

SPUDS
JAN 2000
A-LAND

IRISH POTATOES
FRESH MARKET

Acres 1

MANAGEMENT INFORMATION **

	EXPECTED INCOME **		
	\$6.00	\$8.00	\$10.00
QUANTITY (CWT)			
170	\$1,020	\$1,360	\$1,700
200	\$1,200	\$1,600	\$2,000
230	\$1,380	\$1,840	\$2,300

Soil fertility: very high levels of potash required.
Fertilizer: sidedress one-third; band two-thirds. Do not broadcast. Budget assumes hand harvest! To enhance early harvest, use potato vine killer. To increase total yields, quality, and early harvest, plant 4/1 - 4/25. Irrigation system is a solid-set sprinkler system. 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 (*)
SEEDS	Kennebec	LB	1800	\$0.11 /LB	\$198.00
	Superior (eastern VA only)				
FERTILIZER: N		LB	100	\$0.28 /LB	\$28.00
	P	LB	200	\$0.24 /LB	\$48.00
	K	LB	200	\$0.14 /LB	\$28.00
LIME		TONS	0.5	\$20.00 /TON	\$10.00
SPRAY MATERIALS:					
HERBICIDES:	SENCOR DF	LB	0.6	\$28.99 /LB	\$17.39
INSECTICIDES:	Pounce, Ambush, or Asana (4)	GAL	0.25	\$147.95 /GAL	\$36.99
	DI-SYSTON 15G	LB	17	\$1.89 /LB	\$32.13
	ADMIRE	FL OZ	1.3	\$77.00/PT	\$6.26
	Bt laternate for CPB				
FUNGICIDES:	BRAVO 720	GAL	1	\$66.38 /GAL	\$66.38
	CAPTAN 7.5% DUST	LB	18	\$0.95 /LB	\$17.10
CROP SUPPLIES:	BOXES	BOXES	200	\$1.25 /BOX	\$250.00 (*)
IRRIGATION:		ACRE	\$3,324	20.46%	\$680.00 (*)
MARKETING:					
HAULING AND GRADING *		BOXES	200	\$1.50 /BOX	\$300.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)		\$\$	\$68.54	\$1.00	\$68.54
Operating interest (on above costs except *)		\$\$	\$557	7.50%	\$41.76 (*)
			OPERATING COSTS		\$1,846.55
			OUT-OF-POCKET COST PER BOX		\$9.23
FIXED COST:					
LABOR		HRS	149	\$5.00	\$745.00
TOTAL FIXED MACHINE COSTS		\$\$	\$187.24	\$1.00	\$187.24
TOTAL FIXED BUILDING COSTS (DEP., INT., INS., & TAXES)		\$\$	\$0.00	0.00%	\$0.00
LAND CHARGE		\$\$	\$800.00	8.00%	\$64.00
			TOTAL COSTS		\$2,842.79
			TOTAL COSTS PER BOX **		\$14.21

** Based on 200-box production . Various costs of production are listed on the next page.

SPUDS (continued)

IRISH POTATOES
Fresh Market

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION**			
		PRODUCTION LEVEL PER UNIT			
D-J-F	0				
M-A-MAY 15	39				
MAY 16-31	2				
JUNE 1-15	2	170	200	230	
JUNE 16-30	2			-	
JULY 1-15	2	OUT-OF-POCKET COSTS	\$10.38	\$9.23	\$8.39
JULY 16-31	0				
AUGUST 1-15	0	TOTAL COSTS	\$15.58	\$14.21	\$13.20
AUGUST 16-31	0				
SEPT. 1-15	100	**Cost considers changes in harvest labor, box and marketing costs.			
SEPT. 16-30	0				
OCT. - NOV.	2				
TOTAL	149 HOURS				

MACHINE USED:	OPERATING COSTS			FIXED COSTS	
	Hours Used	Per Hour	Total	Per Hour	Total
40 HP tractor and plow	2	\$4.47	\$8.94	\$7.74	\$15.48
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	2	\$4.01	\$8.02	\$10.43	\$20.86
40 HP tractor and cultivator	1	\$3.12	\$3.12	\$4.45	\$4.45
Pick-up truck	10	\$3.85	\$38.50	\$8.35	\$83.50
Mist blower	8	\$0.75	\$6.00	\$6.65	\$53.20
TOTALS	24		\$68.54		\$187.24
			TOTAL MACHINE COSTS		\$255.78