### 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

#### - Contents -

|   | . rage |
|---|--------|
| Introduction                              | 1      |
| Summary of Cost Account enterprises       | 6      |
| Rates of return compared with other years | 7.     |
| Apples                                    | 9      |
| Sweet cherries                            | 13     |
| Red tart cherries                         | 17     |
| Peaches                                   | 21     |
| Other fruits                              | 214    |
| Vegetable crops                           | 26     |

#### 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<br>1969-73 | 1976   | 1977 | 1978   | Average<br>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    | J\$    | 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

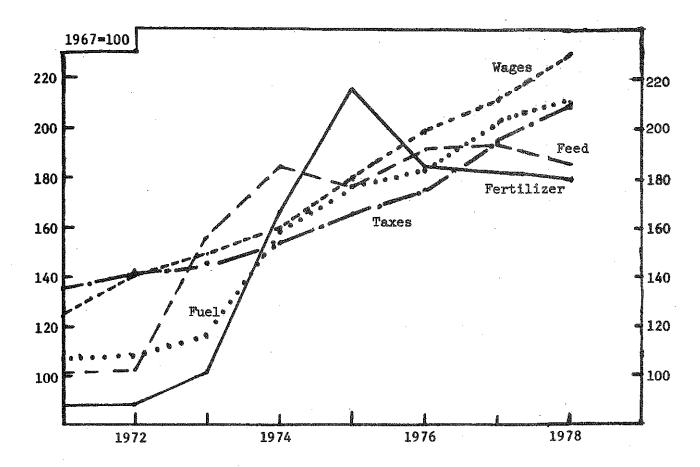
|                |         | New 1 | York             |           | J       | Jnited S | States | <del></del> |
|----------------|---------|-------|------------------|-----------|---------|----------|--------|-------------|
|                | Average |       |                  |           | Average |          |        |             |
| Fruit          | 1969-73 | 1976  | 1977             | 1978      | 1969-73 | 1976     | 1977   | 1978        |
|                |         |       | <b>600</b> 2     | - dollars | per ton |          |        |             |
| 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   | 5 <del>9</del> 0 | 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.<br>Total Production              | Acres 1976               | Harvested           | 1978          | <u>Yield</u> | per<br>1977 | Acre<br>1978 | Val.         | Value per 1 | Unit<br>1978 |
|--|---|--------------------------|---------------------|---------------|--------------|-------------|--------------|--------------|-------------|--------------|
|  | ,   | - 1,000                  | 000 acres           | 1 10          | <u> </u>     | 1.          |              | -            | \$/ton -    |              |
| Processing vegetables:   |   |                          |                     |               |              |             |              |              |             |              |
| Beans, snap  | 15  | 143                      | 43                  | 51            | T. T         | 2.2         | 2.1          | 138          | 149         | 149          |
| Beets  | 33  | 7.4                      | 3.6                 | 5.0           | 12           | 1,4         | 1,1          | 35           | 35          | 39           |
| Cabbage, kraut   | 38  | 3.9                      | 1.1                 | 0.4           | 21           | 25          | 21           | 31           | 30          | 30           |
| Sweet corn   | 4   | 21                       | 17                  | 20            | 3.9          | 5.7         | 6.4          | 745          | 917         | 7₹           |
| Peas   | CU  | 1.4                      | 5.2                 | 5.6           | <b>ተ</b>     | ۲۰۲         | դ.ւ          | 265          | 248         | 252          |
| Fresh market wegetehles.   | 6   | -                        |                     | (<br><b>Q</b> | !            | †           |              | l            | †***/*      |              |
| Beans, snap  |   | 1°L                      | 7.4                 | -             | 33           | 98          | 9            | 22,30        | 22.40       | 25.90        |
| Cabbage* - Summer  | 20  | 3.7                      | ထို                 | 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*   | m   | 1.8                      | 1,9                 | 1,9           | 350          | 310         | 300          | 7.60         | 13.10       | 7.58         |
| Cauliflower* - Summer  | mer 7   | 1.1                      | 1.2                 | 1.2           | 92           | 7.7         | 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                 | 7.0           | 340          | 420         | η50<br>γ     | भ <b>ग</b> 8 | 8.47        | 15.70        |
| Cucumbers  | ঝ   | 2.2                      | 23<br>42            | 2.5           | 115          | 115         | 105          | 11.30        | 10.70       | 11.40        |
| Lettuce  | 7   | 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                  | 21            | 65           | 47          | 63           | 7.54         | 6.12        | 69.9         |
| Tomatoes   | 1   | 2.7                      | 3.0                 | 3.0           | 115          | 93          | 110          | 18.70        | 21.20       | 20.20        |
| Source: Vegetables, 1978 Annual Summary, CRB, ESCS, 1 Includes data for both fresh market and processing | 1978 Annual Summary, C<br>both fresh market and | CRB, ESCS,<br>processing | , USDA.<br>ng crops | ñ             |              |             |              |              |             | VEGETABLES   |



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<br>tempera  | _    |         | Precipi | tation   |             | Length<br>growi |      |
|-------------|-------------------|------|---------|---------|----------|-------------|-----------------|------|
|             | May - S           | ept. | May - S | ept.    | Total An | nual        | seasc           | n#   |
|             | 1941-70           | 1978 | 1941-70 | 1978    | 1941-70  | 1978        | 1947-67         | 1978 |
|             | degre             | es   |         | inc     | hes      |             | day             | rs   |
| Albany      | 65.7              | 63.5 | 15.4    | 15.5    | 33. lı   | 33.5        | क्यंत्रक कार्य  | 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             | 1.29 |
| Glens Falls | gan ann eap saile | 63.6 | 17.8    | 22.3    | 39.3     | <b>44.0</b> |                 | 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  |

<sup>\*</sup> 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

York, 1978, Vol. 90, No. 13.

|                | Ma       |       | Ju      |         | Jul      |         | Augi     | Annual Control of the |         | ember  |
|----------------|----------|-------|---------|---------|----------|---------|----------|--|---------|--------|
| Station        | 1941-70  | 1978  | 1941-70 | 1978    | 1941-70  | 0 1978  | 1941-70  | 1978   | 1941-70 | 0 1978 |
|                |          |       |         |         | 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          | 3.52     | 1.86  | 3.55    | 4.59    | 4.17     | 3.16    | 3.54     | 2.22   | 3.32    | 4.61   |
| Source: Climat | ological | Data, | NOAA, E | nvironm | ental Da | ata Ser | vice, Ar | nnual S  | ummary, | New    |

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

|              |      |         | New York | State* |        | Cost<br>Account |
|--------------|------|---------|----------|--------|--------|-----------------|
| Item         | 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     |                 |
| Oats         | bu.  | 52      | 60       | 53     | 59     | 92<br>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<br>acres | -        | Hours<br>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              | 2.2 tn   | 5           | 3.31  | 0.94   | <del>-</del> 8  | <b>-</b> 569     |
| Hay crop silage   | 17     | 137             | 4.9 tn   | 4           | -2.52 | 0.79   | -31             | -4,290           |
| Corn silage       | 20     | 123             | 12.3 tn  | 5           | 4.46  | 0.98   | <del>-</del> 5  | -5 <del>66</del> |
| 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   | <del>-</del> 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           |
|                   |        |                 |          |             |       |        |                 |                  |

<sup>\*</sup> 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              | <b>-</b> 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   | <del>-</del> 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

|               | ITEM              | ம் என் அதை அத் அத் அத் அத் ஆத் தை கல் அதன் கில் கல் கல் கல் கல் கல் கல் கல் கல் கல் க | AVERAGE | PER          | ACRE  |
|---------------|-------------------|---|---------|--------------|-------|
| costs:        | GROWING:          |   |         |              |       |
|               | LABOR             | 26 HR   | \$ 123  |              |       |
|               | TRACT             | 26 HR   | 29      |              |       |
| •             | TRUCK             | , EQUIP, CUSTOM WORK, EQ RENT   | 49      |              |       |
|               |                   | RD OR VINEYARD OVERHEAD   |         |              |       |
|               |                   | LIZER   |         |              |       |
|               | SPRAY             | , DUST MATERIALS  | 85      |              |       |
|               | TAITED            |   | 1 1     |              |       |
|               | ALL O             | THER  | 41      |              |       |
|               | το                | TAL GROWING COSTS   |         |              | 463   |
| •             | HARVESTI          |   |         |              |       |
|               | LABOR             | 62 HR   | 351     |              |       |
| •             | $T \cap A \cap T$ | 00 TOUCK  | 35      |              |       |
|               | FOLITP            | MENT  | 70      |              |       |
|               | CLSTO             | M WORK, EQUIP RENT  | 6       |              |       |
|               | Δ11 O             | THER  | 44      |              |       |
|               |                   | TAL HARVESTING COSTS  |         |              | 506   |
|               | TO.               | TAL PRODUCTION COSTS  |         | \$           | 969   |
|               |                   | AND SELLING:  | ,       | ~            |       |
|               |                   | 3 HR  | 14      |              |       |
|               | TDACT             | OR, TRUCK, EQUIP  | 25      |              |       |
|               | 16401             | ING USE   | ĺ       |              |       |
|               |                   | T SELLING COSTS *   | 32      | •            |       |
|               | VII U             | THER  | 21      |              |       |
|               |                   | TAL STORING AND SELLING COSTS   | £       |              | 93    |
| •             |                   | STS   |         | \$           | 1,062 |
|               | •                 |   |         |              |       |
| <u>RETURN</u> | S <u>:</u>        | *****   | t 3 254 |              |       |
|               | CROP - Y          | IELD: 529 BU  |         |              |       |
|               | OTHER RE          | TURNS   | 6       | <b>+</b>     | 1 2/2 |
|               |                   | TURNS   |         | ⊅            | 1,262 |
| PROFIT        |                   |   |         | \$           | 200   |
|               |                   |   | AVE     | RAGE         |       |
| AT: (CA       |                   | ~ ^ ^ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~   | ¢       | 0.88         |       |
| UTHER         | FACIURS:          | COST PER BU TO: GROW  | Ð       | 0.96         |       |
|               |                   | HARVEST   |         | 0.90         |       |
| •             |                   | STORE AND SELL  |         | 1.94         |       |
|               |                   | NET** COST PER BU   |         | 2.32         |       |
|               |                   | NET** RETURN PER BU   |         | 0.38         |       |
|               |                   | PROFIT PER BU   |         | 0.50         | ·     |
|               | •                 | LABCR RETURN PER ACRE   | \$      | 688          |       |
| •             |                   | •   |         | ٨            | BU    |
|               |                   | PRODUCTION PER HOUR OF LABOR  |         |              |       |
|               |                   |   |         | 7 / 1        |       |
|               |                   | RETURN PER HOUR OF LABOR RETURN PER DOLLAR OF COST                                    | \$      | 7.61<br>1.19 |       |

<sup>\*</sup> ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

|        | ACRES    | AVER        |        | PROD<br>PER |               | AVER       |       |        |
|--------|----------|-------------|--------|-------------|---------------|------------|-------|--------|
| FARM   | PER      |             |        |             | C D D A M     | PERA       |       |        |
|        |          |             | ACRE   |             | SPRAY         | PROD       | TOTAL | TOTAL  |
| -NO    | ENIB     |             | LABOR* |             | <u>_CCSI_</u> | COST*      | COSI  | REIURN |
|        | AC       | BU          | HŘ     | BU          | \$            | \$         | \$    | \$     |
| 833    | 572.2    | 455         | 76     | 6           | 76            | 875        | 959   | 1,103  |
| 802    | 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      | <b>1</b> 51 | 36     | 4           | 92            | 528        | 531   | 262    |
| ANNUAL | _AVERAGE | S=_ALL_     | ENIB:_ | WEIGHIED_   | BY_ACRE       | <u>.</u> S |       |        |
| 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   | 1,253  |
| 1975   | 59.6     | 414         | 66     | 6           | 78            | 658        | 792   | 571    |
| 1974   | 57.4     | 405         | 79     | - 5         | 95            | 705        | 828   | 985    |
|        |          |             | ·<br>  |             |               |            |       |        |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

|             |            |         |          | · 40 40 40 40 40 40 40 40 40 40 40 40 40 |          |       |         | ar war with calculated |
|-------------|------------|---------|----------|--|----------|-------|---------|------------------------|
| AVE         | RAGE       |         | AVERAGE  | •  | _RETUR!  | Y_PER | PROFIT  |                        |
| PER_        | ACRE       |         | PER_BU_  |  | HOUR     | \$    | ON      |                        |
|             | LABOR      | HARV    | NEI      | **                                       | OF       | OF    | ENTER-  | FARM                   |
| PROFIL      | RETURN     | _COSI   | _COST_R  | EIUPN                                    | LABOR_   | COST  | PRISE   | NO_                    |
| \$          | \$         | \$      | \$       | \$                                       | \$       | \$    | \$      |                        |
|             |            |         |          |  |          |       |         |                        |
| 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                    |
| <b>37</b> 2 | 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    | AVERAGES = | _ALL_ED | JIR: WEI | GHIED_                                   | BY_ACRES |       |         |                        |
|             |            |         |          |  |          |       |         |                        |
| 200         | 688        | 0.96    | 1.94     | 2.32                                     | 7.61     | 1.19  | 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   | AVER          | AGE PI                                | ER ACRE              |
|--|---------------|---------------------------------------|----------------------|
| COSIS: GROWING:  LABOR 11 HR   | - 1<br>- 1    | 49<br>20<br>50<br>11<br>30<br>08<br>9 |                      |
| TOTAL GROWING COSTS HARVESTING:  LABOR 84 HR   | - 3<br>-      | 97<br>9<br>27<br>44                   | 401                  |
| ALL OTHER  | 40.           |                                       | 511<br>912           |
| LABOR 1 HR   |               | 6<br>12<br>0<br>0<br>10               | 28<br>\$ <b>94</b> 0 |
| RETURNS:  CROP - YIELD: 4,937 LB   | - \$ 1,2<br>- | 0                                     | <b>1,</b> 208        |
| PROFIL:  |               | AVERA(                                | \$ 268<br><br>GE     |
| CTHER FACTORS: COST PER LB TO: GROW HARVEST STORE AND SELL NET** COST PER LB NET** RETURN PER LB PROFIT PER LB |               | \$ 0.0<br>0.0<br>0.0<br>0.0           | 10<br>01<br>19<br>24 |
| LABOR RETURN PER ACRE  |               | \$ 72                                 |                      |
| PRODUCTION PER HOUR OF LABOR  RETURN PER HOUR OF LABOR  RETURN PER DOLLAR OF COST                              |               | \$ 7.4<br>1.2                         |                      |

<sup>\*</sup> ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

|        |          |         |         |         | و براه میکند. |          |        |         |
|--------|----------|---------|---------|---------|---------------|----------|--------|---------|
|        | ACDEC.   | ***==   |         | PRCD    |               | AVERA    |        |         |
|        | ACRES    | AVER    |         | PER     |               | PER/     | 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 | SALL    | ENIR: W | EIGHIED | BY ACRE       | <u>S</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     |
|        |          |         |         |         |               |          |        |         |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> 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     |         | <u> EBLB</u> _ |        | HOUR     | \$          | ON     |      |
|         | LABOR     | HARV    | NET            | **     | OF       | OF          | ENTER- | FARM |
| PROEII. | _REIURN   | _COSI   | _COST_R        | EIURN_ | _LABOR_  | <u>COSI</u> | PRISE_ | _NO_ |
| \$      | \$        | \$      | \$             | \$     | \$       | \$          | \$     |      |
| 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_E1 | NIB:_WEI       | GHIED_ | BY_ACRES | <u></u>     |        |      |
| 268     | 720       | 0.10    | 0.19           | 0.24   | 7.45     | 1.29        | 4,567  | 1978 |
| 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-    | 0.59        | 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

| · · · · · · · · · · · · · · · · · · · | -                                | AVERAGE   |  | ACR               |
|---------------------------------------|----------------------------------|---|--|-------------------|
| OSIS: GROWI                           | v6 :                             | हा प्रमाण क्षित्रक क्षेत्रक क्ष्माक क्षाक्र न्याक्र स्थापन स्थापन स्थापन स्थापन | Mire stellar stellar stellar stellar                                   | me eme mije emm e |
| LAI                                   | 30R 12 HR                        | \$ 56   |  |                   |
| TRA                                   | ACTOR 4 HR                       | 20  |  |                   |
| TRU                                   | JCK, EQUIP, CUSTOM WORK, EQ RENT | 40  |  |                   |
| ORO                                   | CHARD OR VINEYARD OVERHEAD       | 112   |  |                   |
| FE                                    | RTILIZER                         | 28  |  |                   |
| SPI                                   | RAY, DUST MATERIALS              | 69  |  |                   |
| INI                                   | TEREST                           | 8   |  |                   |
| ALI                                   | OTHER                            | 2.9   |  |                   |
|                                       | TOTAL GROWING COSTS              | ÷   |  | 36                |
| HARVE:                                | STING:                           | ·   |  |                   |
|                                       | BOR - 35 HR                      | 161   |  |                   |
| TR                                    | ACTOR, TRUCK                     | 11  |  |                   |
| EGI                                   | JIPMENT                          | 95  |  |                   |
| C U :                                 | STOM WORK, EQUIP RENT            | 24  |  |                   |
| ALI                                   | OTHER                            | 31  |  |                   |
|                                       | TOTAL HARVESTING COSTS           |   |  | 32                |
| •                                     | TOTAL PRODUCTION COSTS           | •   | \$   | 68                |
| STORI                                 | NG AND SELLING:                  |   |  | :                 |
| L'AI                                  | 30R 2 HR                         | 7   |  | 4                 |
| TR                                    | ACTOR, TRUCK, EQUIP              | 10  |  |                   |
| RH                                    | IIDING IISE                      | . 0   |  |                   |
| DII                                   | PECT SELLING COSTS *             | 4   |  |                   |
| · ALI                                 | OTHER                            | 80  |  |                   |
|                                       | TOTAL STORING AND SELLING COSTS  |   |  | 10                |
| TOTAL                                 | COSTS                            |   | \$   | 78                |
|                                       |                                  |   |  |                   |
|                                       |                                  |   |  |                   |
| RETORNS:                              |                                  |   |  |                   |
| <u>CROP</u>                           | - YIELD: 5,715 LB                | \$ 2,697  |  |                   |
| CROP ·                                | RETURNS                          | \$ 2,697<br>0   |  |                   |
| CROP ·                                | RETURNS                          | _   | \$   | 2,69              |
| CROP ·                                | RETURNS                          | _   | \$   | 2,69              |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | _   |  |                   |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | _   |  |                   |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          |   |  |                   |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | O<br>AVE  | \$<br>RAGE   | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | O<br>AVE  | \$<br>RAGE<br>   | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | O<br>AVE  | \$<br>RAGE<br><br>0.06   | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | O<br>AVE<br>\$  | \$<br>RAGE<br>0.06<br>0.06   | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | O<br>AVE<br>\$  | \$<br>RAGE<br>0.06<br>0.06<br>0.02<br>0.14                             | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br>0.06<br>0.06<br>0.02<br>0.14<br>0.47                     | 1,91              |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br>0.06<br>0.06<br>0.02<br>0.14                             | 1,91              |
| OTHER<br>TOTAL                        | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br>0.06<br>0.06<br>0.02<br>0.14<br>0.47                     | 1,91              |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br><br>0.06<br>0.06<br>0.02<br>0.14<br>0.47<br>0.33<br>,136 | 1,9               |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br>0.06<br>0.06<br>0.02<br>0.14<br>0.47<br>0.33             | <b>.</b> .        |
| CROP<br>OTHER<br>TOTAL                | RETURNS                          | AVE<br>\$   | \$<br>RAGE<br><br>0.06<br>0.06<br>0.02<br>0.14<br>0.47<br>0.33<br>,136 | 1,9               |

<sup>\*</sup> 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/     | ACRE  |        |
| FARM   | PER      | _PER    | ACRE                | HR OF            | SPRAY  | PROD     | TOTAL | TOTAL  |
| _NO    | ENTR_    | _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 <del>9</del> 0 | 55     | 343      | 429   | 2,687  |
| 848    | 7.5      | 9,700   | 143                 | 68               | 95     | 1,684    | 1,829 | 4,811  |
| ANNUAL | _AVERAGE | SALL_   | ENIR: _b            | 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    |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> DIRECT SELLING CCSTS DEDUCTED

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

|             |           |          | د چې چې ساد کاه داد ماد . |         |          |        |         |      |
|-------------|-----------|----------|---------------------------|---------|----------|--------|---------|------|
| AVE         | RAGE      | Į.       | VERAGE                    |         | _REIUR   | N PER  | PROFIT  |      |
| <u>PER_</u> | _ACRE     | E        | ER_LB                     |         | HOUR     | \$     | ON      |      |
|             | LABOR     | HARV     | NE                        | [*×_    | OF       | OF     | ENTER-  | FARM |
| PROEIT      | _RETURN_  | cosi     |                           | RETURN_ | _LABOR_  | _COST_ | PRISE_  | NQ_  |
| \$          | \$        | \$       | \$                        | \$      | \$       | \$     | \$      |      |
|             |           |          |                           | -       |          |        |         |      |
| 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 EN | NTB: WE                   | [GHTED_ | 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 |
| <b>3</b> 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 |
|             |           |          |                           |         | 7        |        |         |      |

### 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:                           | ~* | · · · · · · · · · · · · · · · · · · · | <u></u> <del></del> |      |
|        | LABOR 40 HR                        |    |                                       |                     |      |
|        | TRACTOR 8 HR                       |    | 43                                    |                     |      |
|        | TRUCK, EQUIP, CUSTOM WORK, EQ RENT |    |                                       |                     |      |
|        | ORCHARD OR VINEYARD OVERHEAD + + + |    |                                       |                     |      |
|        | FERTILIZER                         |    | 33                                    |                     |      |
| -      | SPRAY, DUST MATERIALS              |    | 102                                   |                     |      |
|        | INTEREST                           |    |                                       |                     |      |
|        | ALL OTHER                          |    | 14                                    |                     |      |
|        | TOTAL GROWING COSTS                |    | •                                     |                     | 564  |
|        | HARVESTING:                        |    | • • •                                 |                     |      |
|        | LABOR 42 HR                        |    | 182                                   |                     | * .  |
|        | TRACTOR, TRUCK                     |    | 15                                    | -                   |      |
|        | EQUIPMENT                          |    | 40                                    |                     |      |
|        | CUSTOM WORK, EQUIP RENT            |    | 0                                     |                     | 1 -  |
|        | ALL OTHER                          |    | 15                                    |                     | 250  |
|        | TOTAL HARVESTING COSTS             |    |                                       |                     | 2,52 |
|        | TOTAL PRODUCTION COSTS             |    |                                       | \$                  | 816  |
|        | STORING AND SELLING:               |    |                                       |                     |      |
|        | LABOR O HR                         |    | 0                                     |                     |      |
|        | TRACTOR, TRUCK, EQUIP              |    | 3                                     |                     | -    |
|        | BUILDING USE                       |    | 0                                     |                     |      |
|        | DIRECT SELLING COSTS *             |    | 1                                     |                     |      |
|        | ALL OTHER                          |    | 4                                     | -                   | _    |
|        | TOTAL STORING AND SELLING COSTS    |    |                                       |                     | 8    |
|        | TOTAL COSTS                        |    |                                       | \$                  | 824  |
|        |                                    |    |                                       |                     |      |
| REIURN |                                    |    |                                       |                     |      |
|        | Chai ireta. Os do                  |    | , ,                                   |                     |      |
|        | OTHER RETURNS                      |    | 0                                     |                     |      |
|        | TOTAL RETURNS                      |    |                                       | \$                  | 484  |
|        |                                    |    |                                       |                     | 210  |
| PROFII | •                                  |    |                                       | \$                  | 340  |
|        |                                    |    |                                       | RAGE                |      |
|        |                                    |    | AV.                                   |                     |      |
| CTUED  | FACTORS: COST PER BU TO: GROW      |    | <b>.</b>                              | 6.35                |      |
| CITER  | HARVEST                            |    | *                                     | 2.84                |      |
|        | STORE AND SELI                     |    |                                       | 0.10                |      |
|        | NET** COST PER BU                  | -  |                                       | 9.27                |      |
|        | NET** RETURN PER BU                |    |                                       | 5.43                |      |
|        | PROFIT PER BU                      |    |                                       | 3.84                | _    |
|        |                                    |    |                                       |                     |      |
|        | LABOR RETURN PER ACRE              |    | \$                                    | 21                  |      |
|        | PRODUCTION PER HOUR OF LABOR       |    |                                       | 1                   | ви   |
|        | DETIIDAL DED HOUD DE LAROD         |    | \$                                    | 0.26                | -    |
|        | RETURN PER HOUR OF LABOR           |    | ₩                                     | 0.59                |      |
|        | RETURN PER DOLLAR OF COST          |    |                                       | 11 50               |      |

<sup>\*</sup> ADVERTISING, CONTAINERS, COMMISSION, CUSTOM PACKING, STORAGE AND TRUCKING, AND EQUIPMENT RENTAL

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

| <del> </del> | ACRES   | AVER   | AGE    | PR CD<br>PER |          | AV ER |       |             |
|--------------|---------|--------|--------|--------------|----------|-------|-------|-------------|
| FARM         | PER     |        | ACRE   | HR OF        | SPRAY    |       | TOTAL | TOTAL       |
| _NO          | _ENIR_  | _YIELD | LABOR* | LABOR        | CDST_    | 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:  | WEIGHIE      | D_BY_ACR | ES    |       |             |
| 1978         | 11.2    | 89     | 82     | 1            | 102      | 816   | 824   | 484         |
| 1977         |         |        |        | NOT AVE      | RAGED    |       |       |             |
| 1976         | •       |        |        | NOT AVE      | RAGED    |       |       |             |
| 1975         | 8.8     | 118    | 89     | 1            | 74       | 663   | 683   | 758         |
| 1974         | 10.8    | 103    | 106    | . 1          | 61       | 632   | 660   | <b>6</b> 96 |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

|                  | ~          |        |         |           |        |              |        | a co |
|------------------|------------|--------|---------|-----------|--------|--------------|--------|------|
| AV E             | PAGE       |        | AVERAGE | -         | RETUR  | Y_PER        | PROFIT |      |
| PER              | ACRE       |        | PER BU  |           | HOUR   | \$           | ON     |      |
|                  | LABOR      | HARV   | NE      | [ * *     | OF     | OF           | ENTER- | FARM |
| PROEIL           | RETURN     | _COSI_ | COSI_   | SEIUBN    | LABOR_ | COST         | PRISE_ | NO_  |
| \$               | \$         | \$     | \$      | \$        | \$     | \$           | \$     | •    |
|                  |            |        |         |           |        |              |        |      |
| 251-             | 130        | 3.31   | 12.12   | 7.99      | 1.62   | 0.66         | 8,760- | 833  |
| 5 <b>7</b> 3-    | 324-       | 2.16   | 4.64    | 2,30      | 6.14-  | 0.50         | 3,730- | 822  |
| 220 <del>-</del> | 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 <b>-</b>     | 165-       | 2.54   | 16.46   | 5.00      | 1.93-  | 0.30         | 917-   | 802  |
|                  |            |        |         | •         |        |              | •      |      |
| ANNUAL A         | AVERAGES = | _ALL_E | NIR: WE | LGHTED_BY | _ACPES | <del>.</del> |        |      |
| 51.0             |            |        |         |           |        |              | 5 445  | 1070 |
| 340-             | 21         | 2.84   | 9.27    | 5.43      | 0.26   | 0.59         | 3,665- | 1978 |
|                  |            |        | NOT     | AVERAGED  |        |              |        | 1977 |
|                  |            |        | NOT     | AVERAGED  |        |              | _      | 1976 |
| 75               | 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                           | RAGE            | PROD<br>PER               |                  | AVERA              |                    |                    |
|-------------------|--------------------|--------------------------------|-----------------|---------------------------|------------------|--------------------|--------------------|--------------------|
| FARM<br>NO        | PER<br>ENTR        | YIELD                          | ACRE<br>LABOR*  | HR OF<br>LABOR            | SPRAY<br>COST    | PROD<br>COST*      | TOTAL<br>COST      | RETURN             |
|                   | AC                 | ÜN                             | HR              | UN                        |                  | \$                 | \$                 | \$                 |
| GRAPES            | •                  |                                | •               |                           |                  |                    |                    | <u>.</u>           |
| 822<br>802        | 13.4<br>11.8       | 1.3<br>4.1                     | 65<br>88        | <u>TN</u><br>0.02<br>0.05 | 14<br>57         | 623<br>974         | 652<br>1036        | 351<br>715         |
| PEARS             |                    |                                |                 |                           |                  |                    | •                  |                    |
| 833<br>822<br>802 | 48.6<br>6.9<br>5.0 | <u>BU</u><br>150<br>497<br>293 | 39<br>47<br>100 | BU<br>4<br>11<br>3        | 109<br>32<br>322 | 493<br>495<br>1279 | 526<br>578<br>1315 | 571<br>977<br>1758 |
| PRUNES            |                    |                                |                 |                           |                  |                    |                    |                    |
| 802               | 17.2               | <u>BU</u><br>76                | 30              | <u>BU</u><br>3            | 92               | 524                | 575                | 580                |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> DIRECT SELLING COSTS DEDUCTED

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

| AVERAGE<br>PER ACRE          |                    | AVERAGE<br>PER UNIT                                 |             |  | RETURN PER  |   | PROFIT<br>ON    | प्रशासक एका एको दक्का श्रीले <b>विक्र</b> |
|------------------------------|--------------------|---|-------------|--|---|---|-----------------|---|
| PROFIT                       | LABOR<br>RETURN    | HĀRV<br>COST  | Cost        | T**<br>RETURN  | of<br>Labor   | OF<br>COST                              | ENTER-<br>PRISE | FARM<br>NO                                |
| 5                            | \$                 | कू<br>हिंदि क्या क्या क्या क्या क्या क्या क्या क्या |             | 1)<br>10 mm  | ্বি<br>ক্ষুদ্রকার প্রক্রমান ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর ক্ষর | S 000 000 000 000 000 000 000 000 000 0 |                 | ත යන හැර ක්ර යන අතුමෙන්                   |
| GRAPES                       |                    |   |             |  |   |   |                 |   |
| 200                          | ~                  | <b>*</b> -^   | -3 l. PF    | THE RESERVE OF THE PARTY OF THE | 0.05  | o el.                                   | 1.025           | 900                                       |
| 300 <b>-</b><br>320 <b>-</b> | 3 <b>-</b><br>27-  | 53  | 514<br>241  | 277<br>162   | 0.05-   | 0.54<br>0.69                            | 4035-<br>3791-  | 822<br>802                                |
| 320=                         | د <del>ا =</del> . | 30  | <b>24</b> L | 102  | 0.31-   | 0.09                                    | 3171-           | 002                                       |
| PEARS                        |                    |   |             |  |   |   |                 |   |
|                              |                    |   | decur       | R BU   |   |   |                 |   |
| 45                           | 53 <del>1</del> 1  | 1.03  | 3.50        | 3.80   | 6.02  | 1.09                                    | 5188            | 833                                       |
| 399                          | 620                | 0.41  | 1.16        | 1.97   | 12.78   | 1.69                                    | 2756            | 822                                       |
| 1413                         | 926                | 1.43  | 4.49        | 6.00   | 9.30  | 1.34                                    | 2215            | 802                                       |
|                              |                    |   |             |  |   |   |                 |   |
| PRUNES                       | •                  |   |             | and the same of th |   |   |                 |   |
| 5                            | 181                | 2.60  | 6.99        | <u>R BU</u><br>7.05  | 6.12  | 1.01                                    | 75              | 802                                       |
|                              |                    |   |             |  |   |   |                 |   |

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

|               | ACRES     | AV ER AG E        |        | PROD AVERAGE PER PER ACRE |      |      |       |        |  |  |
|---------------|-----------|-------------------|--------|---------------------------|------|------|-------|--------|--|--|
| FARM          | PER       | _PER              |        | HR OF                     | GROW | HARV | TOTAL | TOTAL  |  |  |
| _NO           | ENIR      |                   | LABOR* |                           |      |      |       | REIURN |  |  |
|               | AC        | UNIT              | HR     | UNIT                      | \$   | \$   | \$    | \$     |  |  |
| DRY B         | DRY BEANS |                   |        |                           |      |      |       |        |  |  |
|               |           | <u>L B</u>        |        | <u>LB</u>                 |      |      |       |        |  |  |
| 858           | 56.0      | 970               | 4      | 247                       | 149  | 45   | 198   | 130    |  |  |
|               |           |                   |        |                           |      |      |       |        |  |  |
| SNAP          | BEANS- PR | OC                |        |                           |      |      |       |        |  |  |
|               |           | IN                |        | IN                        |      |      |       |        |  |  |
|               | 1855.5    |                   |        |                           |      |      | 238   |        |  |  |
|               | 467.5     |                   |        | 0.6                       | 200  | 65   | 292   | 421    |  |  |
| 833           | 424.8     | 1.01              | 5      | 0.3                       | 175  | 59   | 255   | 251    |  |  |
| TABLE         | BEETS     |                   |        |                           |      |      |       |        |  |  |
|               |           | IN                |        | IN .                      |      |      |       |        |  |  |
| 827           | 199.0     | 25.3              | 18     | 1.4                       | 316  | 102  | 583   | 1,072  |  |  |
| CABBA         | GE- MKT   |                   |        |                           | N.   |      |       |        |  |  |
|               |           | IN                |        | IN                        |      |      |       |        |  |  |
|               | 26.0      | 11.7              | 97     |                           | 659  | 484  | 1,814 | 1,926  |  |  |
| 833           | 15.0      | 6.7               | 68     | 0.1                       | 624  | 203  | 631   | 178    |  |  |
|               | 13.5      | 20.4              | 75     |                           | 376  | 225  | 610   |        |  |  |
| 858           | 10.0      | 27.8              | 88     | 0.3                       | 587  | 421  | 1,135 | 1,111  |  |  |
| CABBAGE- PRCC |           |                   |        |                           |      |      |       |        |  |  |
| =             |           | IN                |        | IN                        |      |      |       |        |  |  |
| 827           |           | 23.6              |        | 0.6                       | 474  | 177  |       | 752    |  |  |
| 848           | 19.0      | 24.2              | 64     | 0.4                       | 684  | 228  | 977   | 643    |  |  |
| CARROTS       |           |                   |        |                           |      |      |       |        |  |  |
| 827           | 318.0     | <u>IN</u><br>23.4 | 23     | IN<br>1.0                 | 380  | 139  | 713   | 1,035  |  |  |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> INCLUDES STORING AND SELLING COSTS

<sup>\*\*\*</sup> 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)

| AVERA      | -                 | AVERA             |  | LEETUP       |  | PROFIT          |            |
|------------|-------------------|-------------------|--|--------------|--|-----------------|------------|
| PERA       |                   | _PER_UN           |  | HOUR         | \$<br>0.5                              | ON              | CADM       |
| DDOCIT     | LABOR             | NET               | NET  | OF           |  | ENTER-<br>PRISE | FARM<br>NO |
| PRQEIL_    | \$<br>\$          | _COSIR            | \$<br>************************************ | LABOR_<br>\$ | ************************************** | <u></u> \$      |            |
| <b>⊅</b>   | 20                | 2                 | JD   | 39           |  | φ               |            |
| -          |                   |                   |  |              |  |                 |            |
| DRY BEAN   | S                 | 255               |  |              |  |                 |            |
| 68-        | 47 <del>-</del> : | PER               | 0.13                                       | 11.17-       | 0 66                                   | 3,824-          | 858        |
| 08         | <b>च</b> ा ∵      | 0 . 20            | 0.812                                      | TTOTI        | 0.00                                   | 5,02.           | 0,50       |
|            |                   |                   |  |              |  |                 | *          |
| CALAD DE A | NC DDGG           |                   |  |              |  |                 |            |
| SNAP BEA   | NS- PROC          | PER_              | TN   |              |  |                 | 1          |
| 60         | 93                | 120               | 149  | 18.18        | 1.25                                   | 110,099         | 827        |
| 129        | 176               | 106               | 153  | 32.31        |  | 60,153          | 848        |
| 4-         | 25                | 153               | 150  | 4.05         | 0.98                                   | 1,877-          | 833        |
|            |                   |                   |  |              |  |                 |            |
|            | •                 |                   |  |              |  |                 | -          |
| TABLE BE   | ETS               |                   |  |              |  |                 |            |
|            |                   | PER               |  |              |  |                 |            |
| 489        | 645               | 23                | <b>4</b> 2                                 | 27.12        | 1.84                                   | 97,239          | 827        |
|            |                   |                   |  |              |  |                 |            |
|            |                   |                   |  |              |  |                 |            |
| CABBAGE-   | MKT               |                   |  |              |  |                 |            |
| 112        | 042               | <u> </u>          | LN<br>164                                  | 7.45         | 1 06                                   | 2,897           | 827        |
| 453-       | 963<br>99-        | 155<br>95         | 27   | 1.43-        |  | 6,801-          | 833        |
| 131        | 420               | -30               | 36   | 5,56         | 1.21                                   | 1,763           | 828        |
| 24-        | 383               | 41                | 40   | 3.96         | 0.98                                   | 238-            | 858        |
|            |                   |                   |  |              |  |                 |            |
|            |                   |                   |  |              |  | •               |            |
| CABBAGE-   | - PROC            |                   |  |              |  |                 |            |
|            |                   | PER               |  |              |  |                 |            |
| 8-         | 299               | 32                | 32   |              | 0.99                                   |                 |            |
| 334-       | 125               | 40                | 27   | 1.90         | 0.66                                   | 6,335-          | 848        |
|            |                   | 1                 |  |              |  |                 |            |
|            |                   |                   |  |              |  |                 | '          |
| CAPROTS    |                   | B = B             | <b>T</b> \$ 1                              |              |  |                 |            |
| 322        | 522               | <u>PER_</u><br>30 | _IN<br>44                                  | 17.10        | 1.45                                   | 102,348         | 827        |
| 266        | 16                | υ                 |  | 11017        | ****                                   | 10295#0         | U.L. 1     |

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

|              | ACRES        | AVER             | <br>AG E            | PROD<br>PER !  |            | AVER<br>_PER |            |            |
|--------------|--------------|------------------|---------------------|----------------|------------|--------------|------------|------------|
| FARM         | PER          | _PERA            | ACRE                | HR OF          |            | HARV         | TOTAL      |            |
| _NO          | ENIB         | _YIELD_!         |                     | _LABOR         | _COSI      | _coši_       | _COSI**    |            |
|              | AC           | UNIT             | HR                  | UNIT           | \$         | \$           | \$         | <b>.</b>   |
| CUCUMI       | BERS- MKT    | <u>В</u> <u></u> |                     | <u>BU</u>      |            |              |            |            |
| 848          | 28.0         | 679              | 92                  | 7              | 329        | 676          | 1,102      | 869        |
| PEAS-        | PROC         | IN               |                     | IN             |            |              |            |            |
| 827          | 372.0        | 1.9              | 9                   | 0.2            | 198        | 94           | 329        | 449        |
| 836          | 28.8         | 2.0              | 1                   | 1.4            | 161        | 151          | 340        | 554        |
| POTAT        | DES- MKT     | CW               |                     | CM             |            |              | ÷          |            |
| 827          | 35.0         | 307              | 36                  | 9              | 752        | 317          | 1,975      | 1,159      |
| ٧            |              |                  |                     |                |            |              |            |            |
| POTAT        | CES- PRCC    | СM               |                     | CM             |            |              |            |            |
| 82 <b>7</b>  | 138.0        | 301              | 36                  | 8              | 696        | 317          | 1,239      | 1,449      |
| SWEET        | CCRN- PRI    |                  |                     |                |            |              |            |            |
| 105          |              | IN               | 2                   | IN             | 1.51       | / ***        | 1.00       | 252        |
| 105 °<br>822 | 62.0<br>41.7 | 4.0<br>3.6       | 3 <sup>.</sup><br>8 | 1 • 2<br>0 • 4 | 151<br>183 | 47<br>31     | 199<br>241 | 253<br>233 |
| 836          |              |                  |                     | 2.9            |            | 29           |            |            |
|              |              |                  |                     |                |            |              |            |            |
| SPRIN        | G SPINACH    | TN               |                     | IN             |            |              |            |            |
| 827          | 71.0         | IN<br>5.9        | 12                  | 0.5            | 300        | 33           | 367        | 416        |

<sup>\*</sup> TO GROW AND HARVEST THE CROP

<sup>\*\*</sup> INCLUDES STORING AND SELLING COSTS

<sup>\*\*\*</sup> 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 PEQEITRETURN \$ \$ | AVERAGE _PER_UNII ** NET NETCOST_BEIUE \$ \$ | SE HOUR \$ CF OF SNLABOR_COST | ON<br>ENTER-<br>PRISE | FARM<br>NO_ |
|---|--|-------------------------------|-----------------------|-------------|
| CUCUMBERS- MKT<br>233- 497              | <u>PER_BU</u><br>1.62 1.2                    | 28 5.14 0.79                  | 6,524-                | 848         |
| PEAS- PROC<br>120 189<br>214 222        |  | 2 17.86 1.36<br>0 60.03 1.63  | 44,431<br>6,168       | 827<br>836  |
| POTATOES- MKT<br>816- 309-              | <u>PER_CW</u><br>6.44 3.                     | 78 4.02- 0.59                 | 28,563-               | 827         |
| POTATOES- PROC<br>210 465               | <u>PER_CW</u><br>4.11 4.1                    | 31 11.99 1.17                 | 28,889                | 827         |
| SWEET COPN- PR  54 67 8- 33 90 102      | PER_IN<br>50 64<br>67 64                     |                               | 362-                  | 822         |
| SPRING SPINACH                          | PERIN<br>62 7                                | l 10.15 1.14                  | 3,516                 | 827         |