

A-LAND

MANAGEMENT INFORMATION \*\*

EXPECTED INCOME\*\*

	PRICE/CRATE		
	\$3.00	\$6.00	\$9.00
QUANTITY (BOXES)			
600	\$1,800	\$3,600	\$5,400
800	\$2,400	\$4,800	\$7,200
1000	\$3,000	\$6,000	\$9,000

Successful on many commercial test acres annually in Carroll Co., VA. For disease control, rotate land into cabbage once every 4 years. Trial planting of 2 rows of collards at field edge, including hand planting 2-3 collard plants at both ends of rows as trap crop for diamond-back larva and moths. Harvest July 4th to Oct. 30th. Market in crates (if using bags, reduce price). Average crate weight: 50#. Average head weight: 2.5# Average heads per crate: 19 to 21. Volume marketing requires proper precooling (see Table 1). Irrigation system is recommended. First-acre irrigation cost is \$2294. Budgets available upon request.

VARIABLE COSTS:	UNITS	QUANTITY	PRICE	COSTS
SEEDING COSTS: Rye cover crop	BU	2	\$9.00 /BU	\$18.00 (*)
PLANTS GOURMET	PLT	29000	\$0.01 /PLT	\$290.00
				RIO VERDE
				DYNASTY SERIES (GREEN, RED, SAVOY)
FERTILIZER: N	LB	200	\$0.28 /LB	\$56.00
P	LB	300	\$0.25 /LB	\$75.00
K	LB	300	\$0.14 /LB	\$42.00
LIME	TONS	0.5	\$20.00 /TON	\$10.00
SPRAY MATERIALS:				
HERBICIDES: GOAL	PT	2	\$96.31 /GAL	\$24.08
DEVRINOL DF	LB	3.5	\$8.69 /LB	\$30.42
ROUNDUP	QT	2	\$41.69 /GAL	\$20.85
INSECTICIDES: Asana (8 sprayings)	OZ	64	\$123.90 /GAL	\$61.95
Deadline (slug-control granules)	LB	30	\$1.73 /LB	\$51.90
DISYSTON 15G	LB	10	\$2.06 /LB	\$20.60
FUNGICIDE: BRAVO 720 (2)	QT	1.50	\$59.11/GAL	\$11.08
CROP SUPPLIES: CRATES	CRATES	800	\$1.35 /CRATE	\$1,080.00 (*)
IRRIGATION:	ACRE	\$2,294	20.46%	\$469.29 (*)
MARKETING:				
HAULING AND GRADING *	CRATES	800	\$0.60 /CRATE	\$480.00 (*)
MACHINERY & EQUIP. (Fuel, oil, repairs)	\$\$	\$106.09	\$1.00	\$106.09
Operating interest (on above costs except *)	\$\$	\$800	7.50%	\$60.00 (*)
				OPERATING COSTS
				\$2,907.24
				OUT-OF-POCKET COST PER CRATE **
				\$3.63
FIXED COST:				
LABOR	HRS	278	\$7.00	\$1,946.00
TOTAL FIXED MACHINE COSTS	\$\$	\$184.39	\$1.00	\$184.39
TOTAL FIXED BUILDING COSTS	\$\$	\$0.00	0.00%	\$0.00
(DEP., INT., INS., & TAXES)				
LAND CHARGE	\$\$	\$800.00	8.00%	\$64.00
				TOTAL COSTS
				\$5,101.63
				TOTAL COSTS PER CRATE **
				\$6.38

\*\* Based on 800-crate production. Various costs of production are listed on the next page.

NO-TILL FRESH MARKET CABBAGE

LABOR REQUIRED	HOURS/SEASON	EXPECTED COSTS AT VARIOUS LEVELS OF PRODUCTION**			
		PRODUCTION LEVEL PER UNIT			
D-J-F	0				
M-A-MAY 15	37				
MAY 16-31	43				
JUNE 1-15	43	600	800	1000	
JUNE 16-30	6				
JULY 1-15	23	OUT-OF-POCKET COSTS	\$4.20	\$3.63	\$3.30
JULY 16-31	23				
AUGUST 1-15	23	TOTAL COSTS	\$7.04	\$6.38	\$5.98
AUGUST 16-31	29				
SEPT. 1-15	23	**Cost considers changes in harvest labor, box and marketing costs.			
SEPT. 16-30	23				
OCT. - NOV.	5				
TOTAL	278 HOURS				

MACHINE USED:	OPERATING COSTS			FIXED COSTS	
	Hours Used	Per Hour	Total	Per Hour	Total
60 HP tractor and no-till transplanter	0.3	\$12.45	\$3.74	\$13.90	\$4.17
40 HP tractor and herbicide wick applicator	3	\$4.49	\$13.47	\$12.22	\$36.66
40 HP tractor and wagon	8	\$3.06	\$24.48	\$4.52	\$36.16
Pickup truck	20	\$3.22	\$64.40	\$5.37	\$107.40
TOTALS	31.3		\$106.09		\$184.39
				TOTAL MACHINE COSTS	\$290.48