

PUMPKIN
 JAN 2000
 A-LAND

HALLOWEEN PUMPKINS

Acres 1

EXPECTED INCOME**

	PRICE/PUMPKIN		
	\$1.50	\$2.00	\$2.50
QUANTITY (PUMPKIN) 15-20 lbs. each			
1900	\$2,850	\$3,800	\$4,750
2000	\$3,000	\$4,000	\$5,000
2100	\$3,150	\$4,200	\$5,250

Spookie 4# size - \$.50 each

MANAGEMENT INFORMATION **

Locate a market before you plant! 4' x 8' spacing (consider 3' x 7' spacing). Plant on fertile vetch/smallgrain cover. Rotate fields to reduce diseases and insect damage to vines and fruits. For trial: twin rows (2) 4' apart, 32' in-row between plants, twin rows on 12' centers. Serious pumpkin production recommended only with irrigation. Apply fungicides weekly as a protectant. Establish spray lanes early so tractor wheels will prune vines. Smallgrain or with vetch or a well-clipped unused pasture or sod land, suitable for no-till. No-till corn planter with pumpkin seed plate. Sprinkler irrigation 1/2 inch or rainfall needed to activate command with curbit applied after seeding. Drip irrigation system. First-acre irrigation cost: \$2,294. Varieties: Jack Be Little, baseball size; Spookie, softball size; Mystic, Youngs Beauty, volleyball size. Howden, Gold Rush (Merlin and Magic Lantern powdery mildew resistant), basketball size; prizewinner F1, monstrous beach ball size. Seed June 1-5. If in North, West, or Southwest, start prizewinner in greenhouse. Need 130 frost-free days for prizewinner.

VARIABLE COSTS:	UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS: Rye cover crop		2	\$9.00 /BU	\$18.00 (*)
SEEDS (SEE MANAGEMENT INFORMATION)		2	\$40.00 /LB	\$80.00
FERTILIZER: N	LB	100	\$0.28 /LB	\$28.00
P	LB	100	\$0.24 /LB	\$24.00
K	LB	150	\$0.14 /LB	\$21.00
LIME	TONS	0.5	\$20.00 /TON	\$10.00
SPRAY MATERIALS:				
HERBICIDES: COMMAND 4EC	OZ	7	\$1.01 /FL OZ	\$7.07
(CAUTION: AVOID DRIFT)				
INSECTICIDES: THIODAN 50WP	LB	1.5	\$7.20 /LB	\$10.80
FUNGICIDES:				
BRAVO (4) RIDOMIL/BRAVO 81WP	LBS	8.00	\$16.56 /LB	\$132.48
QUDRIS	OZ	14	\$331.00 /GAL	\$36.20
FLINT	OZ	2		
CROP SUPPLIES:				
BINS	EA.	60	\$8.65 /EA	\$519.00
IRRIGATION:	ACRE	\$2,294	20.46%	\$469.29 (*)
MARKETING:				
HAULING AND GRADING*	LOADS	6	\$75.00 /LD	\$450.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)	\$\$	\$101.00	\$1.00	\$101.00
Operating interest (on above costs except *)	\$\$	\$970	7.50%	\$72.72 (*)
			OPERATING COSTS	\$1,979.56
			OUT-OF-POCKET COST PER PUMPKIN	\$0.99
FIXED COST:				
LABOR	HRS	82	\$7.00	\$574.00
TOTAL FIXED MACHINE COSTS	\$\$	\$379.25	\$1.00	\$379.25
TOTAL FIXED BUILDING COSTS	\$\$	\$0.00	0.00%	\$0.00
(DEP., INT., INS., & TAXES)				
LAND CHARGE	\$\$	\$800.00	8.00%	\$64.00
			TOTAL COSTS	\$2,996.81
			TOTAL COSTS PER PUMPKIN **	\$1.50

** Based on 2000-pumpkin production. Various costs of production are listed on the next page.

PUMPKIN (continued)

PUMPKINS

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION**		
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		PRODUCTION LEVEL PER UNIT		
		1900	2000	2100
D-J-F	0			
M-A-MAY 15	7			
MAY 16-31	16			
JUNE 1-15	0			
JUNE 16-30	5			
JULY 1-15	5			
JULY 16-31	5			
AUGUST 1-15	5			
AUGUST 16-31	3			
SEPT. 1-15	4			
SEPT. 16-30	24			
OCT. - NOV.	8			
TOTAL	82 HOURS			

OUT-OF-POCKET COSTS	\$1.00	\$0.99	\$0.98
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TOTAL COSTS	\$1.49	\$1.50	\$1.50
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**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 cultivator	1	\$3.12	\$3.12		\$4.45	\$4.45
Mist blower	16	\$0.75	\$12.00		\$6.65	\$106.40
40 HP tractor and wagon or trailer	24	\$3.06	\$73.44		\$10.02	\$240.48
TOTALS	44		\$101.00			\$379.25
					TOTAL MACHINE COSTS	\$480.25