FRUIT AND VEGETABLE CROPS

COSTS AND RETURNS

FROM

FARM COST ACCOUNTS

27 FARMS-1978

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REPORTS from FARM COST ACCOUNTS

27 Farms, 1978

Enterprise data from the 1978 New York Farm Cost Account Project have been published in the following reports. Additional copies may be obtained from County Extension offices or directly from the Department of Agricultural Economics, Cornell University, Ithaca, New York 14853.

Overhead Costs	A.E. Res.	79-21
Livestock Costs and Returns	A.E. Res.	79-22
Field Crops Costs and Returns	A.E. Res.	79-23
Fruit and Vegetable Crops Costs and Returns	A.E. Res.	79-24

FRUIT AND VEGETABLE CROPS COSTS AND RETURNS, A.E. Res. 79-24

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INTRODUCTION

The New York Farm Cost Account Project is a research project which is a part of the Cornell Agricultural Management Information System (CAMIS). Since 1914 data have been published from detailed enterprise records kept by New York farmers in cooperation with the Department of Agricultural Economics at Cornell University. These publications provide College and field staff as well as farmers and others interested in agriculture with a continuous record of economic changes taking place on New York farms.

The farms are located in most of the farming areas of the State. They are generally well-managed, full-time, commercial farm businesses. They are representative of the "better" farms in New York.

The reports present the results for individual enterprises and the averages of the enterprise costs and returns for all farms. They show not only the averages of costs and returns but also indications of the variations and reasons for them. The factors for individual enterprises are arranged according to size of enterprise. The annual averages of the various factors are not averages of average costs but are weighted by the size of the enterprise.

Acknowledgements

The project was under the supervision of Darwin Snyder, who also did the field work necessary to complete the records. Editing and processing the data, closing the books, and the preparation of these reports was done by Barbara Wilcox and Florence Blodgett assisted by Oneta Shipe. Mary Chaffee typed and assembled the reports and assisted in processing the data.

The material on page 4 of this report was taken from A.E. Res. 79-6, Dairy Farm Management, Business Summary, New York, 1978 by C. A. Bratton.

Special acknowledgement is due the group of farmers who are willing to keep the detailed records so essential to such a system of enterprise cost accounting. Without their continuing efforts and willingness to provide this information, this important and accurate source of real farm data would not exist.

FRUIT

COMMERCIAL FRUIT UTILIZED PRODUCTION New York and United States

		New Yo	ork			United	States	
Fruit	Average 1969-73	1976	1977	1978	Average 1969-73	1976	1977	1978
			•	thouse	and tons			
Apples	422	410	450	540	3,116	3,234	3,322	3,791
Grapes	141	174	101	188	3,555	4,093	4,296	4,318
Tart Cherries	16	7	6	9	131	73	105	91
Pears	16	8	16	19	668	821	785	727
Peaches	9	5	7	8	1,455	1,321	1,426	1,281
Sweet Cherries	5	2	2	λţ	129	168	147	155

Source: Non-Citrus Fruits and Nuts, 1978 Annual Summary; Midyear Supplement; Fr Nt 1-3(79); CRB, ESCS, USDA.

The 1978 apple crop in New York broke all production records for the State. Total utilized production was 20 percent over 1977 and 30 percent over 1976. National production was also at a record level. Grape production was the largest in recent years for both the State and nation-wide. Peach and pear production increased over 1977 for the State but were somewhat lower for the U.S. Although cherry production remained below average for the State, both tart and sweet cherry production was considerably higher than for 1976 and 1977. Nationally, we had a normal sweet cherry crop and a well below normal tart cherry crop.

AVERAGE FARM PRICES OF FRUITS New York and United States

		New 1	York		J	Jnited S	States	
	Average				Average			
Fruit	1969-73	1976	1977	1978	1969-73	1976	1977	1978
			-	- dollars	s per ton			1
Apples:						-		
Fresh	180	256	274	270	154	230	274	276
Processed	65	104	104	103	63	108	122	117
All sales	105	158	172	170	115	182	210	206
Grapes	174	181	234	245	117	155	194	231
Tart Cherries	204	492	590	858	209	502	588	876
Pears	131	191	183	205	120	124	146	219
Peaches	214	340	350	370	133	192	198	242
Sweet Cherries	271	394	552	543	352	384	496	694

Source: Non-Citrus Fruits and Nuts, 1978 Annual Summary; Midyear Supplement; Fr Nt 1-3(79); CRB, ESCS, USDA.

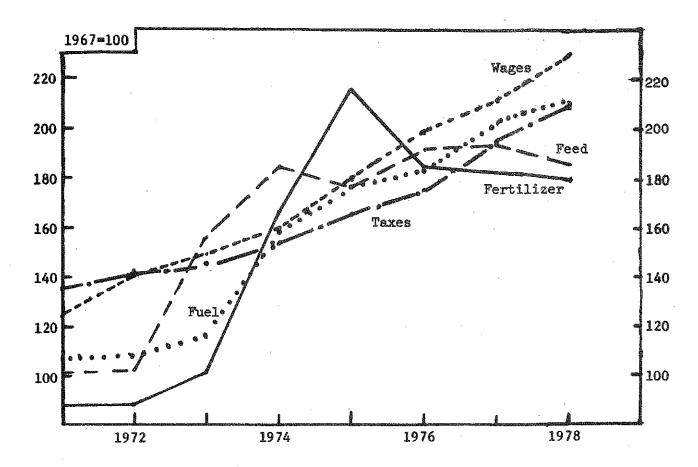
Apple prices were quite similar to 1977 levels for both fresh and processing grades. This was true for both New York and the U.S. Prices for grapes, peaches and pears strengthened over the levels experienced in recent years. For New York, sweet cherry prices remained at about 1977 levels but strengthened considerably for the national average. After three years of low production nationally, tart cherry prices reached record levels with an increase of 45 percent in the unit price for the New York crop.

VEGETABLES FOR PROCESSING AND FRESH MARKET Acreage, Yield and Value per Unit New York

Crop	1978 % of U.S. Total Production	Acres 1976	s Harvested	1978	Yield 1976	per 1977	<u>Acre</u> 1978	Valı 1976	Value per U	Unit 1978
	po/	- 1,	1,000 acres	1 55		tons -			\$/ton -	
Processing vegetables:										
Beans, snap	15	143	43	51	1.7	2.2	2.1	138	149	149
Beets	33	7.4	3.6	2.0	12	1,4	17	35	35	39
Cabbage, kraut	38	3.9	4.1	7.0	21	55	21	31	30	30
Sweet corn	†	21	17	20	3.9	5.7	6.4	54	91	42
Peas	αı	1.1	5.2	5.6	7.1	1.4	1.4	265	248	252
Fresh market vegetables:		- 1,000	000 acres	i m	•	- Cart		1	\$/cvt -	
Beans, snap	6	7.1	7.4	6.0	33	36	07	22.30	22.40	25.90
Cabbage* - Summer	20	3.7	8° 8°	3.5	355	380	390	2.94	3.05	4.22
- Fall	43	9.1	4.6	8.8	335	385	410	9.20	5.69	8.32
Carrots*	ന	7.8	1°9	1.9	350	310	300	7.60	13.10	7.58
Cauliflower* - Summer	mer 7	7.1	1.2	1.2	42	77	65	22.10	23.90	21.00
- Fall	1 13	1.7	1.8	2.0	115	125	100	16.70	19.60	17.10
Celery*	2	0.9	9.0	1.0	340	420	420	भ ^भ .8	8.47	15.70
Cucumbers	**	2,2	2.2	2.5	115	115	105	11.30	10.70	11.40
Lettuce	r-I	2.8	3,3	3.5	180	200	190	11.80	8.71	9.95
Onions*	12	13.7	13.3	13.9	265	305	310	10.60	7.81	7.85
Sweet corn	10	21	21	77	65	77	63	7.54	6.12	69.9
Tomatoes		2.7	3.0	3.0	115	93	110	18.70	21.20	20.20
Source: Vegetables, 1978 Annual Summary, (1978 Annual Summary, both fresh market and	CRB, ESCS, I processing	s, USDA. ing crops	ů						VEGETABLES

Source: Vegetables, 1978 Annual Summary, CRB, ESCS, USDA.

^{*} Includes data for both fresh market and processing crops.



Since 1972, all prices paid by New York dairy farmers have risen but some more than others. Fertilizer and motor fuel prices jumped sharply in 1974 and 1975, then fertilizer dropped in 1976. Feed and fertilizer have held relatively steady since 1976, while wages, fuel, and taxes have continued to rise. Fuel, wages and taxes have more than doubled since 1967 (table 3).

Table 3. PRICES PAID BY FARMERS FOR SELECTED ITEMS, 1972-1978

		Inde	x 1967=100		
Year	Feed	Fertilizer	Fuel	Wages	Taxes
1972	112	94	108	140	142
1973	157	102	116	150	146
1974	185	167	159	160	154
1975	177	217	177	180	166
1976	192	185	187	199	176
1977	194	182	203	212	195
1978	186	180	211	229	210
Percent increase:					
1972 to 1978 (av.)	11%	15%	16%	11%	8%
1976 to 1977	1%	-2%	9%	7%	11%
1977 to 1978	-4%	-1%	4%	8%	8%

SOURCE: U.S.D.A. - Agricultural Prices.

Table 1. TEMPERATURE, PRECIPITATION AND GROWING SEASON Selected Stations, 1941-70 and 1978

	Avera tempera May - S	ture	May - S	Precipi	tation Total An	กเลใ	Length growi	ng
	1941-70	e-registromentalisment	1941-70	1978	1941-70	1978	1947-67	1415-11-11-11-11-11-11-11-11-11-11-11-11-1
	degre	es			hes		day	ទ
Albany	65.7	63.5	15.4	15.5	33.4	33.5	व्यक्ष्मक कंठ	145
Alfred	61.8	61.3	17.2	15.4	36.7	35.7	125	145
Aurora	64.6	63.7	13.8	16.7	70.0	35.0	160	166
Batavia	64.1	65.3	15.3	13.9	32.6	30.3	154	158
Binghamton	63.3	63.7	17.9	14.7	37.4	34.3	154	161
Canton	63.0	62.0	16.5	14.0	34.5	31.7	127	129
Glens Falls	fine and early feeth	63.6	17.8	22.3	39.3	44.0	an am an	129
Ithaca	63.8	62.4	17.2	13.1	34.8	32.0	145	145
Lowville	62.5	62.6	16.5	14.3	38.5	38.7	123	129
Utica	63.5	64.7	18.1	16.4	40.6	36.9	157	145

^{*} Days between the last temperature of 32 degrees in the spring and the first in the fall.

Source: Climatological Data, NOAA, Environmental Data Service, Annual Summary, New York, 1978, Vol. 90, No. 13.

Weather is a factor to be considered when studying a farm business for a specific year. The growing conditions have a marked effect on the crops for that year. It is for this reason that data are presented on the growing conditions for 1978 and for the period 1941-70.

Average temperatures during the May through September growing season were about normal in 1978. Most weather stations indicated a longer than normal growing season. Rainfall for the growing season tended to be below normal in most areas especially during the first half or planting season. More normal rainfall well dispersed throughout the fall along with an abnormally long season resulted in as ideal a harvesting season in 1978 as one could special order.

Data are presented for ten weather stations. Rainfall is reported by months for the growing season (Table 2).

Table 2. GROWING SEASON RAINFALL Selected Stations, 1941-70 and 1978

	Ma	ау	Jur	ne	Ju	Lу	Augr	ist	Septe	ember
Station	1941-7	1978	1941-70	1978	1941-70	1978	1941-70	1978	1941-70	1978
7					incl	nes				
Albany	3.32	1.96	3.00	4.60	3.12	4.04	2.87	3.06	3.12	1.87
Alfred	3.76	3.81	3.76	2.34	3.73	2.83	3.00	3.85	2.93	2.52
Aurora	2.98	2.18	2.54	4.41	3.03	1.85	2.81	4.68	2.46	3.55
Batavia	3.17	2.67	2.69	1.84	3.05	2.23	3.50	2.57	2.87	4.62
Binghamton	3.83	2.55	3.59	3.85	3.83	2.54	3.61	4.61	3.02	1.16
Canton	3.37	1.88	2.91	2.97	3.43	1.73	3.47	5.11	3.31	2.28
Glens Falls	3.63	2.57	3.77	7.60	3.68	4.92	3.42	4.39	3.31	2.79
Ithaca	3,55	1.91	3.40	2.64	3.67	2.33	3.49	4.25	3.08	1.94
Lowville	3.42	2.27	2.94	2.55	3.26	2.27	3.58	2.94	3.31	4.23
Utica Ca	3.52	1.86	3.55	4.59	4.17	3.16	3.54	2.22	3.32	4.61

Source: Climatological Data, NOAA, Environmental Data Service, Annual Summary, New York, 1978, Vol. 90, No. 13.

YIELDS	FOR	CROPS	AND	LIVESTO	CK
New York State	and	Farm	Cost	Account	Averages

			New York	State*		Cost Account
<u>Item</u>	Unit	1957-61	1967-71	1977	1978	1978
Hay	tons	1.9	2.2	2.0	2.1	2,2
Corn silage	tons	11	14	13.0	13.0	12.3
Corn grain	bu.	57	85	80	79	92
Oats	bu.	52	60	53	59	66
Wheat	bu.	32	39	39	35	30
Milk per cow	lbs.	7,914	10,361	11,190	11,360	15,051

*Source: Crop Production, 1978 Annual Summary; Crop Reporting Board, U.S.D.A.

NY Economic Handbook, 1979; Department of Agricultural Economics, Cornell
University, Ithaca, N.Y.; A.E. Ext. 78-37, December 1978.

FARM COST ACCOUNT SUMMARY, 1978

Crop Enterprises

	Number	Averag acres	='	Hours of	Retur	n per		Profit
	of	per	Yield	labor	Hour	Dollar	Profit	on
	enter-	enter-	- per	per	of	of	per	enter-
Crop	prises	prise	acre	acre*	labor	cost	acre	prise
•					\$	\$ +	\$	\$
Forage:								
Hay	19	76	222 tn	5	3.31	0.94	- 8	-569
Hay crop silage	17	137	4.9 tn	14	-2.52	0.79	-31	-4,290
Corn silage	20	123	12.3 tn	5	4.46	0.98	- 5	-566
Grain:							*	
Corn for grain	8	153	92 bu	3	0.00	0.92	-17	-2,721
High moist. corn	12	119	3.5 tn	4	6.98	1.04	8	1,005
Oats	9	45	66 bu	3	-3.92	0.77	- 25	-1,118
Wheat	10	42	30 bu	14	-4.11	0.75	-36	-1,520
Fruit:								
Apples	12	108	529 bu	88	7.61	1.19	200	21,553
Sweet cherries	5		4,937 lb	95	7.45	1.29	268	4,567
Red tart cherries	8		5,715 1b	47	43.59	3.43	1,912	60,880

^{*} To grow and harvest the crop.

ENTERPRISE RATES OF RETURN

FARM COST ACCOUNT RECORDS, 1975-78

	Retur	n per l	hour of	labor	Return	per d	ollar of	cost
Enterprise	1975	1976	1977	1978	1975	1976	1977	1978
	\$	\$	\$	\$	\$	\$	\$	\$
Livestock:	-				•			
Dairy cows	6.29	6.73	5.07	9.01	1.09	1.10	1.03	1.13
Forage:								
Hay	5.36	4.90	5.15	3.31	1.11	1.05	1.05	0.94
Hay crop silage	9.48	6.79	3.19	- 2.52	1.19	1.09	0.96	0.79
Corn silage	7.92	5.10	6.73	4.46	1.11	1.03	1.07	0.98
Grain:								
Corn for grain	5.02	-0.32	-0.99	0.00	1.02	0.91	0.87	0.92
High moisture corn	12.52	5.80	7.10	6.98	1.16	1.04	1.07	1.04
Oats	5.16	-3.44	-17.76	-3.92	1.06	0.80	0.54	0.77
Wheat	19.13	-0.23	-2.13	-4.11	1.34	0.88	0.84	0.75
Fruit:					•			
Apples	1.15	8.63	8.72	7.61	0.72	1.33	1.36	1.19
Sweet cherries	4.64	-0.98	7.32	7.45	1.15	0.59	1.23	1.29
Red tart cherries	4.85	21.18	17.71	43.59	1.06	1.91	1.64	3.43

Fruit Crops -

Growing costs begin accumulating with trimming and mousebaiting, etc. after harvest of the previous year's crop. The "orchard or vineyard overhead" cost is based on the value of the land and improvements and includes depreciation, if any, maintenance, drainage, taxes and interest on the investment.

Harvesting costs include costs for the normal harvest activities as performed on each farm. Cost accumulation ceases when the crop is loaded on a truck for hauling off the farm or when the crop is placed in storage or a processing or marketing facility on the farm.

Storing and selling costs include the cost of hauling the crop to an off farm destination at harvest time. Custom packing and storage costs, if any, are included. Costs related to major CA storage facility and/or processing and marketing activities on the farm are excluded from the fruit enterprise. A wide range of post-harvest costs are included in these fruit enterprises.

Returns represent the amount the grower received for his crop when sold or the value when delivered to a farm marketing, processing or CA storage facility.

Most apple enterprises involve varying quantities marketed as fresh and processing fruit depending on market conditions. Cost and return allocation difficulties preclude any meaningful distinction between fresh and processing fruit.

APPLES COSTS AND RETURNS PER ACRE 1,296 ACRES ON 8 COST ACCOUNT FARMS, 1978

COSIS: GROWING: LABOR 26 HR		ITEM		AVERAGE	PER	ACRE
LABOR 26 HR	cosis:	GROWING:	•			
TRUCK, EGUIP, CUSTOM MORK, EQ RENT - 49		LABOR	26 HR	\$ 123		
TRUCK, EGUIP, CUSTOM MORK, EQ RENT - 49		TRACT	OR 6 HR	29		
ORCHARD OR VINEYARD OVERHEAD 100 FERTILIZER 25 SPRAY, DUST MATERIALS 25 INTEREST 11 ALL OTHER 41 TOTAL GROWING COSTS 41 LABOR 62 HR 35 EQUIPMENT 6 ALL OTHER 6 ALL OTHER 6 ALL OTHER 596 STORING AND SELLING: LABOR 3 HR 14 TRACTOR, TRUCK, EQUIP 12 BUILDING USE 12 BUILDING USE 12 DIPECT SELLING COSTS * 12 ALL OTHER	•	TRUCK	, EQUIP, CUSTOM WORK, EQ RENT	49		
SPRAY, DUST MATERIALS		ORCHA	RD OR VINEYARD OVERHEAD	100		
INTEREST		FERTI	LIZER	25		
INTEREST		SPRAY	, DUST MATERIALS	85		
ALL OTHER		TAITED		11		
TOTAL GROWING COSTS		ALL C	THER	41		
HARVESTING: LABOR 62 HR 351 TRACTOR, TRUCK 35 EQUIPMENT 70 CLISTOM WORK, EQUIP RENT 6 ALL OTHER		TO	TAL GROWING COSTS			463
TRACTOR, TRUCK	•					
TRACTOR, TRUCK		LABOR	62 HR	351		
EQUIPMENT 6 CLSTOM WORK, EQUIP RENT 6 ALL OTHER 44 TOTAL HARVESTING COSTS 44 TOTAL PRODUCTION COSTS 596 STORING AND SELLING: LABOR 3 HR 14 TRACTOR, TRUCK, EQUIP 25 BUILDING USE 32 ALL OTHER 32 ALL OTHER 32 ALL OTHER 51,256 OTHER RETURNS: CROP - YIELD: 529 BU 51,256 OTHER RETURNS		TRACT	OR. TRIKK	35		
CLSTOM WORK, EQUIP RENT 6 ALL OTHER 44 TOTAL HARVESTING COSTS 50 TOTAL PRODUCTION COSTS 596 STORING AND SELLING: LABOR 3 HR 14 TRACTOR, TRUCK, EQUIP 25 BUILDING USE 1 DIRECT SELLING COSTS * 32 ALL OTHER 21 TOTAL STCRING AND SELLING COSTS - 9 TOTAL COSTS \$ 1,256 OTHER RETURNS 5 1,256 OTHER RETURNS 5 1,256 OTHER RETURNS 5 1,256 OTHER RETURNS 5 1,256 OTHER FACTORS: COST PER BU TO: GROW		EQUIP	MENT	70		
ALL OTHER		CLSTC	M WORK, EQUIP RENT	6		
TOTAL PRODUCTION COSTS \$ 96 STORING AND SELLING: LABOR 3 HR 14 TRACTOR, TRUCK, EQUIP 25 BUILDING USE 1 DIRECT SELLING COSTS * 32 ALL OTHER 21 TOTAL STCRING AND SELLING COSTS - 9 TOTAL COSTS \$ 1,06 RETURNS: CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS 6 TOTAL RETURNS 5 1,256 OTHER FACTORS: COST PER BU TO: GROW		ALL C	THER	44		
TOTAL PRODUCTION COSTS \$ 96 STORING AND SELLING: LABOR 3 HR 14 TRACTOR, TRUCK, EQUIP 25 BUILDING USE 1 DIRECT SELLING COSTS * 32 ALL OTHER 21 TOTAL STCRING AND SELLING COSTS - 9 TOTAL COSTS \$ 1,06 RETURNS: CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS 6 TOTAL RETURNS 5 1,256 OTHER FACTORS: COST PER BU TO: GROW		10	TAL HARVESTING COSTS			506
STORING AND SELLING: LABOR 3 HR		TO	TAL PRODUCTION COSTS		\$	969
LABOR 3 HR		STORING	AND SELLING:	•		
TRACTOR, TRUCK, EQUIP 25 BUILDING USE 1 DIRECT SELLING COSTS * 32 ALL OTHER 21 TOTAL STCRING AND SELLING COSTS - 9 TOTAL COSTS \$ 1,06 PETURNS: CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS \$ 1,256 OTHER PRETURNS \$ 1,256 OTHER FACTORS: COST PER BU TO: GROW \$ 0.88 HARVEST \$ 0.96 STORE AND SELL 0.18 NET** COST PER BU \$ 1.94 NET** RETURN PER BU \$ 2.32 PROFIT PER BU \$ 0.38 LABCR RETURN PER BU \$ 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABCR \$ 680 PETURN PER HOUR OF LABCR \$ 680		LABOR	3 HR			
BUILDING USE	-	TRACT	OR. TRUCK, EQUIP	25		
DIRECT SELLING COSTS * 32 ALL OTHER 32 TOTAL STCRING AND SELLING COSTS - 9 TOTAL COSTS \$ 1,06 RETURNS: CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS \$ 1,256 TOTAL RETURNS \$ 1,256 OTHER FACTORS: COST PER BU TO: GROW HARVEST STORE AND SELL NET** COST PER BU NET** FETURN PER		BUILD	ING USE	1		
ALL OTHER		DIREC	T SELLING COSTS *	32		
TOTAL COSTS \$ 1,06 RETURNS: CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS 6 TOTAL RETURNS \$ 20 AVERAGE OTHER FACTORS: COST PER BU TO: GROW		ALL C	THER	21		
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CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS 6 TOTAL RETURNS 6 PROFIT: 5 1,266 OTHER FACTORS: COST PER BU TO: GROW \$ 0.88 HARVEST 0.96 STORE AND SELL 0.18 NET** COST PER BU 1.94 NET** RETURN PER BU 2.32 PROFIT PER BU 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR \$ 7.61		TOTAL CO	STS		\$	1,062
CROP - YIELD: 529 BU \$ 1,256 OTHER RETURNS 6 TOTAL RETURNS 6 TOTAL RETURNS 6 PROFIT: 5 1,266 OTHER FACTORS: COST PER BU TO: GROW \$ 0.88 HARVEST 0.96 STORE AND SELL 0.18 NET** COST PER BU 1.94 NET** RETURN PER BU 2.32 PROFIT PER BU 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR \$ 7.61	DETHON	Ç •				
OTHER RETURNS	<u> </u>	CROP - Y	TEID: 529 BU	\$ 1,256		
### TOTAL RETURNS		OTHER RE	TIIRNS			
PROFIT:	÷	TOTAL RE	TURNS		\$	1,262
AVERAGE OTHER FACTORS: COST PER BU TO: GROW HARVEST STORE AND SELL NET** COST PER BU NET** RETURN PER BU PROFIT PER BU LABCR RETURN PER ACRE PRODUCTION PER HOUR OF LABOR \$ 0.88 \$ 0.96 STORE AND SELL 0.18 1.94 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR \$ 7.61				•		
OTHER FACTORS: COST PER BU TO: GROW HARVEST STORE AND SELL NET** COST PER BU NET** RETURN PER BU PROFIT PER BU PRODUCTION PER HOUR OF LABOR \$ 0.88 \$ 0.96 STORE AND SELL 0.18 1.94 2.32 0.38 4.88 PRODUCTION PER HOUR OF LABOR \$ 688 PRODUCTION PER HOUR OF LABOR \$ 7.61	PROFIT				\$ 	200
HARVEST 0.96 STORE AND SELL 0.18 NET** COST PER BU 1.94 NET** RETURN PER BU 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABCR 6 BU PETURN PER HOUR OF LABOR \$ 7.61				AVE	RAGE	
HARVEST 0.96 STORE AND SELL 0.18 NET** COST PER BU 1.94 NET** RETURN PER BU 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABCR 6 BU PETURN PER HOUR OF LABOR \$ 7.61	OTUEO	EACTODCO	COST DED BU TO: CPOM		ብ ጸጸ በ	
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NET** COST PER BU NET** RETURN PER BU PROFIT PER BU LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABCR FETURN PER HOUR OF LABOR \$ 7.61						
NET** RETURN PER BU 2.32 PROFIT PER BU 0.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR 6 BU RETURN PER HOUR OF LABOR \$ 7.61						
PROFIT PER BU O.38 LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR 6 BU PETURN PER HOUR OF LABOR \$ 7.61						
LABCR RETURN PER ACRE \$ 688 PRODUCTION PER HOUR OF LABOR 6 BU PETURN PER HOUR OF LABOR \$ 7.61						
PRODUCTION PER HOUR OF LABOR 6 BU PETURN PER HOUR OF LABOR \$ 7.61				400 400 400 400 AVA 400 440		
RETURN PER HOUR OF LABOR \$ 7.61			LABCR RETURN PER ACRE	\$	688	
, 2, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			PRODUCTION PER HOUR OF LABOR		6	BU
, 2, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			DETUDN DED HOUR OF LARGE	\$	7.61	
UE 1110N DEC 1111 1 N.V. 1 N. 1 N. 1 N. 1			RETURN PER HOOK OF LABOR RETURN PER DOLLAR CF COST	**	1.19	

^{*} ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 12 ENTERPRISES OF APPLES 8 COST ACCOUNT FARMS, 1978 (ARRANGED BY ACRES OF FRUIT)

	ACRES	AVER		PROD PER		AVER		
FARM	PER				C D D A V	PERA		
	ENTR	PER		HR OF	SPRAY	PROD	TOTAL	TOTAL
-NO		XIËLD-		_LABOR	_CC\$I	COST*_	_cosi_	REIURN
	AC	BU	HŘ	BU	\$	\$	\$	\$
833	572.2	455	76	4	74	075	0.50	7 102
802				6	76	875	959	1,103
	143.4	435	99	4	90	933	990	1,084
862	125.0	560	85	7	56	772	918	1,409
832	104.5	567	79	7	84	1,101	1,262	1,314
802	81.7	707	109	6	156	1,210	1,276	1,648
822	70.4	493	72	7	72	855	934	842
848	62.5	904	118	8	95	1,550	1,682	2,097
828	58.2	475	81	6	71	822	900	1,146
802	45.0	969	196	5	173	1,911	1,992	2,521
802	15.7	575	47	12	82	618	646	1,386
858	10.0	270	55	5	64	701	760	622
802	7.0	1 51	36	4	92	528	531	262
ANNUAL	_AVERAGE	SALL	ENIR: V	VEIGHIED_	BY_ACRE	<u> </u>		•
1978	108.4	529	88	6	85	969	1,062	1,262
1977	97.2	437	75	6	96	815	899	1,227
1976	69.3	459	73	6	95	819	945	
1975	59.6	414	66					1,253
1974				6	78 05	658	792	571
1714	57.4	405	79	5	95	705	828	985

^{*} TO GROW AND HARVEST THE CROP

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 12 ENTERPRISES OF APPLES
8 COST ACCOUNT FARMS, 1978
(READ ACPOSS BOTH PAGES)

		·						EP 400P 4743 calon relea
AVE	RAGE		AVERAGE	•	_RETUR!	N_PER	PROFIT	
PER	ACRE		PER_BU_		HOUR	\$	ON	
	LABOR	HARV	NEI	**	OF	OF	ENTER-	FARM
<u>PROFII</u>	REIURN	_COSI_	CQSI_E	REIUEN_	LABOR_	COSI	PRISE_	_Q_
\$	\$	\$	\$	\$	\$	\$	\$	
144	580	0.99	2.07	2.39	7.34	1.15	81,930	833
94	604	1.07	2.22	2.44	5.91	1.10	13,582	802
491	869	0.77	1.46	2.34	9.85	1.53	61,359	862
52	531	0.98	1.93	2.02	6.64	1.04	5,422	832
372	981	0.91	1.78	2.30	8.78	1.29	30,374	802
91-	282	0.75	1.89	1.71	3.50	0.90	6,484-	822
415	1,252	0.96	1.84	2.30	10.23	1.25	25,980	848
246	741	1.01	1.82	2.34	8.99	1.27	14,278	828
529	1,555	1.11	2.03	2.58	7.84	1.27	23,829	802
740	1,021	0.61	1.12	2.41	21.17	2.15	11,619	802
137-	. 138	1.05	2.81	2.30	2.29	0.82	1,377-	858
268-	61-	1.63	3.50	1.73	1.71-	0.49	1,882-	802
ANNUAL A	AYERAGES-	ALL E	VIR: WEI	GHIED_	BY_ACRES.	erp		
					•			
200	688	0.96	1.94	2.32	7.61	119	21,553	1978
328	700	0.92	1.98	2.73	8.72	1.36	31,662	1977
308	682	0.84	1.95	2.63	8.63	1.33	21,274	1976
221-	85	0.67	1.78	1.25	1.15	0.72	13,095-	1975
157	495	0.75	1.92	2.31	5.75	1.19	8,957	1974

Sweet Cherries -

See Fruit Crop notes on page 8.

SWEET CHERRIES COSTS AND RETURNS PER ACRE 85 ACRES ON 4 COST ACCOUNT FARMS, 1978

	ITEM		AVERAGE	PER	ACRE
COSIS:	GROWING:	***************************************			
	LABOR 11 HR	-	\$ 49		
	TRACTOR 4 HR	-	20		
	TRUCK, EQUIP, CUSTOM WORK, EQ RENT -		50		
	ORCHARD OR VINEYARD OVERHEAD FERTILIZER		111		
	FERTILIZER		30		
	SPRAY, DUST MATERIALS	-	108		
	INTEREST		9		
	ALL OTHER		24		
	TOTAL GROWING COSTS		•		40
	HARVESTING:				
	LABOR 84 HR		397		
	TRACTOR, TRUCK	weeps.	9		
	EQUIPMENT		27		
	CUSTOM WORK, EQUIP RENT	-	44		
	ALL OTHER	-	34		
	TOTAL HARVESTING COSTS	an			51
	TOTAL PRODUCTION COSTS	-		\$	91
	STORING AND SELLING:				
	LABOR 1 HR		- 6		
	TRACTOR, TRUCK, EQUIP	 ,	12	-	
	BUILDING USE		0		.*
	DIRECT SELLING COSTS *		. 0		
	ALL OTHER		10		
	TOTAL STORING AND SELLING COSTS -			\$	28 946
REIURN	S :				
zetādān.	CROP - YIELD: 4,937 LB	- \$	1.208		
	OTHER RETURNS	-	0		
	TOTAL RETURNS		Ü	\$	1,208
				*	1,20
PROEII	*	_		\$	268
-			AVE	RAGE	
CTHER	FACTORS: COST PER LB TO: GROW		\$	0.08	
	HARVEST			0.10	
	STORE AND SELL			0.01	
	NET** COST PER LB			0.19	
	NET** RETURN PER LB			0.24	
•	PROFIT PER LB			0.05	
•	LABOR RETURN PER ACRE		 \$	720	
•	PRODUCTION PER HOUR OF LABOR				LB
	RETURN PER HOUR OF LABOR		¢ ·	7.45	
	RETURN PER DOLLAR OF COST			1.29	
	NETONN TEN DOLLAND OF COST				

^{*} ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 5 ENTERPRISES OF SWEET CHERRIES
4 COST ACCOUNT FARMS, 1978
(ARRANGED BY ACRES OF FRUIT)

							•	
				PRCD		AVERA	AGE	
	ACRES	AVER	AGE	PER		PER A	ACRE	
FARM	PER	_PER	ACRE	HR OF	SPRAY	PROD	TOTAL	TOTAL
NO	ENIR	_YIELD_	LABOR*	LABOR	cost	COST*	_cost_	RETURN
	AC	LB	HR	LB	\$	\$	\$	\$
833	51.3	4,951	97	51	50	694	726	1,284
802	20.0	4,651	103	45	225	1,437	1,454	1,008
848	5.5	3,971	119	33	100	1,058	1,087	974
822	5.2	4,123	48	86	125	712	734	1,006
802	3.2	9,472	55	171	293	1,195	1,241	1,981
ANNUAL	_AVERAGE	S=_ALL_	ENIR: W	EIGHIED	BY ACR	<u> </u>		
						<u></u>		
1978	17.5	4,937	95	52	108	912	940	1,208
1977	14.1	2,707	34	78	50	479	500	616
1976	11.6	2,512	41	61	88	555	574	339
1975	9.8	9,996	140	71	72	945	1,015	1,168
1974	14.1	3,070	31	99	79	448	476	597

^{*} TO GROW AND HARVEST THE CROP .

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 5 ENTERPRISES OF SWEET CHERRIES 4 COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

AVE	PAGE	Δ	VERAGE		_REIUR!	N_PER	PROFIT	
PER	ACRE	£	PER LB		HOUR	\$	ON	
	LABOR	HARV	NET	**	OF	OF	ENTER-	FARM
PROEII.	_REIURN	_COSI	_COST_5	EIURN_	LABOR_	COSI	PRISE_	_NQ_
\$	\$	\$	\$	\$	\$	\$	\$	
558	962	0.08	0.15	0.26	9.82	1.77	28,598	833
445-	133	0.16	0.31	0.22	1.27	0.69	8,926-	802
112-	613	0.19	0.27	0.25	5.00	0.90	623 -	848
272	505	0.07	0.18	0.24	10.14	1.37	1,415	822
740	1,043	0.06	0.13	0.21	18.43	1.60	2,369	802
ANNUAL	AVEBAGES-	_ALL_EN	NIB:_WE	LGHIED_	BY_ACRES	_	*	
240	700	0 10	0 10	0 24	7 / 5	1 20	4 54 7	1978
268	720	0.10	0.19	0.24	7.45	1.29	4,567	
116	266	0.08	0.18	0.23	7.32	1.23	1,579	1977
235-	41-	0.09	0.23	0.13	0.98-		2,614-	1976
153	671	0.06	0.10	0.11	4.64	1.15	1,438	1975
121	238	0.06	0.16	0.19	7.20	1.25	1,659	1974

Red Tart Cherries -

See Fruit Crop notes on page 8.

RED TART CHERRIES COSTS AND RETURNS PER ACRE 255 ACRES ON 5 COST ACCOUNT FARMS, 1978

ITEM	AVERAGE	PER	ACRE
OSIS: GROWING:	gg ఆడా టెటు శర్మం శర్ము తిద్దు శర్మం శర్మం శర్మం కాహి క	No. 4120 4110 4110 411	क्षत्रक व्यक्ति स्वयक्त
LABOR 12 HR	\$ 56		
TRACTOR 4 HR	20		
TRUCK, EQUIP, CUSTOM WORK, EQ PENT	40		
ORCHARD OR VINEYARD OVERHEAD	112		
FERTILIZER	28		
SPRAY, DUST MATERIALS	69		
INTEREST	8		
ALL OTHER	2.9		
TOTAL GROWING COSTS	-	-	36
HARVESTING:			
LABOR 35 HR	161		
TRACTOR, TRUCK	11		
EQUIPMENT	95		
CUSTOM WORK, EQUIP RENT	24		
ALL OTHER	31		~ ~
TOTAL HARVESTING COSTS			32
TOTAL PRODUCTION COSTS		\$	68
STORING AND SELLING:			,
LABOR 2 HR	7		1
TRACTOR, TRUCK, EQUIP	10		
BUILDING USE	0 -		
DIRECT SELLING COSTS *	4		
ALL OTHER	80		
TOTAL STORING AND SELLING COSTS			10
TOTAL COSTS	*	\$	78
OF THE BALC .	•		
RETURNS: CROP - YIELD: 5,715 LB	t 2 407		
OTHER RETURNS	_	-	
TOTAL RETURNS	0	æ.	2,69
TOTAL RETURNS		₩ Z	_903
DDOCTT!		d .	1,91
PROFILE	-	 	
	AVE	RAGE	
OTHER FACTORS: COST PER LB TO: GROW	\$	0.06	
HARVEST		0.06	
STORE AND SELL		0.02	
NET** COST PER LB		0.14	
NET** RETURN PER LB		0.47	
		0.33	
PROFIT PER LB	c 2	 ,136	
PROFIT PER LB		9 2 20	•
LABCR RETURN PER ACRE	Ф <u>2</u>		
win dis wis dis win dis	-\$ <i>L</i> .	121	LB
LABCR RETURN PER ACRE		121 3.59	LB

^{*} ADVERTISING, CONTAINERS, CCMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL ** DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 8 ENTERPRISES OF RED TART CHERRIES
5 COST ACCOUNT FARMS, 1978
(ARRANGED BY ACRES OF FRUIT)

						_		
				PR CD		AVERA	AGE	
	ACRES	AVER	AG E	PER		PER_		
FARM	PER	_PER	ACRE	HR OF	SPRAY	PROD	TOTAL	TOTAL
NO	ENIR	_YIELD_	LABOR*	_LABOR_	_COST_	_COST*	COST	RETURN
*	AC	LB	HR	LB	\$	\$	\$	\$
833	107.3	5,341	55	97	45	557	695	2,489
832	40.5	6,515	62	104	117	1,066	1,160	3,300
802	32.7	7,746	34	233	71	732	807	3,641
802	22.5	4,706	26	186	69	511	566	2,078
802	20.0	2,981	19	156	100	558	593	1,274
822	12.2	5,093	27	194	71	650	718	2,180
802	12.1	5,418	19	2 9 0	55	343	429	2,687
848	7.5	9,700	143	68	95	1,684	1,829	4,811
ANNUAL	_AVERAGE	SALL_	ENIR: W	EIGHIED	BY_ACE	<u>S</u>		
1978	32.3	5,715	47	121	69	684	785	2,697
1977	23.5	3,082	24	128	65	483	531	874
1976	27.4	3,768	29	130	44	510	546	1,045
1975	26.3	6,318	44	145	44	563	614	647
1974	26.5	4,655	29	159	58	508	541	657

^{*} TO GROW AND HARVEST THE CROP

^{**} DIRECT SELLING CCSTS DEDUCTED

FACTORS FROM 8 ENTERPRISES OF RED TART CHERRIES 5 COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

AVE	RAGE	#	VERAGE		_REIUR	N_PER	PROFIT	
<u>PER</u>	_ACRE	E	ER_LB		HOUR	\$	ON	
	LABOR	HARV		[* ×	OF	OF	ENTER-	FARM
PROEIT	_REIURN_	COST		BETURN_	LABOR_	_COSI_	PRISE_	NO_
\$	\$	\$	\$	\$	\$	\$	\$	
1,794	2,032	0.05	0.13	0.47	36.42	3.58	192,549	833
2,140	2,495	0.09	0.18	0.50	39.44	2.85	86,681	832
2,834	2,957	0.04	0.10	0.47	84.15	4.51	92,658	802
1,512	1,624	0.04	0.12	0.44	57.81	3.67	34,009	802
681	756	0.04	0.20	0.43	34.35	2.15	13,618	802
1,462	1,607	0.05	0.14	0.43	57.99	3.04	17,837	822
2,258	2,334	0.03	0.08	0.49	04.21	6.27	27,321	802
2,982	3,865	0.10	0.19	0.50	26.14	2.63	22,366	848
			-					•
ANNUAL_	AVERAGES	ALL_ED	MIB: WE	IGHIED_	BY_ACRES	_		-
1,912	2,136	0.06	0.14	0.47	43.59	3.43	60,880	1978
343	449	0.06	0.17	0.28	17.71	1.64	7,878	1977
499	641	0.06	0.14	0.28	21.18	1.91	13,462	1976
3 3	218	0.04	0.09	0.10	4.85	1.06	876	1975
116	235	0.05	0.12	0.14	7.84	1.21	3,016	1974
					¥			

Peaches -

See Fruit Crop notes on page 8.

PEACHES COSTS AND RETURNS PER ACRE 54 ACRES ON 3 COST ACCOUNT FARMS, 1978

ITEM	AVERAGE	PER	ACRE
COSIS: GROWING:			٠.
LABOR 40 HR	\$ 180		
TRACTOR 8 HR	43		
TRUCK, EQUIP, CUSTOM WORK, EQ RENT	74		
ORCHARD OR VINEYARD OVERHEAD +	104		• •
FERTILIZER	33 102		
SPRAY, DUST MATERIALS	102		
INTEREST	14		
TOTAL GROWING COSTS			564
HARVESTING:			, 50 ,
LABOR 42 HR	182		
TRACTOR, TRUCK	15		
EQUIPMENT	40		
CUSTOM WORK, EQUIP RENT	0		1
ALL OTHER	15	*	
TOTAL HARVESTING COSTS			2,52
TOTAL PRODUCTION COSTS		\$	816
STORING AND SELLING:			
LABOR OHR	0		
TRACTOR, TRUCK, EQUIP	3		
BUILDING USE	0		
DIRECT SELLING COSTS *	1		
ALL OTHER	4		•
TOTAL STORING AND SELLING COSTS		\$	8 824
TOTAL COSTS		Ф	027
DETIIDAE.			•
RETURNS: CROP - YIELD: 89 BU	\$ 484		
OTHER RETURNS	0		
TOTAL RETURNS		\$	484
TOTAL REFORMS		*	
PROEII:		\$	340
	AV 6	ERAGE	
CTHER FACTORS: COST PER BU TO: GROW	\$	6.35 2.84	
HARVEST		0.10	
STORE AND SELL		9.27	
NET*≭ COST PER BU NET** RETURN PER BU		5.43	
PROFIT PER BU		3.84	_
ها والمنا فقط علم مواهد والمنا			
	\$	21	
LABOR RETURN PER ACRE		1	ви
PRODUCTION PER ACRE		Δ.	
	\$	0.26	

^{*} ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 5 ENTERPRISES OF PEACHES
3 CCST ACCOUNT FARMS, 1978
(ARRANGED BY ACRES OF FRUIT)

	ACRES	AVER	AGE		ROD PER		AV ER A		
FARM	PER	_PER	ACRE	H	R OF	SPRAY	PROD	TOTAL	TOTAL
_NO	_ENIR	_YIELD_	LABOR*		ABOR_	COST_	COST*	COST	RETURN
	AC	BU	HR		BU	\$	\$	\$	\$
833	34.7	61	80		1	82	739	742	490
822	6.5	244	52		5	114	1,113	1,147	573
802	5.6	86	75		1	71	641	650	429
802	5.0	100	145		1	225	1,225	1,236	500
802	2.0	40	86		0	174	655	659	200
ANNUAL	AVERAGE	SALL_	ENIR:	MEI	GHIED	_BY_ACRE	E.S.		
1978	11.2	89	82		1	102	816	824	484
1977				NOT	AVER	AGED	•		
1976				NOT	AVER	AGED			
1975	8.8	118	89		1	74	663	683	758
1974	10.8	103	106		1	61	632	660	6 96

^{*} TO GROW AND HARVEST THE CROP

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM 5 ENTERPRISES OF PEACHES 3 COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

	~							
AV E	PAGE		AVERAGE		REIUE	Y_PER	PROFIT	
PER_	_ACRE		PER_BU		HOUR	\$	ON	
	LABOR	HARV	NEI	**	OF	OF	ENTER-	FARM
PROEII	_RETURN	_COSI_	CQSI_E	SEIURN	LABOR_	COST	PRISE_	_NQ_
\$	\$	\$	\$	\$	\$	\$	\$	
251 -	130	3.31	12.12	7.99	1.62	0.66	8,760-	833
5 7 3-	324-	2.16	4.64	2.30	6.14-	0.50	3,730-	822
220 -	65	1.41	7.59	5.00	0.86	0.66	1,242-	802
735-	258-	4.41	12.36	5.00	1.77-	0.40	3,682-	802
458-	165-	2.54	16.46	5.00	1.93-	0.30	917-	802
				,			•	
ANNUAL	AVERAGES-	_ALL_E	NIR:_WE	GHIED_BY.	_ACPES_			
		•*				•		
340-	21	2.84	9.27	5.43	0.26	0.59	3,665-	1.978
			NOT	AVERAGED				1977
			NOT	AVERAGED				1976
7 5	345	1.86	5.70	6.33	3.76	1.11	621	1975
36	346	2.07	6.25	6.59	3.19	1.05	368	1974

FACTORS FROM OTHER FRUIT ENTERPRISES COST ACCOUNT FARMS, 1978 (ARRANGED BY ACRES OF FRUIT)

	ACRES	AVEI		PROD PER		AVERA		
FARM NO	PER ENTR	PER YIELD	ACRE LABOR*	HR OF LABOR	SPRAY COST	PROD COST*	TOTAL COST	RETURN
*****	AC	ÜN	HR	UN			\$	5
GRAPES	•		•					4
822 802	13.4 11.8	1.3 4.1	65 88	<u>TN</u> 0.02 0.05	14 57	623 974	652 1036	351 715
PEARS							·	
833 822 802	48.6 6.9 5.0	<u>BU</u> 150 497 293	39 47 100	BU 4 11 3	109 32 322	493 495 1279	526 578 1315	571 977 1758
PRUNES								
802	17.2	<u>BU</u> 76	30	<u>BU</u> 3	92	524	575	580

^{*} TO GROW AND HARVEST THE CROP

^{**} DIRECT SELLING COSTS DEDUCTED

FACTORS FROM OTHER FRUIT ENTERPRISES COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

AVER	AGE ACRE	n කාක කෙත සහ ගතර මෙල් දන්දා දේවා දනදා එදර ද	AVERAGE PER UNIT	a ra an an ar ar an an an ar	RETURI HOUR	v PER	PROFIT ON	का तक प्रकार करने तक स्थान स्थान
	LABOR	HARV	NE	T.	OF	of of	enter-	FARM
PROFIT	RETURN	COST	COST	RETURN	LABOR	COST	PRISE	NO
\$	S and seem and seem and seem and seem and seem and seem	Å • mm em været et ≦arter em em em v		, 	Å om men en			ದಿ ದಿಕ್ಕಾಯಕ್ತಿ ಪಡೆಯುವ ಸಭಾಕವಾ
GRAPES		•						
			PE	er in				
300-	3-	53	514	277	0.05-	0.54	4035-	822
320-	27-	30	241	162	0.31-	0.69	3791-	802
	•							
PEARS						•		
			PE	r bu				
45	234	1.03	3.50	3.80	6.02	1.09	21.88	833
399	620	0.41	1.16	1.97	12.78	1.69	2756	822
443	926	1.43	4.49	6.00	9.30	1.34	2215	802
							-	
PRUNES								
			PI	ir bu		,		
5	181	2.60	6.99	7.05	6.12	1.01	75	802
400 cm cm 400 km cm cm cm								

FACTORS FROM VEGETABLE CROP ENTERPRISES COST ACCOUNT FARMS, 1978 (ARPANGED BY ACRES OF CROP)

				PROD		AVER	705	
	ACRES	AVER	AG E	PER		AVER PER		
FARM	PER			HR OF	GROW			TOTAL
NO	ENIR				COST		_COST**	
, -	AC	UNIT	HR	UNIT	\$	\$	\$	\$
DRY B	BEANS							
858	56.0	<u>LB</u> 970	4	<u>LB</u> 247	149	45	198	130
SNAP	BEANS- PR			IN		*		-
827	1855.5	IN 2.0	5	0.4	185	39	238	298
848	467.5	2.8	4		200	65	292	
833	424.8		5	0.3	175			251
TABLE	BEETS							
827	199.0	IN 25.3	18	<u>IN</u> 1.4	316	102	583	1,072
CABBA	GE- MKT				N			
007	24.0	IN_	0.7	IN				
	26.0	11.7	91 40	0.1			1,814	
828	15.0 13.5	6.7 20.4	75	0.3			631 610	
858		27.8	88		587		1,135	
CABBA	GE- PRCC						-	
927	117 0	IN	/. 1	ΙŅ	, 7 ,	1 77 79	7.0	7.0
	117.0 19.0	23.6	64	0.6 0.4	684		760 977	7 52 6 4 3
CABBO	TC							
CARRO	13	IN		IN				
827	318.0	23.4	23	1.0	380	139	713	1,035

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED
(RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM VEGETABLE CROP ENTERPRISES COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

AVERAG		AVER		RETUR		PROFIT	ir #430 -3700
PERAC	L ABOR	NET LEELU	NII ***	HOUR OF	\$ OF	ON ENTER -	FARM
PRQEII_B			REIURN	LABOR_		PRISE	NQ_
\$	<u> </u>	* xxx	2FTA7N	**************************************	 \$	\$	
₩	*	Ψ	w.	•	•	*	
DRY BEANS	3	PER_					
68-	47-	0.20		11.17-	0.66	3,824-	858
							,
SNAP BEAR	NS- PROC	PER_	TN				1
60	93	120	149	18.18	1.25	110,099	827
129	176	106	1 53	32.31		60,153	848
4-	25	153	150	4.05	0.98	1,877-	833
TABLE BE	ETS						
		PER.					
489	645	23	42	27.12	1.84	97,239	827
CABBAGE-	MKT						
		PER_					
112	963	155	164	7.45		2,897	827
453-	99-	95	27	1.43-		6,801-	833
131 24-	420 383	-30 41	36 40	5.56 3.96	1.21 0.98	1,763 238-	828 858
						•	
CABBAGE-	PROC	0.50	T.				
0	3.00		_IN 32	6.41	0.99	966-	82 7
8- 334-	299 125	32 40	27		0.66	6,335-	848
							1
CAPROTS							
322	522	<u>PER</u> 30	IN 44	17.19	1.45	102,348	827

FACTORS FROM VEGETABLE CROP ENTERPRISES COST ACCOUNT FARMS, 1978 (ARRANGED BY ACRES OF CROP)

	ACRES	AVER.	 ۵G F	PROD PER !		AVER _PER		
FARM	PER	PER		HR OF	GROW	HARV	TOTAL	TOTAL
_NO	ENIB	_YIELD_	LABOR*	_LABOR	COSI	COSI	_COSI**	RETURN
	AC	UNIT	HR	UNIT	\$	\$	\$	\$
CUCUMI	BERS- MKT			011				
848	28.0	<u>BU</u> 679	92	<u>BU</u> 7	329	676	1,102	869
PEAS-	PROC	Thi		Thi				
827	372.0	IN 1.9	9	IN 0.2	198	94	329	449
	28.8	2.0	1	1.4	161	151	340	554
POTAT	DES- MKT	CM		CH				
827	35.0	<u>C₩</u> 307	36	<u>W</u> 2 9	7 52	317	1,975	1,159
v								
POTAT	DES- PROC	C 1.1		C14				
82 7	138.0	<u>Ç₩</u> 301	36	<u>CW</u> 8	696	317	1,239	1,449
SWEET	CCRN- PR	ос						
105 -	62.0	<u>I</u> N	3.	<u>IN</u> 1.2	161	47	100	252
105 822	41.7	4.0 3.6	8	0.4	151 183	31	199 241	253 233
836		4.4			127			
CDDIN	G SPINACH							
25K T N	2 SETMACH	IN		IN				
827	71.0	5.9	12	0.5	300	33	367	416

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED (RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM VEGETABLE CROP ENTERPRISES COST ACCOUNT FARMS, 1978 (READ ACROSS BOTH PAGES)

AVERAGEPERACRE LABOR PROFITRETURN_ \$ \$	AVERAGE _PER_UNII*** NET NETCOSIBEIUBN \$ \$	_REIURN_PER HOUR \$ OF OF _LABOR_COSI \$ \$	PROFIT ON ENTER- PRISE \$	FARM NO
CUCUMBERS- MKT 233- 497	<u>PER_BU</u> 1.62 1.28	5.14 0.79	6,524-	848
PEAS- PROC 120 189 214 222	PER_IN 177 242 172 280	17.86 1.36 60.03 1.63	44,431 6,168	827 836
POTATOES- MKT 816- 309-	PERCW 6.44 3.78	4.02 - 0.59	28,563 -	827
POTATOES- PROC 210 465	PERCW 4.11 4.81	11.99 1.17	28,889	827
SWEET CORN- PRO 54 67 8- 33 90 102	PERIN	20.71 1.27 3.94 0.96 52.70 1.50	362 -	822
SPRING SPINACH 49 141	PERIN 62 71	10.15 1.14	3,516	827