cover crop	BU	2	\$9.00/BU	\$18.00 (*)
PLANTS	Baker - Centennial Goldmar, Jewel	PLT	15000	\$0.02/PLT	300.00
FERTILIZER: N		LB	50	\$0.28 /LB	\$14.00
P		LB	100	\$0.25/LB	\$25.00
K		LB	150	\$0.14 /LB	\$21.00
LIME		TONS	0.5	\$20.00/TON	\$10.00
SPRAY MATERIALS:					
HERBICIDES	Command 4EC PPI (CAUTION: AVOID DRIFT )	PT	1.5	\$72.80/GAL	\$13.65
INSECTICIDES	Lorsban 15G	LB	13.5	\$1.99/LB	\$26.87
FUNGICIDES					
CROP SUPPLIES:	Bushel baskets (with soft bottom and lid)	BSKT	250	\$1.45/BSKT	\$362.50 (*)
IRRIGATION:		ACRE	\$3,324	20.46%	\$680.00 (*)
MARKETING:					
HAULING *		BSKT	250	\$0.50/BSKT	\$125.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)		\$\$	\$74.59	\$1.00	\$74.59
Operating interest (on above costs except *)		\$\$	\$485	7.50%	\$36.38 (*)
				OPERATING COSTS	\$1,706.99
				OUT-OF-POCKET COST PER BASKET **	\$6.83
FIXED COST:					
LABOR		HRS	190	\$7.00	\$1,330.00
TOTAL FIXED MACHINE COSTS		\$\$	\$209.47	\$1.00	\$209.47
TOTAL FIXED BUILDING COSTS (DEP., INT., INS., & TAXES)		\$\$	\$0.00	0.00%	\$0.00
LAND CHARGE		\$\$	\$800.00	8.00%	\$64.00
				TOTAL COSTS	\$3,310.46
				TOTAL COSTS PER BASKET **	\$13.24

\*\* Based on 250-cwt production. Various costs of production are listed on the next page.

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION**		
D-J-F	0			
M-A-MAY 15	39	PRODUCTION LEVEL PER UNIT		
MAY 16-31	2	-----		
JUNE 1-15	2	210	250	290
JUNE 16-30	2			
JULY 1-15	2	OUT-OF-POCKET COSTS		
JULY 16-31	0	\$7.76	\$6.83	\$6.16
AUGUST 1-15	0	-----		
AUGUST 16-31	0	TOTAL COSTS		
SEPT. 1-15	0	\$14.13	\$13.24	\$12.60
SEPT. 16-30	125			
OCT. - NOV.	18			
TOTAL				
	190 HOURS			

\*\*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	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 transplanter	5	\$3.53	\$17.65	\$8.97	\$44.85
Pick-up truck	10	\$3.85	\$38.50	\$8.35	\$83.50
Mist blower	8	\$0.75	\$6.00	\$6.65	\$53.20
TOTALS		26	\$74.59		
					TOTAL MACHINE COSTS
					\$284.06