

YELLSQUASH
 JAN 2000
 A-LAND

YELLOW SUMMER SQUASH

Acres 1

EXPECTED INCOME **				MANAGEMENT INFORMATION **	
	\$4.00	PRICE/BOX \$8.00	\$12.00		
QUANTITY (5/9's BOX)				Plant on a 2' x 6' spacing. Fertilizer: broadcast 50-100-150; sidedress 50-0-50. Requires hand harvest daily! One bee hive per acre near squash necessary for consistent yields. Most southern markets prefer a crookneck variety. Alternate fungicides between Quadris, Flint, and Ridomil-Bravo. Irrigation system is drip irrigation. First-acre irrigation cost is \$2,294. Budgets available upon request. Volume marketing requires proper precooling (see Table 1).	
300	\$1,200	\$2,400	\$3,600		
600	\$2,400	\$4,800	\$7,200		
900	\$3,600	\$7,200	\$10,800		
VARIABLE COSTS:		UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS:	Rye cover crop	BU	2	\$9.00/BU	\$18.00 (*)
SEEDS	Multi-Pik -F1 Straight Neck (crookneck varieties) Seneca Supreme, Sundance Prelude, Freedom	LB	3	\$12.80/LB	\$38.40
FERTILIZER: N		LB	100	\$0.28/LB	\$28.00
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	OZ	6	\$72.80/GAL	\$3.41
INSECTICIDES:	Thiodan 50WP (3)	LB	1.5	\$7.20/LB	\$10.80
	Asana	OZ	21	\$117.00/GAL	\$19.20
FUNGICIDES:	Ridomil/Bravo 81WP	LBS	8	\$16.56/LB	\$132.48
	Quadris	OZ	24	\$331.00/GAL	\$62.06
	Flint				
CROP SUPPLIES:	Boxes (5/9's box)	BOXES	600	\$1.35/BOX	\$810.00 (*)
	Plastic mulch (4' x 2000')	ROLL	4	\$70.00/ROLL	\$280.00
IRRIGATION:		ACRE	\$2,294	26.32%	\$603.74 (*)
MARKETING:					
HAULING AND GRADING *		BOXES	600	\$1.20/BOX	\$720.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)		\$\$	\$101.48	\$1.00	\$101.48
Operating interest (on above costs except *)		\$\$	\$732	7.50%	\$54.89 (*)
OPERATING COSTS					\$2,938.46
OUT-OF-POCKET COST PER BOX **					\$4.90
FIXED COST:					
LABOR		HRS	355	\$7.00	\$2,485.00
TOTAL FIXED MACHINE COSTS		\$\$	\$263.28	\$1.00	\$263.28
TOTAL FIXED BUILDING COSTS (DEP., INT., INS., & TAXES)		\$\$	\$0.00	0.00%	\$0.00
LAND CHARGE		\$\$	\$800.00	8.00%	\$64.00
TOTAL COSTS					\$5,750.74
TOTAL COSTS PER BOX **					\$9.58

** Based on 600-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			
		300	600	900	
D-J-F	0				
M-A-MAY 15	7				
MAY 16-31	30				
JUNE 1-15	0				
JUNE 16-30	0				
JULY 1-15	50				
JULY 16-31	100				
AUGUST 1-15	100				
AUGUST 16-31	50				
SEPT. 1-15	0				
SEPT. 16-30	0				
OCT. - NOV.	18				
TOTAL	355 HOURS				
		OUT-OF-POCKET COSTS	\$7.24	\$4.90	\$4.11
		TOTAL COSTS	\$12.48	\$9.58	\$8.62

** 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 plastic mulch layer	4	\$3.81	\$15.24	\$11.29	\$45.16
Pick-up truck	18	\$3.85	\$69.30	\$8.35	\$150.30
Mist blower	6	\$0.75	\$4.50	\$6.65	\$39.90
TOTALS	31		\$101.48		\$263.28
				TOTAL MACHINE COSTS	\$364.76