

YUKON
 JAN 2000
 A-LAND

YUKON GOLD POTATOES
 FRESH MARKET

Acres 1

MANAGEMENT INFORMATION **

	EXPECTED INCOME **		
	WHOLESALE PRICE (5-LB BAGS)		
	\$0.75	\$1.00	\$1.25
QUANTITY (5# BAGS)			
4320	\$3,240	\$4,320	\$5,400
5400	\$4,050	\$5,400	\$6,750
6480	\$4,860	\$6,480	\$8,100

Soil fertility: very high levels of potash required. High level of phosphate. Fertilizer: band fertilize both sides of the row, 2 x 2. Do not broadcast. Budget assumes hand harvest! May be machine dug; do not bruise! To enhance early harvest, use potato vine killer at maturity. 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. Cabbage growers may have irrigation systems. Budgets available on request. Hollow heart can be a problem. Trial 800 lbs/acre agr. gypsum in furrow at planting; not harmful to seed pieces. 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	Yukon Gold	LB	2700	\$0.18/LB	\$486.00
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
	Gypsum	LB	800	\$40.00/TON	\$16.00
SPRAY MATERIALS:					
HERBICIDES:	Sencor DF	LB	0.6	\$20.13/LB	\$12.08
INSECTICIDES:	Asana	OZ	80	\$117.00/GAL	\$73.13
	Di-Syston 15G	LB	17	\$2.06/LB	\$35.02
	Admire for CPB	FL OZ	1.3	77/PT	\$6.26
FUNGICIDES:	Bravo 720	GAL	1	\$59.11/GAL	\$59.11
	Captan 7.5% dust	LB	18	\$0.95/LB	\$17.10
CROP SUPPLIES	Washing and bagging (at regional market facility)	BAGS	5400	\$0.25/BAG	\$1,350.00 (*)
IRRIGATION:		ACRE	\$2,294	20.46%	\$469.29 (*)
MARKETING:					
	HAULING AND FIELD BINS OR SACKS	SACKS	270	\$0.50/SACK	\$135.00 (*)
	MARKETING ASSESSMENT (machine cost)	BAG	5400	\$0.10/BAG	\$540.00
	MACHINERY & EQUIP. (Fuel, oil, repairs)	\$\$	\$68.54	\$1.00	\$68.54
	Operating interest (on above costs except *)	\$\$	\$887	7.50%	\$66.54 (*)
				OPERATING COSTS	\$3,466.06
				OUT-OF-POCKET COST PER BAG**	\$0.64
FIXED COST:					
LABOR		HRS	149	\$7.00	\$1,043.00
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	\$4,760.30
				TOTAL COSTS PER BAG**	\$0.88

** Based on 5,400-bag production. Various costs of production are listed on the next page.

SPUDS (continued)

YUKON GOLD POTATOES

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	4320	5400	6480	
JUNE 16-30	2				
JULY 1-15	2				
JULY 16-31	0				
AUGUST 1-15	0				
AUGUST 16-31	0				
SEPT. 1-15	100	OUT-OF-POCKET COSTS	\$0.71	\$0.64	\$0.59
SEPT. 16-30	0				
OCT. - NOV.	2				
TOTAL	149 HOURS	TOTAL COSTS	\$0.98	\$0.88	\$0.82

** Cost considers changes in harvest labor, bag and marketing costs.

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