

December 1970

A.E. Res. 325

CASH CROPS AND FRUITS
COSTS AND RETURNS
FROM
FARM COST ACCOUNTS

32 FARMS - 1969

C. D. Kearn and Darwin P. Snyder

Department of Agricultural Economics
Cornell University Agricultural Experiment Station
New York State College of Agriculture
A Statutory College of the State University
Cornell University, Ithaca, New York

REPORTS
from
FARM COST ACCOUNTS
32 Farms, 1969

Overhead Costs	A.E. Res.	323
Field Crop Costs and Returns	A.E. Res.	324
Cash Crops and Fruit Costs and Returns	A.E. Res.	325
Livestock Costs and Returns	A.E. Res.	326

CASH CROPS AND FRUITS, A.E. Res. 325

- Contents -

	Page
Introduction	1
Summary of cost account enterprises	4
Rates of return compared with other years	5
Apples	6
Red Tart cherries	8
Sweet cherries	10
Grapes	12
Peaches	13
Pears	15
Prunes	15
Potatoes	16
Snap beans for processing	16

INTRODUCTION

For the Cost Account year 1969 there were 32 New York State farmers who completed detailed records on their businesses in cooperation with the Department of Agricultural Economics, Cornell University. The farms are located in most of the farming areas of the state. They are generally well-run, full-time, commercial farm businesses. They are representative of the "better" farmers of New York.

This report presents the results of individual enterprises and the averages of the costs and returns for all farms. It thus shows 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 averages of the costs are not averages of average costs but are weighted by the size of enterprise.

The project was under the supervision of C. D. Kearl. The field work on these accounts was done by Darwin Snyder and C. D. Kearl. The closing of the books and the preparation of this report on results of the operation of the farms was done by the Cost Account staff consisting of Oneta Shipe, Edna Wheeler, Helen Kruth, Abbie Leonard, Barbara Upham, Cynthia Piburn, Regina Combs and Mary Bailey.

The material on pages 2 and 3 of this report was taken from A. E. Res. 322, Dairy Farm Management, Business Summary, New York, 1970 by C. A. Bratton.

Table 1. TEMPERATURE, GROWING SEASON AND PRECIPITATION
Selected Stations, 1947-67 and 1969

Station	Average temperature		Precipitation				Length of growing season*	
	May through Sept.		May through Sept.		Total annual		1947-67	1969
	1947-67	1969	1947-67	1969	1947-67	1969	1947-67	1969
	Degrees		Inches				Days	
Alfred	61.8	61.7	16.8	13.9	36.7	35.2	122	135
Auburn	64.7	64.1	13.4	16.6	31.1	32.5	174	174
Batavia	64.4	64.8	14.7	17.1	31.8	36.1	152	167
Canton	63.0	61.6	16.9	17.8	34.9	33.2	127	114
Lowville	62.3	62.1	15.7	19.6	38.0	39.9	120	115
Norwich	61.7	61.7	18.1	15.0	40.1	37.0	118	115
Poughkeepsie	68.2	66.6	16.4	19.3	38.2	41.5	171	163
Salem	62.5	62.9	17.8	17.8	39.0	39.0	118	115
Utica	63.8	64.0	17.7	18.0	39.8	43.8	157	148

* Days between the last temperature of 32° in the spring and the first in the fall.

The 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 the year. It is for this reason that data are presented on the growing conditions for 1969 and for the period 1947-67.

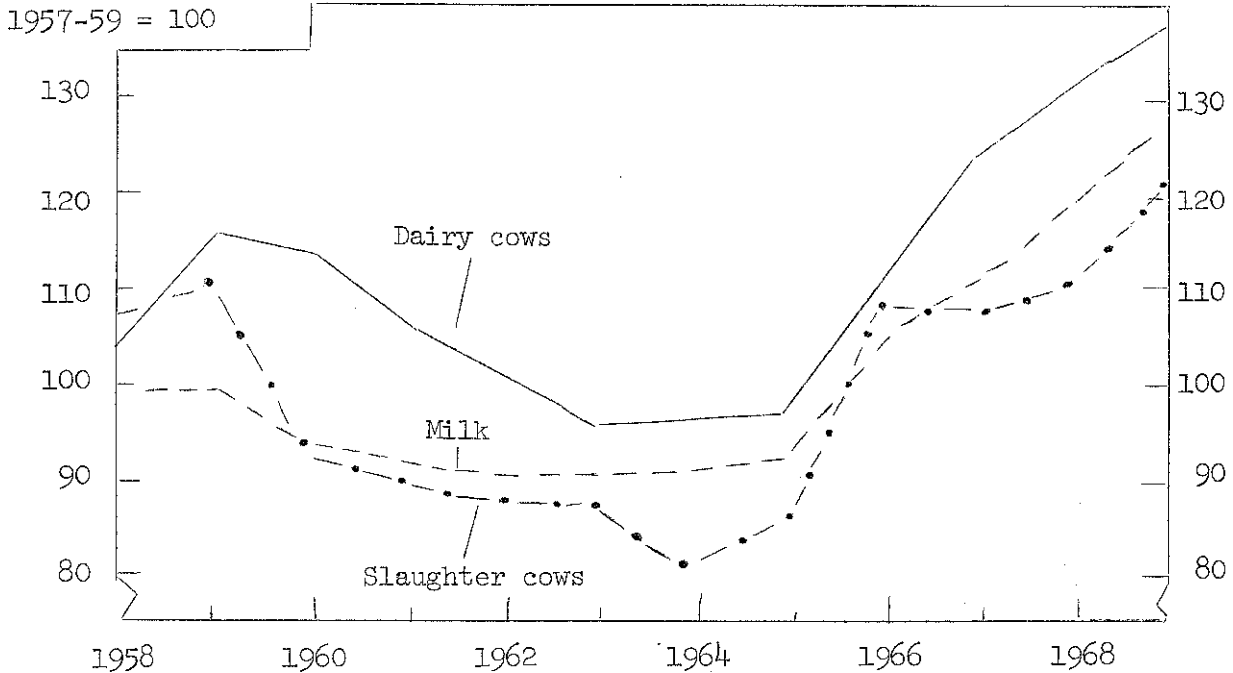
In general, the 1969 growing season can be characterized as having near normal temperatures, a slightly shorter growing season and about normal annual rainfall. Conditions varied from area to area in the State. Data are presented for nine weather stations. The rainfall is reported by months for the growing season. May, June, and July were wet in most areas while August and September were dry (Table 2).

Table 2. GROWING SEASON RAINFALL
Selected Stations, 1947-67 and 1969

Station	May		June		July		August		September	
	1947-67	1969	1947-67	1969	1947-67	1969	1947-67	1969	1947-67	1969
Alfred	3.43	1.60	3.68	5.23	3.51	4.38	3.34	1.65	2.88	1.00
Auburn	2.64	5.41	2.61	5.50	3.25	3.43	2.80	1.01	2.12	1.26
Batavia	3.02	4.12	2.62	4.68	2.85	3.86	3.54	1.81	2.71	2.60
Canton	3.33	3.31	2.88	6.06	3.40	3.42	4.00	2.45	3.25	2.61
Lowville	3.26	5.90	2.77	6.79	3.15	2.92	3.73	1.80	2.82	2.16
Norwich	3.54	2.42	4.16	4.60	4.02	3.86	3.13	2.54	3.24	1.56
Poughkeepsie	3.10	3.27	2.98	4.16	3.23	5.06	3.76	3.60	3.31	3.25
Salem	3.55	3.66	3.40	4.06	3.87	3.85	3.45	3.00	3.35	3.26
Utica	3.40	4.87	3.20	5.27	4.46	1.16	3.60	3.86	3.06	2.86

SOURCE: Climatological Data, New York, Environmental Data Service, ESSA, U. S. Department of Commerce.

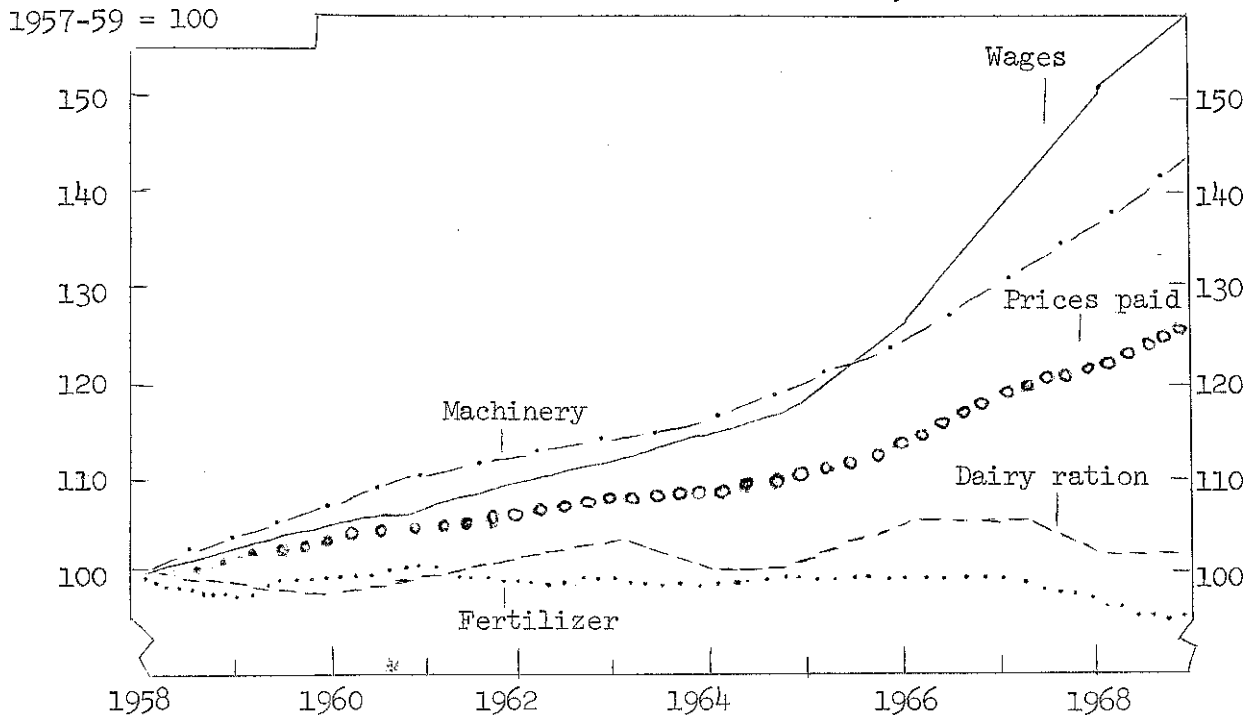
PRICES RECEIVED BY N.Y. DAIRY FARMERS, 1958-1969



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

A look at the 1969 price situation for the major items dairymen sell gives some perspective on the price climate for the year of this study. Milk prices for 1969 averaged \$5.66 compared with \$5.43 in 1968 and \$4.14 in 1962. Both dairy and slaughter cow prices in 1969 were at new highs for recent years. In general, prices received by dairymen in 1969 were good.

PRICES PAID BY N.Y. DAIRY FARMERS, 1958-1969



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

Prices paid by New York farmers have been rising, with some items changing more than others. Farm wages have increased the most. Fertilizer prices have declined slightly, and feed prices have fluctuated but have changed little.

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

Item	Unit	New York State*			Cost
		1936-40	1946-55	1969	Account 1969
Hay	tons	1.3	1.7	2.1	2.4
Corn silage	tons	9	10	14	14
Corn grain	bu.	34	44	75	61
Wheat	bu.	24	31	40	50
Cows	lbs.	5,628	6,588	10,309	14,213

* AMS Reports and unpublished tabulations

FARM COST ACCOUNT SUMMARY, 1969
Crop Enterprises

Crop	Number of accounts	Average acres per enter- prise	Average yield per acre	Hours of labor per acre	Return per hour of labor	Return per dollar of cost	Profit per acre	Profit on enter- prise
<u>Fruit:</u>								
Apples	13	77.4	323 bu.	74	\$1.54	\$0.82	\$- 97	\$-7,501
Sweet cherries	7	10.9	7,494 lbs.	235	2.12	0.89	- 98	-1,069
Red Tart cherries	9	30.6	5,674 lbs.	92	1.52	0.79	-103	-3,167
Peaches	5	9.3	77 bu.	64	-0.31	0.51	-188	-1,753
<u>Grain:</u>								
Wheat	11	89.7	50 bu.	4	8.83	1.31	22	1,974
Corn for grain	8	94.4	61 bu.	3	-2.46	0.84	-15	-1,413
<u>Hay and Silage:</u>								
Hay	18	85.1	2.4 tons	5	-0.69	0.78	-18	-1,501
Hay crop silage	11	72.4	6.9 tons	5	0.26	0.87	-12	- 899
Corn silage	20	84.6	14 tons	6	1.95	0.96	- 5	- 385

SUMMARY, 1969

Farm enterprise	Return per hour of labor				Return per dollar of cost			
	1966	1967	1968	1969	1966	1967	1968	1969
	\$	\$	\$	\$	\$	\$	\$	\$
<u>Livestock:</u>								
Dairy cows	2.41	3.03	4.46	4.64	1.05	1.08	1.16	1.14
<u>Fruits:</u>								
Apples	3.32	3.57	3.19	1.54	1.28	1.22	1.04	0.82
Sweet cherries	2.98	2.96	5.90	2.12	1.34	1.20	1.61	0.89
Red Tart cherries	2.40	9.26	5.77	1.52	1.09	2.45	1.50	0.79
Peaches	--	--	--	-0.31	--	--	--	0.51
Grapes	2.33	3.21	2.63	--	1.05	1.26	1.06	--
<u>Grain:</u>								
Corn	5.34	1.87	-3.48	-2.46	1.17	0.99	0.79	0.84
Wheat	4.24	4.96	6.80	8.83	1.16	1.14	1.20	1.31
<u>Hay and Silage:</u>								
All hay	1.31	0.08	-0.58	-0.69	0.95	0.83	0.76	0.78
Hay crop silage	5.29	4.17	-2.53	0.26	1.17	1.11	0.76	0.87
Corn silage	3.61	3.38	-0.35	1.95	1.10	1.07	0.86	0.96

Factors from 13 APPLE Accounts, 1969*
(Arranged by acres of apples)

Farm number	Orchard bearing age acres	Yield packable fruit per acre bu.	Labor to grow an acre hours	Cost to grow an acre \$	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enterprise \$
					Cost per bu. \$	Returns per bu. \$			
833	303.0	309	19	292	1.76	1.04	-0.15	0.66	-66,954
829	173.2	479	37	307	1.28	1.30	3.05	1.02	1,818
802	142.8	216	25	221	1.51	1.39	2.15	0.92	- 3,673
802	102.9	372	32	298	1.23	1.39	3.40	1.12	5,934
832	74.8	371	31	357	1.55	0.98	0.33	0.66	-15,800
828	63.7	304	29	206	1.38	1.37	2.18	1.00	- 128
831	51.9	126	16	152	2.04	1.09	0.52	0.71	- 6,212
822	49.1	380	23	263	1.25	1.08	2.21	0.86	- 3,274
826	12.8	195	20	273	2.72	2.57	2.14	0.95	- 366
802	11.7	152	5	172	1.63	1.41	1.12	0.86	- 394
814	9.1	95	39	349	10.37	1.79	-2.52	0.20	- 7,402
802	6.4	62	20	274	5.89	2.70	-2.76	0.46	- 1,275
802	4.2	240	40	389	2.16	2.37	3.39	1.09	212

Annual averages, all farms, weighted by acres of apples:

1969	77.4	323	26	275	1.52	1.22	1.54	0.82	- 7,501
1968	82.6	276	26	234	1.54	1.61	3.19	1.04	1,530
1967	85.5	386	28	229	1.11	1.39	3.57	1.22	9,130
1966	67.6	498	28	197	0.79	1.03	3.32	1.28	8,172
1965	67.0	429	34	208	0.90	1.01	2.26	1.11	3,230

* 13 accounts on 9 farms

APPLES, 1969
1,006 acres on 9 farms

Average per acre:	Dollars
Growing:	
Orchard overhead -----	37.62
Fertilizer and spreading - pounds N 57 P 11 K 15 -----	8.55
Spray and dust materials -----	75.11
26.1 hours of labor -----	74.28
7.9 hours of tractor work -----	16.64
Other equipment (including auto and truck) -----	34.23
Interest -----	8.29
All other -----	20.32
Total growing -----	275.04
Harvesting:	
46.8 hours of labor -----	133.21
2.6 hours of tractor work -----	5.05
Auto and truck -----	15.44
Other equipment -----	22.14
All other -----	9.37
Total harvesting -----	185.21
Storing and selling:	
Packages, commissions, storage, etc. -----	54.40
Labor -----	3.60
Equipment (including auto and truck) -----	6.50
Buildings -----	3.72
All other -----	21.31
Total storing and selling -----	89.53
Total cost per acre -----	549.78
Returns:	
323 bushels of packable fruit -----	448.85
Ciders and drops -----	3.96
Total return per acre -----	452.81
Net loss per acre -----	96.97
<hr/>	
Cost to grow a bushel -----	0.85
Cost to harvest a bushel -----	0.57
Cost to store and sell a bushel -----	0.28
Total cost per bushel -----	1.70
Net cost per bushel* -----	1.52
Total return per bushel -----	1.40
Net return per bushel* -----	1.22
Loss per bushel -----	0.30
<hr/>	
Labor return per acre -----	114.13
Return per hour of labor -----	1.54
Return per dollar of cost -----	0.82

* Minus packages, commissions, hired packing, storage and cartage.

Factors from 9 RED TART CHERRY Accounts, 1969*
(Arranged by acres of cherries)

Farm number	Orchard bearing age acres	Yield per acre pounds	Labor	Cost	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enterprise \$
			to grow an acre hours	to grow an acre \$	Cost per lb. ¢	Returns per lb. ¢			
832	89.4	6,596	18	232	7.6	5.7	1.22	0.76	-10,995
833	75.4	4,781	9	153	8.3	7.6	2.07	0.91	- 2,630
802	33.1	2,536	78	383	18.8	6.8	-0.60	0.36	-10,104
829	24.5	5,100	7	129	10.3	6.3	0.98	0.61	- 4,945
802	16.6	13,193	66	505	7.0	8.8	4.11	1.26	3,923
822	13.9	4,484	6	165	12.2	7.9	1.40	0.65	- 2,688
802	12.0	3,313	21	253	12.9	8.1	0.54	0.63	- 1,893
832	6.0	8,533	5	186	3.6	7.0	13.03	1.97	1,761
802	4.6	6,889	40	353	10.4	7.5	1.36	0.72	- 929

Annual averages, all farms, weighted by acres of cherries:

1969	30.6	5,674	24	234	8.7	6.9	1.52	0.79	- 3,167
1968	34.1	5,636	15	191	9.5	14.6	6.00	1.54	9,807
1967	29.7	7,359	15	200	7.8	19.2	9.26	2.45	24,825
1966	32.5	2,314	13	112	11.5	12.5	2.40	1.09	785
1965	30.3	8,057	19	124	4.8	5.1	1.68	1.05	616

* 9 accounts on 5 farms

RED TART CHERRIES, 1969
276 acres on 5 farms*

Average per acre:	Dollars
Growing:	
Orchard overhead -----	52.20
Fertilizer and spreading -----	14.29
Spray and dust materials -----	28.68
24.5 hours of labor -----	67.57
6.0 hours of tractor work -----	12.29
Other equipment (including auto and truck) -----	29.32
Interest -----	6.45
All other -----	23.53
Total growing -----	234.33
Harvesting:	
67.7 hours of labor -----	176.26
Auto, truck and tractor -----	10.53
Other equipment -----	51.40
All other -----	13.69
Total harvesting -----	251.88
Storing and selling -----	12.11
Total cost per acre -----	498.32
Returns:	
5,674 pounds of cherries -----	391.94
Cherries for juice -----	2.93
Total return per acre -----	394.87
Net loss per acre -----	103.45
	Cents
Cost per pound to grow -----	4.1
Cost per pound to harvest -----	4.4
Cost per pound to store and sell -----	0.2
Net cost per pound -----	8.7
Net return per pound -----	6.9
Loss per pound -----	-1.8
	Dollars
Labor return per acre -----	140.73
Return per hour of labor -----	1.52
Return per dollar of cost -----	0.79

* 9 accounts on 5 farms

Factors from 7 SWEET CHERRY Accounts, 1969*
(Arranged by acres of cherries)

Farm number	Orchard bearing age acres	Yield per acre pounds	Labor	Cost	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enterprise \$
			to grow an acre hours	to grow an acre \$	Cost per lb. ¢	Returns per lb. ¢			
833	33.4	8,371	11	234	12.4	10.2	1.83	0.82	-6,094
829	23.0	8,296	3	153	9.4	9.6	2.60	1.02	300
822	6.7	5,927	8	209	11.5	10.7	2.87	0.93	- 324
814	5.1	824	24	189	26.2	25.0	3.16	0.95	- 51
802	3.0	1,457	3	99	16.8	14.2	1.61	0.85	- 112
802	2.8	9,112	70	550	13.6	11.2	1.93	0.82	- 616
832	2.5	11,644	8	224	10.3	8.3	1.82	0.80	- 587

Annual averages, all farms, weighted by acres of cherries:

1969	10.9	7,494	11	210	11.4	10.1	2.12	0.89	-1,069
1968	10.7	5,014	9	178	11.5	16.8	5.13	1.46	2,845
1967	10.9	4,449	12	175	11.9	14.3	2.96	1.20	1,157
1966	10.4	3,552	8	119	10.1	13.6	2.98	1.34	1,296
1965	10.4	4,274	14	123	8.0	11.0	2.47	1.36	1,320

* 7 accounts on 6 farms

SWEET CHERRIES, 1969
76 acres on 6 farms*

Average per acre:	Dollars
Growing:	
Orchard overhead -----	38.60
Fertilizer and spreading -----	6.14
Spray and dust materials -----	45.05
11.2 hours of labor -----	33.10
4.2 hours of tractor work -----	8.13
Other equipment (including auto and truck) -----	46.44
Interest -----	5.14
All other -----	27.75
Total growing -----	210.35
Harvesting:	
223.4 hours of labor -----	563.14
Auto, truck and tractor -----	19.87
Other equipment -----	31.05
All other -----	18.62
Total harvesting -----	632.68
Storing and selling -----	17.09
Total cost per acre -----	860.12
Returns:	
7,494 pounds of cherries -----	762.29
Net loss per acre -----	97.83
Cents	
Cost per pound to grow -----	2.8
Cost per pound to harvest -----	8.5
Cost per pound to store and sell -----	0.2
Total cost per pound -----	11.5
Net cost per pound (less packages and cartage) -----	11.4
Total return per pound -----	10.2
Net return per pound (less packages and cartage) -----	10.1
Loss per pound -----	1.3
Dollars	
Labor return per acre -----	498.47
Return per hour of labor -----	2.12
Return per dollar of cost -----	0.89

* 7 accounts on 6 farms

Factors from 5 PEACH Accounts, 1969
(Arranged by acres of peaches)

Farm number	Orchard bearing age acres	Yield packable fruit per acre bu.	Labor	Cost	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enter- prise \$
			to grow an acre hours	to grow an acre \$	Cost per bu. \$	Returns per bu. \$			
802	18.7	60	31	258	5.22	2.20	-1.28	0.42	-3,392
832	10.0	158	16	201	1.99	1.76	1.94	0.89	- 358
833	9.0	44	12	194	10.62	3.78	-0.25	0.37	-2,734
828	5.0	67	48	213	4.89	1.37	-0.44	0.52	-1,177
802	4.0	44	36	276	9.09	2.89	-0.92	0.46	-1,104

Annual averages, all farms, weighted by acres of peaches:

1969	9.3	77	27	230	4.57	2.14	-0.31	0.51	-1,753
1968	7.8	77	21	232	4.11	3.09	0.88	0.76	- 609
1967	----- Not averaged -----								
1966	----- Not averaged -----								
1965	14.8	93	43	264	4.75	4.00	1.05	0.85	-1,029

PEACHES, 1969
47 acres on 4 farms*

Average per acre:	Dollars
Growing:	
Orchard overhead -----	73.88
Fertilizer and spreading - pounds N 25 P 2 K 7 -----	3.45
Spray and dust materials -----	29.66
26.6 hours of labor -----	69.42
6.4 hours of tractor work -----	12.40
Other equipment (including auto and truck) -----	25.65
Interest -----	7.00
All other -----	8.65
Total growing -----	230.11
Harvesting:	
35.1 hours of labor -----	91.16
Auto, truck and tractor -----	8.82
Other equipment -----	4.75
All other -----	7.39
Total harvesting -----	112.12
Storing and selling:	
Packages -----	24.32
All other -----	14.86
Total storing and selling -----	39.18
Total cost per acre -----	381.41
Returns:	
77 bushels of peaches -----	193.72
Net loss per acre -----	187.69
<hr/>	
Cost to grow a bushel -----	2.97
Cost to harvest a bushel -----	1.45
Cost to store and sell a bushel -----	0.51
Total cost per bushel -----	4.93
Net cost per bushel -----	4.57
Total return per bushel -----	2.50
Net return per bushel -----	2.14
Loss per bushel -----	2.43
<hr/>	
Labor return per acre -----	-19.70
Return per hour of labor -----	- 0.31
Return per dollar of cost -----	0.51

* 5 accounts on 4 farms

Factors from 4 GRAPE Accounts, 1969
(Arranged by acres of grapes)

Farm number	Vineyard acres	Yield per acre tons	Labor	Cost	Net to grower		Return per hour of labor	Return per dollar of cost	Profit on enter- prise
			to grow an acre hours	to grow an acre \$	Cost	Returns			
					per ton \$	per ton \$			
814	55.9	4.0	76	495	181.58	177.29	3.22	0.98	- 962
822	8.6	3.9	96	472	207.96	183.80	2.69	0.89	- 807
802	7.6	3.1	72	392	187.14	139.06	1.39	0.77	-1,125
831	7.6	4.3	83	318	113.03	106.51	2.09	0.95	- 215

Annual averages, all farms, weighted by acres of grapes:

1969	----- Not averaged -----								
1968	24.9	3.5	57	303	143.28	151.90	2.63	1.06	756
1967	25.4	5.2	69	320	104.49	133.18	3.21	1.26	3,786
1966	26.0	4.0	66	291	117.58	123.28	2.33	1.05	598
1965	25.9	3.9	70	281	113.66	122.97	2.16	1.08	928

Factors from 4 PEAR Accounts, 1969
(Arranged by acres of pears)

Farm number	Orchard bearing age acres	Yield packable fruit per acre bu.	Labor	Cost	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enterprise \$
			to grow an acre hours	to grow an acre \$	Cost per bu. \$	Returns per bu. \$			
833	72.4	191	14	249	1.90	2.31	4.29	1.22	5,670
822	5.2	76	22	317	6.04	2.29	-2.08	0.39	-1,480
816	3.3	106	8	100	0.94	2.60	22.71	2.77	582
832	3.0	182	8	222	1.85	1.89	2.16	1.02	20

Annual averages all farms, weighted by acres of pears:

1969	----- Not averaged -----								
1968	----- Not averaged -----								
1967	16.8	180	18	178	1.80	2.50	4.67	1.38	2,111

Factors from 4 PRUNE Accounts, 1969
(Arranged by acres of prunes)

Farm number	Orchard bearing age acres	Yield per acre bu.	Labor	Cost	Net to grower		Return per hour of labor \$	Return per dollar of cost \$	Profit on enterprise \$
			to grow an acre hours	to grow an acre \$	Cost per bu. \$	Returns per bu. \$			
802	13.4	96	18	239	3.68	3.41	2.08	0.94	- 350
802	5.2	5	3	153	39.50	1.67	-38.68	0.04	- 908
833	3.0	57	16	262	9.00	3.76	- 0.21	0.42	- 902
822	2.9	183	20	240	2.14	2.55	4.66	1.19	218

Annual averages, all farms, weighted by acres of prunes:

1969	----- Not averaged -----								
1968	----- Not averaged -----								
1967	----- Not averaged -----								
1966	----- Not averaged -----								
1965	5.1	170	7	134	1.88	2.84	3.47	1.50	826

Factors from 2 POTATO Accounts, 1969
(Arranged by acres of potatoes)

Farm number	Potatoes grown acres	Yield	Labor	Average per acre		Cost	Return	Return	Profit
		per acre bu.	per acre hours	Cost \$	Returns \$	per bushel \$	per hour of labor \$	per dollar of cost \$	on enterprise \$
823	107.0*	290	41	429	430	1.48	2.27	1.00	128
826	47.0	311	44	520	499	1.67	1.96	0.96	-987

* Muckland

Factors from 3 SNAP BEANS FOR PROCESSING Accounts, 1969
(Arranged by acres of snap beans)

Farm number	Snap beans grown acres	Yield	Labor	Average per acre		Net cost	Labor returns		Return	Profit
		per acre pounds	per acre to grow hours	Cost \$	Returns \$	per ton \$	Per acre \$	Per hour \$	per dollar of cost \$	on enterprise \$
827	1,640.5	3,445	3	136	153	79.08	39	6.56	1.13	28,071
833	585.6	4,177	3	188	212	86.50	46	5.75	1.13	14,306
829	266.4	1,707	4	144	125	168.84	9	1.00	0.87	- 4,947

Annual averages, all farms weighted by acres of beans:

1969	-----	Not averaged	-----
1968	-----	Not averaged	-----
1967	-----	Not averaged	-----
1966	-----	Not averaged	-----
1965	-----	Not averaged	-----

Factors from VEGETABLE Accounts, 1969
(Arranged by acres of vegetables)

Farm number	Vegetable grown acres	Yield per acre tons	Labor per acre hours	Average per acre		Net cost per ton \$	Labor return		Return per dollar of cost \$	Profit on enterprise \$
				Cost \$	Returns \$		Per acre \$	Per hour \$		
<u>Cauliflower</u>										
819**	20.1	328X	111	817	950	2.48X	407	3.66	1.16	2,678
819**	8.5	605X	176	1,228	1,230	2.03X	435	2.47	1.00	16
X 12 head crates										
<u>Sweet Corn</u>										
819**	114.9	931XX	40	359	396	0.38XX	132	3.30	1.10	4,250
826**	22.0	248XX	40	278	136	1.12XX	-45	-1.13	0.49	-3,125
XX dozen ears										
<u>Lettuce</u>										
819**	24.5	932XXX	150	1,156	1,191	1.24XXX	390	2.61	1.03	858
819**	5.0	1,532XXX	532	2,264	1,637	1.48XXX	637	1.20	0.72	-3,137
XXX dozen heads										
<u>Tomatoes</u>										
829*	69.8	9.5	139	631	369	66.66	74	0.53	0.58	-18,282
819**	24.7	16.1	225	1,055	1,082	65.39	579	2.58	1.03	677
826**	2.6	1.1	185	1,056	334	946.56	-270	-1.46	0.32	-1,878

* Processing
** Fresh market

Factors from VEGETABLE Accounts, 1969
(Arranged by acres of vegetables)

Farm number	Vegetable grown acres	Yield per acre bu.	Labor per acre hours	Average per acre		Net cost per bu. \$	Labor return		Return per dollar of cost \$	Profit on enterprise \$
				Cost \$	Returns \$		Per acre \$	Per hour \$		
<u>Cabbage</u>										
819**	48.3	574	138	1,013	1,252	1.76	566	4.10	1.24	11,524
827**	26.0	749	194	1,500	1,822	2.00	991	5.11	1.22	8,385
827*	12.0	810	84	738	467	0.91	36	0.43	0.63	- 3,254
<u>Cucumbers</u>										
833*	45.0	236	98	409	270	1.73	99	1.01	0.66	- 6,260
819*	10.5	542	138	1,225	1,837	2.26	952	6.90	1.50	6,430
<u>Melons</u>										
819**	12.0	467	166	1,161	1,174	2.49	422	2.54	1.01	159
826**	2.6	115	187	827	403	7.19	33	0.17	0.49	-1,102
<u>Peas</u>										
827*	198.5	4,317X	13	200	312	0.05X	161	12.01	1.56	22,251
819**	3.2	12,450X	481	1,653	1,757	0.13X	1,287	2.67	1.06	332
X pounds										
<u>Spinach</u>										
827*	42.0	10.3XX	19	301	462	29.26XX	229	12.21	1.53	6,747
819**	28.7	324	53	373	374	1.15	131	2.48	1.00	28
XX tons										
<u>Squash</u>										
827*	21.0	909	16	456	350	0.50	47	-2.91	0.77	-2,220
819**	8.6	104	102	511	471	4.15	211	2.06	0.92	- 346
819**	1.0	1,399	1,107	4,513	3,744	3.23	1,953	1.76	0.83	- 769

* Processing
** Fresh market