



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
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Agricultural  
Statistics  
Board

Washington, D.C.

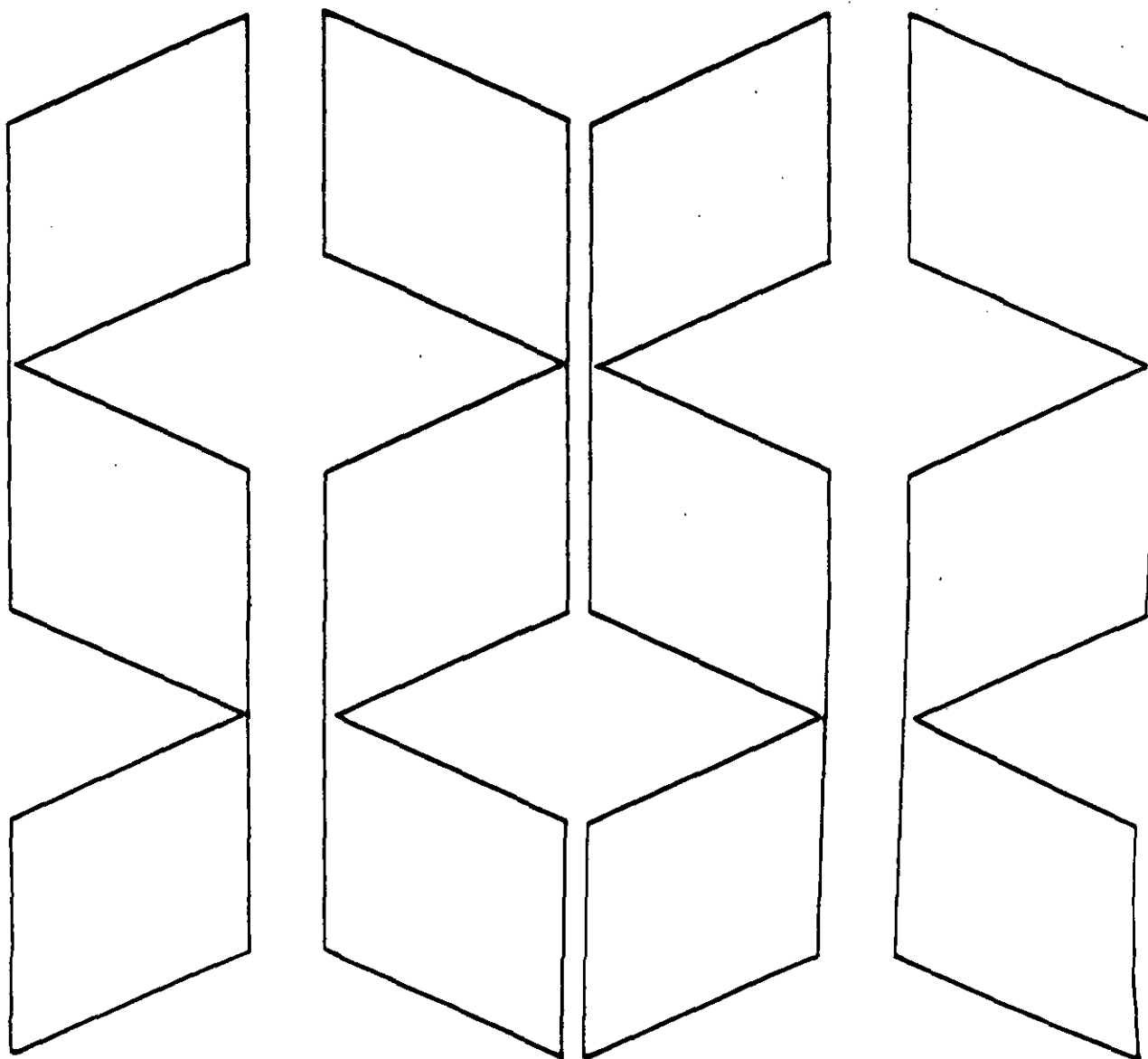


Fact Finding  
for Agriculture  
Since 1863

June 1990  
Vg 1-1(90)

# Vegetables

## 1989 Summary



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### UNITED STATES SUMMARY: ACREAGE, YIELD, PRODUCTION AND/OR VALUE

#### FRESH MARKET

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## FRESH MARKET VEGETABLES

Production of the 10 selected fresh market vegetables and melons for 1989 was 255 million cwt, up 5 percent from 1988. The crop was harvested from 1.14 million acres and had a value of 4.18 billion dollars.

Harvested acreage decreased in 1989 for asparagus, sweet corn and honeydew melons, 2, 1, and 4 percent, respectively. The acres harvested for the all other crops increased.

The value of asparagus, broccoli, honeydews and lettuce decreased. Prices declined for asparagus, broccoli, carrots, honeydews and lettuce.

## LEADING FRESH MARKET STATES

The five leading States in production of fresh vegetables and melons during 1989 in order of total output were California, Florida, Arizona, Texas, and Oregon, accounting for 79 percent of the production. California, Florida, Arizona, Michigan, and Texas accounted for 75 percent of the harvested area. California, Florida, Arizona, Texas, and Washington accounted for 81 percent of the value of the 10 fresh market vegetables and melons estimated in the United States.

### LEADING FRESH MARKET VEGETABLE STATES IN 1989

| RANK | AREA HARVESTED |                  | PRODUCTION |                  | VALUE |                  |
|------|----------------|------------------|------------|------------------|-------|------------------|
|      | STATE          | PERCENT OF TOTAL | STATE      | PERCENT OF TOTAL | STATE | PERCENT OF TOTAL |
| 1    | CALIF          | 48.2             | CALIF      | 54.2             | CALIF | 47.3             |
| 2    | FLA            | 11.8             | FLA        | 11.6             | FLA   | 22.3             |
| 3    | ARIZ           | 5.8              | ARIZ       | 5.9              | ARIZ  | 5.6              |
| 4    | MICH           | 5.0              | TEX        | 3.5              | TEX   | 3.0              |
| 5    | TEX            | 4.6              | OREG       | 3.4              | WASH  | 2.8              |

SELECTED VEGETABLES FOR FRESH MARKET  
BY CROPS, ANNUAL 1/  
(DOMESTIC UNITS)

| CROP                        | AREA PLANTED |           |           | AREA HARVESTED |           |           |
|-----------------------------|--------------|-----------|-----------|----------------|-----------|-----------|
|                             | 1987         | 1988      | 1989      | 1987           | 1988      | 1989      |
|                             | ACRES        |           |           |                |           |           |
| ASPARAGUS 2/                | 101,940      | 102,420   | 103,210   | 99,840         | 100,910   | 98,510    |
| BROCCOLI 2/                 | 122,100      | 114,600   | 117,100   | 121,700        | 114,400   | 116,800   |
| CARROTS 2/                  | 102,400      | 100,900   | 106,850   | 99,600         | 97,550    | 103,600   |
| CAULIFLOWER 2/              | 67,100       | 64,300    | 68,300    | 66,100         | 62,800    | 67,700    |
| CELERY                      | 34,840       | 35,590    | 36,780    | 33,940         | 33,980    | 35,330    |
| SWEET CORN                  | 208,600      | 203,500   | 196,100   | 194,300        | 179,100   | 176,600   |
| HONEYDEWS                   | 32,100       | 31,300    | 30,100    | 28,600         | 31,200    | 29,900    |
| LETTUCE                     | 227,620      | 243,460   | 244,860   | 224,920        | 239,760   | 242,560   |
| ONIONS                      | 129,820      | 134,290   | 137,730   | 123,720        | 128,950   | 132,560   |
| TOMATOES                    | 133,250      | 144,070   | 147,310   | 129,600        | 139,700   | 141,240   |
| 10 VEGETABLES<br>AND MELONS | 1,159,770    | 1,174,430 | 1,188,340 | 1,122,320      | 1,128,350 | 1,144,800 |
| STRAWBERRY 2/               | 46,750       | 48,170    | 46,840    | 46,120         | 47,150    | 45,600    |
|                             | PRODUCTION   |           |           | VALUE          |           |           |
|                             | 1987         | 1988      | 1989      | 1987           | 1988      | 1989      |
|                             | 1,000 CWT    |           |           | 1,000 DOLLARS  |           |           |
| ASPARAGUS 2/                | 2,347        | 2,422     | 2,495     | 135,705        | 152,108   | 149,622   |
| BROCCOLI 2/                 | 11,510       | 12,792    | 13,513    | 239,548        | 292,240   | 276,050   |
| CARROTS 2/                  | 28,720       | 27,400    | 30,938    | 248,332        | 292,849   | 317,186   |
| CAULIFLOWER 2/              | 7,375        | 7,874     | 7,846     | 187,555        | 202,113   | 203,190   |
| CELERY                      | 17,847       | 19,423    | 20,276    | 198,833        | 230,762   | 268,266   |
| SWEET CORN                  | 15,664       | 14,311    | 16,031    | 201,555        | 212,053   | 271,166   |
| HONEYDEWS                   | 4,811        | 5,241     | 5,110     | 69,293         | 75,341    | 62,082    |
| LETTUCE                     | 67,877       | 70,505    | 75,169    | 1,003,213      | 1,040,366 | 949,621   |
| ONIONS                      | 45,113       | 46,733    | 47,896    | 505,163        | 413,996   | 502,124   |
| TOMATOES                    | 32,414       | 35,855    | 35,904    | 840,859        | 965,114   | 1,183,527 |
| 10 VEGETABLES<br>AND MELONS | 233,678      | 242,556   | 255,178   | 3,630,056      | 3,876,942 | 4,182,834 |
| STRAWBERRY 2/               | 11,173       | 11,791    | 11,108    | 552,336        | 544,279   | 519,739   |

1/ INCLUDES HAWAII. 2/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS.

SELECTED VEGETABLES FOR FRESH MARKET  
BY CROPS, ANNUAL 1/  
(METRIC UNITS)

| CROP                        | AREA PLANTED |         |            | AREA HARVESTED |            |         |
|-----------------------------|--------------|---------|------------|----------------|------------|---------|
|                             | 1987         | 1988    | 1989       | 1987           | 1988       | 1989    |
|                             | HECTARES     |         |            |                |            |         |
| ASPARAGUS 2/                | 41,250       | 41,450  | 41,770     | 40,400         | 40,840     | 39,870  |
| BROCCOLI 2/                 | 49,410       | 46,380  | 47,390     | 49,250         | 46,300     | 47,270  |
| CARROTS 2/                  | 41,440       | 40,830  | 43,240     | 40,310         | 39,480     | 41,930  |
| CAULIFLOWER 2/              | 27,150       | 26,020  | 27,640     | 26,750         | 25,410     | 27,400  |
| CELERY                      | 14,100       | 14,400  | 14,880     | 13,740         | 13,750     | 14,300  |
| SWEET CORN                  | 84,420       | 82,350  | 79,360     | 78,630         | 72,480     | 71,470  |
| HONEYDEWS                   | 12,990       | 12,670  | 12,180     | 11,570         | 12,630     | 12,100  |
| LETTUCE                     | 92,120       | 98,530  | 99,090     | 91,020         | 97,030     | 98,160  |
| ONIONS                      | 52,540       | 54,350  | 55,740     | 50,070         | 52,180     | 53,650  |
| TOMATOES                    | 53,920       | 58,300  | 59,610     | 52,450         | 56,540     | 57,160  |
| 10 VEGETABLES<br>AND MELONS | 469,340      | 475,280 | 480,900    | 454,190        | 456,640    | 463,310 |
| STRAWBERRY 2/               | 18,920       | 19,490  | 18,960     | 18,660         | 19,080     | 18,450  |
|                             | PRODUCTION   |         |            |                |            |         |
|                             | 1987         |         | 1988       |                | 1989       |         |
|                             | METRIC TONS  |         |            |                |            |         |
| ASPARAGUS 2/                | 106,460      |         | 109,860    |                | 113,170    |         |
| BROCCOLI 2/                 | 522,080      |         | 580,230    |                | 612,940    |         |
| CARROTS 2/                  | 1,302,710    |         | 1,242,840  |                | 1,403,320  |         |
| CAULIFLOWER 2/              | 334,520      |         | 357,160    |                | 355,890    |         |
| CELERY                      | 809,520      |         | 881,010    |                | 919,700    |         |
| SWEET CORN                  | 710,500      |         | 649,130    |                | 727,150    |         |
| HONEYDEWS                   | 218,220      |         | 237,730    |                | 231,780    |         |
| LETTUCE                     | 3,078,830    |         | 3,198,040  |                | 3,409,590  |         |
| ONIONS                      | 2,046,280    |         | 2,119,760  |                | 2,172,510  |         |
| TOMATOES                    | 1,470,270    |         | 1,626,350  |                | 1,628,570  |         |
| 10 VEGETABLES<br>AND MELONS | 10,599,390   |         | 11,002,110 |                | 11,574,620 |         |
| STRAWBERRY 2/               | 506,800      |         | 534,830    |                | 503,850    |         |

1/ INCLUDES HAWAII. 2/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS.

SELECTED VEGETABLES FOR FRESH MARKET  
BY STATES, ANNUAL 1/

| STATE | AREA PLANTED |           |           | AREA HARVESTED |           |           |
|-------|--------------|-----------|-----------|----------------|-----------|-----------|
|       | 1987         | 1988      | 1989      | 1987           | 1988      | 1989      |
|       | ACRES        |           |           |                |           |           |
| ALA   | 10,200       | 8,200     | 7,100     | 9,000          | 6,600     | 6,000     |
| ARIZ  | 58,200       | 64,900    | 66,900    | 58,200         | 64,900    | 66,900    |
| ARK   | 1,000        | 1,100     | 1,100     | 1,000          | 1,100     | 1,000     |
| CALIF | 530,200      | 541,500   | 554,500   | 530,100        | 541,400   | 551,300   |
| COLO  | 21,400       | 22,200    | 21,300    | 20,300         | 20,800    | 20,800    |
| CONN  | 5,000        | 5,000     | 4,800     | 4,400          | 4,000     | 4,000     |
| FLA   | 142,900      | 145,900   | 149,100   | 137,300        | 139,300   | 135,600   |
| GA    | 3,000        | 3,000     | 7,600     | 2,900          | 2,900     | 7,400     |
| HAW   | 770          | 610       | 510       | 770            | 610       | 510       |
| IDAHO | 7,800        | 7,700     | 7,600     | 7,700          | 7,600     | 7,400     |
| ILL   | 5,300        | 6,820     | 6,200     | 5,000          | 5,620     | 5,900     |
| IND   | 2,400        | 1,900     | 2,000     | 2,200          | 1,500     | 1,700     |
| LA    | 400          | 410       | 400       | 370            | 380       | 340       |
| MD    | 3,140        | 2,900     | 3,010     | 2,740          | 2,690     | 2,810     |
| MASS  | 8,800        | 8,910     | 8,660     | 7,680          | 7,770     | 8,350     |
| MICH  | 62,300       | 60,800    | 61,800    | 56,200         | 53,600    | 57,100    |
| MINN  | 4,530        | 4,330     | 4,630     | 4,350          | 3,900     | 4,270     |
| N J   | 22,900       | 22,200    | 20,250    | 21,600         | 20,300    | 17,900    |
| N MEX | 8,900        | 10,200    | 9,800     | 8,300          | 9,200     | 9,500     |
| N Y   | 53,390       | 51,990    | 50,730    | 49,290         | 46,230    | 46,630    |
| N C   | 7,900        | 6,000     | 5,600     | 7,700          | 5,700     | 5,100     |
| OHIO  | 23,740       | 19,460    | 17,950    | 22,320         | 16,100    | 16,890    |
| OREG  | 24,300       | 25,000    | 25,100    | 23,900         | 24,050    | 24,500    |
| PA    | 24,800       | 26,000    | 22,700    | 22,400         | 20,600    | 21,100    |
| S C   | 3,600        | 3,800     | 3,700     | 3,600          | 3,700     | 3,600     |
| TENN  | 4,100        | 4,200     | 4,000     | 3,900          | 3,900     | 3,600     |
| TEX   | 57,000       | 55,900    | 57,300    | 49,500         | 53,100    | 53,200    |
| UTAH  | 1,800        | 1,900     | 2,000     | 1,700          | 1,800     | 1,900     |
| VA    | 5,500        | 5,300     | 5,300     | 5,200          | 5,100     | 5,000     |
| WASH  | 49,300       | 50,600    | 51,400    | 48,000         | 49,400    | 49,900    |
| WIS   | 5,200        | 5,700     | 5,300     | 4,700          | 4,500     | 4,600     |
| U S   | 1,159,770    | 1,174,430 | 1,188,340 | 1,122,320      | 1,128,350 | 1,144,800 |

SEE FOOTNOTE ON PAGE 7.

SELECTED VEGETABLES FOR FRESH MARKET  
BY STATES, ANNUAL 1/

| STATE | PRODUCTION |         |         | VALUE         |           |           |
|-------|------------|---------|---------|---------------|-----------|-----------|
|       | 1987       | 1988    | 1989    | 1987          | 1988      | 1989      |
|       | 1,000 CWT. |         |         | 1,000 DOLLARS |           |           |
| ALA   | 763        | 532     | 489     | 11,125        | 9,233     | 9,996     |
| ARIZ  | 15,582     | 15,685  | 15,134  | 211,751       | 364,087   | 234,661   |
| ARK   | 290        | 319     | 140     | 9,193         | 13,877    | 4,956     |
| CALIF | 122,436    | 128,336 | 138,291 | 1,862,302     | 1,921,921 | 1,977,956 |
| COLO  | 6,405      | 7,187   | 7,215   | 66,431        | 71,693    | 77,758    |
| CONN  | 312        | 264     | 256     | 4,711         | 5,095     | 5,888     |
| FLA   | 27,714     | 30,904  | 29,666  | 647,055       | 651,583   | 931,800   |
| GA    | 319        | 522     | 1,175   | 8,039         | 11,641    | 30,232    |
| HAW   | 140        | 115     | 88      | 4,900         | 5,033     | 4,334     |
| IDAHO | 4,620      | 4,028   | 3,996   | 37,638        | 36,645    | 39,230    |
| ILL   | 354        | 348     | 452     | 4,366         | 6,235     | 9,109     |
| IND   | 202        | 169     | 220     | 5,175         | 5,226     | 6,081     |
| LA    | 44         | 46      | 31      | 1,967         | 2,024     | 1,178     |
| MD    | 483        | 341     | 330     | 11,059        | 11,454    | 8,389     |
| MASS  | 764        | 760     | 787     | 18,221        | 17,369    | 20,700    |
| MICH  | 6,466      | 6,080   | 6,528   | 79,178        | 90,147    | 87,684    |
| MINN  | 753        | 394     | 840     | 6,453         | 4,841     | 6,132     |
| N J   | 2,153      | 1,726   | 1,443   | 32,741        | 31,721    | 30,569    |
| N MEX | 2,889      | 3,396   | 3,470   | 39,518        | 28,483    | 50,651    |
| N Y   | 7,318      | 6,437   | 7,447   | 113,618       | 105,762   | 114,288   |
| N C   | 699        | 468     | 494     | 8,937         | 7,624     | 7,707     |
| OHIO  | 2,558      | 1,585   | 2,333   | 35,272        | 23,444    | 37,854    |
| OREG  | 8,543      | 8,232   | 8,608   | 84,691        | 86,998    | 96,547    |
| PA    | 1,653      | 1,550   | 2,254   | 25,009        | 28,715    | 47,509    |
| S C   | 882        | 1,480   | 1,404   | 17,816        | 26,936    | 24,851    |
| TENN  | 702        | 702     | 504     | 16,146        | 19,656    | 12,600    |
| TEX   | 7,771      | 9,471   | 9,055   | 144,164       | 128,038   | 125,451   |
| UTAH  | 825        | 684     | 846     | 5,872         | 4,816     | 6,339     |
| VA    | 806        | 1,428   | 1,305   | 17,235        | 43,504    | 43,176    |
| WASH  | 7,146      | 7,720   | 8,321   | 85,879        | 102,060   | 117,412   |
| WIS   | 2,086      | 1,647   | 2,056   | 13,594        | 11,081    | 11,796    |
| U S   | 233,678    | 242,556 | 255,178 | 3,630,056     | 3,876,942 | 4,182,834 |

1/ INCLUDES PROCESSING TOTAL FOR DUAL USAGE CROPS (ASPARAGUS, BROCCOLI, CARROT AND CAULIFLOWER).

CELERY FOR FRESH MARKET AND PROCESSING

| STATE       | AREA PLANTED   |        |        | AREA HARVESTED |         |         |
|-------------|----------------|--------|--------|----------------|---------|---------|
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | ACRES          |        |        |                |         |         |
| CALIF-S CST | 11,400         | 11,500 | 11,800 | 11,400         | 11,500  | 11,300  |
| CALIF-C CST | 10,000         | 8,900  | 10,700 | 9,900          | 8,800   | 10,500  |
| FLA         | 9,000          | 9,200  | 8,300  | 8,600          | 8,000   | 8,000   |
| MICH        | 3,400          | 3,200  | 3,200  | 3,100          | 3,100   | 2,800   |
| N Y         | 490            | 490    | 430    | 490            | 430     | 430     |
| OHIO        | 550            | 400    | 450    | 450            | 350     | 400     |
| TEX 1/      |                | 1,900  | 1,900  |                | 1,800   | 1,900   |
| U S         | 34,840         | 35,590 | 36,780 | 33,940         | 33,980  | 35,330  |
|             | YIELD PER ACRE |        |        | PRODUCTION     |         |         |
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | CWT            |        |        | 1,000 CWT      |         |         |
| CALIF-S CST | 560            | 615    | 545    | 6,384          | 7,073   | 6,159   |
| CALIF-C CST | 635            | 705    | 805    | 6,287          | 6,204   | 8,453   |
| FLA         | 420            | 465    | 415    | 3,612          | 3,720   | 3,320   |
| MICH        | 370            | 380    | 380    | 1,147          | 1,178   | 1,064   |
| N Y         | 410            | 400    | 400    | 201            | 172     | 172     |
| OHIO        | 480            | 400    | 465    | 216            | 140     | 186     |
| TEX 1/      |                | 520    | 485    |                | 936     | 922     |
| U S         | 526            | 572    | 574    | 17,847         | 19,423  | 20,276  |
|             | VALUE          |        |        |                |         |         |
|             | PER CWT        |        |        | TOTAL          |         |         |
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | DOLLARS        |        |        | 1,000 DOLLARS  |         |         |
| CALIF-S CST | 12.10          | 11.00  | 14.60  | 77,498         | 77,646  | 89,912  |
| CALIF-C CST | 9.36           | 11.30  | 11.20  | 58,850         | 70,094  | 94,930  |
| FLA         | 12.00          | 13.40  | 15.80  | 43,344         | 49,848  | 52,456  |
| MICH        | 11.50          | 13.70  | 13.30  | 13,142         | 16,142  | 14,103  |
| N Y         | 17.70          | 21.10  | 18.40  | 3,558          | 3,629   | 3,165   |
| OHIO        | 11.30          | 13.50  | 11.20  | 2,441          | 1,890   | 2,083   |
| TEX 1/      |                | 12.30  | 12.60  |                | 11,513  | 11,617  |
| U S         | 11.10          | 11.90  | 13.20  | 198,833        | 230,762 | 268,266 |

1/ ESTIMATES BEGIN WITH 1988 CROP.



SWEET CORN FOR FRESH MARKET

| STATE | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|-------|----------------|---------|---------|----------------|---------|---------|
|       | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|       | ACRES          |         |         |                |         |         |
| ALA   | 6,000          | 4,500   | 3,900   | 5,500          | 3,500   | 3,300   |
| CALIF | 16,000         | 18,000  | 17,500  | 16,000         | 18,000  | 17,500  |
| COLO  | 3,600          | 3,700   | 3,300   | 3,500          | 3,600   | 3,000   |
| CONN  | 5,000          | 5,000   | 4,800   | 4,400          | 4,000   | 4,000   |
| FLA   | 55,800         | 57,100  | 60,200  | 52,000         | 53,100  | 49,700  |
| ILL   | 4,600          | 6,000   | 5,400   | 4,300          | 4,800   | 5,100   |
| MASS  | 8,200          | 8,300   | 8,000   | 7,100          | 7,200   | 7,800   |
| MICH  | 13,300         | 12,500  | 13,000  | 11,500         | 9,000   | 11,800  |
| N J   | 12,000         | 11,500  | 10,000  | 11,300         | 10,000  | 8,600   |
| N Y   | 29,200         | 27,800  | 26,100  | 27,200         | 24,800  | 24,800  |
| N C   | 6,200          | 4,400   | 4,000   | 6,100          | 4,300   | 3,800   |
| OHIO  | 16,500         | 12,800  | 11,500  | 16,000         | 10,500  | 10,700  |
| OREG  | 2,500          | 2,400   | 2,600   | 2,400          | 2,300   | 2,400   |
| PA    | 19,700         | 20,900  | 18,600  | 17,400         | 15,700  | 17,100  |
| TEX   | 4,200          | 3,100   | 2,600   | 4,000          | 3,000   | 2,500   |
| VA    | 2,600          | 2,300   | 2,100   | 2,400          | 2,100   | 2,000   |
| WASH  | 3,200          | 3,200   | 2,500   | 3,200          | 3,200   | 2,500   |
| U S   | 208,600        | 203,500 | 196,100 | 194,300        | 179,100 | 176,600 |
|       | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|       | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|       | CWT            |         |         | 1,000 CWT      |         |         |
| ALA   | 75             | 50      | 50      | 413            | 175     | 165     |
| CALIF | 95             | 90      | 115     | 1,520          | 1,620   | 2,013   |
| COLO  | 135            | 140     | 145     | 473            | 504     | 435     |
| CONN  | 71             | 66      | 64      | 312            | 264     | 256     |
| FLA   | 90             | 97      | 105     | 4,680          | 5,151   | 5,219   |
| ILL   | 80             | 70      | 86      | 344            | 336     | 439     |
| MASS  | 90             | 91      | 85      | 639            | 655     | 663     |
| MICH  | 62             | 60      | 68      | 713            | 540     | 802     |
| N J   | 80             | 62      | 62      | 904            | 620     | 533     |
| N Y   | 77             | 70      | 80      | 2,094          | 1,736   | 1,984   |
| N C   | 70             | 60      | 65      | 427            | 258     | 247     |
| OHIO  | 80             | 55      | 85      | 1,280          | 578     | 910     |
| OREG  | 115            | 120     | 115     | 276            | 276     | 276     |
| PA    | 49             | 55      | 85      | 853            | 864     | 1,454   |
| TEX   | 50             | 50      | 50      | 200            | 150     | 125     |
| VA    | 50             | 80      | 105     | 120            | 168     | 210     |
| WASH  | 130            | 130     | 120     | 416            | 416     | 300     |
| U S   | 81             | 80      | 91      | 15,664         | 14,311  | 16,031  |

SWEET CORN FOR FRESH MARKET

| STATE | VALUE   |       |       |               |         |         |  |
|-------|---------|-------|-------|---------------|---------|---------|--|
|       | PER CWT |       |       | TOTAL         |         |         |  |
|       | 1987    | 1988  | 1989  | 1987          | 1988    | 1989    |  |
|       | DOLLARS |       |       | 1,000 DOLLARS |         |         |  |
| ALA   | 12.70   | 14.00 | 16.40 | 5,245         | 2,450   | 2,706   |  |
| CALIF | 13.30   | 15.10 | 16.10 | 20,216        | 24,462  | 32,409  |  |
| COLO  | 8.85    | 9.40  | 12.40 | 4,186         | 4,738   | 5,394   |  |
| CONN  | 15.10   | 19.30 | 23.00 | 4,711         | 5,095   | 5,888   |  |
| FLA   | 14.00   | 14.10 | 16.90 | 65,520        | 72,629  | 88,201  |  |
| ILL   | 10.60   | 16.10 | 18.70 | 3,646         | 5,410   | 8,209   |  |
| MASS  | 15.80   | 17.70 | 20.00 | 10,096        | 11,594  | 13,260  |  |
| MICH  | 10.20   | 16.90 | 17.50 | 7,273         | 9,126   | 14,035  |  |
| N J   | 13.50   | 16.70 | 17.80 | 12,204        | 10,354  | 9,487   |  |
| N Y   | 10.40   | 14.30 | 15.10 | 21,778        | 24,825  | 29,958  |  |
| N C   | 9.59    | 12.70 | 15.80 | 4,095         | 3,277   | 3,903   |  |
| OHIO  | 13.00   | 11.60 | 14.10 | 16,640        | 6,705   | 12,831  |  |
| OREG  | 18.20   | 22.40 | 20.40 | 5,023         | 6,182   | 5,630   |  |
| PA    | 14.50   | 16.80 | 20.90 | 12,369        | 14,515  | 30,389  |  |
| TEX   | 12.00   | 14.00 | 13.90 | 2,400         | 2,100   | 1,738   |  |
| VA    | 19.00   | 18.20 | 15.80 | 2,280         | 3,058   | 3,318   |  |
| WASH  | 9.31    | 13.30 | 12.70 | 3,873         | 5,533   | 3,810   |  |
| U S   | 12.90   | 14.80 | 16.90 | 201,555       | 212,053 | 271,166 |  |

# HONEYDEW FOR FRESH MARKET

| STATE | AREA PLANTED   |        |        | AREA HARVESTED |        |        |
|-------|----------------|--------|--------|----------------|--------|--------|
|       | 1987           | 1988   | 1989   | 1987           | 1988   | 1989   |
|       | ACRES          |        |        |                |        |        |
| ARIZ  | 3,400          | 2,400  | 2,100  | 3,400          | 2,400  | 2,100  |
| CALIF | 20,600         | 21,300 | 21,300 | 20,600         | 21,300 | 21,300 |
| TEX   | 8,100          | 7,600  | 6,700  | 4,600          | 7,500  | 6,500  |
| U S   | 32,100         | 31,300 | 30,100 | 28,600         | 31,200 | 29,900 |
|       | YIELD PER ACRE |        |        | PRODUCTION     |        |        |
|       | 1987           | 1988   | 1989   | 1987           | 1988   | 1989   |
|       | CWT            |        |        | 1,000 CWT      |        |        |
| ARIZ  | 135            | 175    | 150    | 459            | 420    | 315    |
| CALIF | 180            | 170    | 190    | 3,708          | 3,621  | 4,047  |
| TEX   | 140            | 160    | 115    | 644            | 1,200  | 748    |
| U S   | 168            | 168    | 171    | 4,811          | 5,241  | 5,110  |
|       | VALUE          |        |        |                |        |        |
|       | PER CWT        |        |        | TOTAL          |        |        |
|       | 1987           | 1988   | 1989   | 1987           | 1988   | 1989   |
|       | DOLLARS        |        |        | 1,000 DOLLARS  |        |        |
| ARIZ  | 11.90          | 17.30  | 12.00  | 5,462          | 7,266  | 3,780  |
| CALIF | 11.90          | 13.10  | 11.80  | 44,125         | 47,435 | 47,755 |
| TEX   | 30.60          | 17.20  | 14.10  | 19,706         | 20,640 | 10,547 |
| U S   | 14.40          | 14.40  | 12.10  | 69,293         | 75,341 | 62,082 |

# LETTUCE FOR FRESH MARKET

| STATE        | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|--------------|----------------|---------|---------|----------------|---------|---------|
|              | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|              | ACRES          |         |         |                |         |         |
| ARIZ-WESTERN | 35,200         | 42,000  | 44,500  | 35,200         | 42,000  | 44,500  |
| ARIZ-OTHER   | 5,700          | 7,000   | 5,700   | 5,700          | 7,000   | 5,700   |
| CALIF        | 157,100        | 166,700 | 168,400 | 157,100        | 166,700 | 168,400 |
| COLO         | 3,200          | 3,300   | 2,600   | 3,000          | 2,300   | 2,600   |
| FLA          | 9,900          | 8,500   | 9,100   | 9,300          | 8,000   | 8,300   |
| MICH         | 1,400          | 1,300   | 1,300   | 1,000          | 800     | 1,100   |
| N J          | 2,800          | 2,800   | 2,500   | 2,600          | 2,600   | 2,100   |
| N MEX        | 3,300          | 3,400   | 2,300   | 2,900          | 2,800   | 2,000   |
| N Y          | 3,600          | 3,100   | 2,700   | 3,400          | 2,600   | 2,400   |
| OHIO         | 1,300          | 1,600   | 1,500   | 1,000          | 1,400   | 1,400   |
| TEX          | 2,400          | 2,000   | 2,600   | 2,000          | 1,800   | 2,400   |
| WASH         | 1,200          | 1,400   | 1,400   | 1,200          | 1,400   | 1,400   |
| TOTAL        | 227,100        | 243,100 | 244,600 | 224,400        | 239,400 | 242,300 |
| HAWAII       | 520            | 360     | 260     | 520            | 360     | 260     |
| U S          | 227,620        | 243,460 | 244,860 | 224,920        | 239,760 | 242,560 |
|              | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|              | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|              | CWT            |         |         | 1,000 CWT      |         |         |
| ARIZ-WESTERN | 330            | 285     | 265     | 11,616         | 11,970  | 11,793  |
| ARIZ-OTHER   | 235            | 225     | 180     | 1,340          | 1,575   | 1,026   |
| CALIF        | 315            | 310     | 340     | 49,487         | 51,677  | 57,256  |
| COLO         | 265            | 280     | 280     | 795            | 644     | 728     |
| FLA          | 190            | 250     | 220     | 1,767          | 2,000   | 1,826   |
| MICH         | 215            | 175     | 190     | 215            | 140     | 209     |
| N J          | 140            | 170     | 140     | 364            | 442     | 294     |
| N MEX        | 270            | 230     | 235     | 783            | 644     | 470     |
| N Y          | 200            | 180     | 205     | 680            | 468     | 492     |
| OHIO         | 130            | 120     | 120     | 130            | 168     | 168     |
| TEX          | 195            | 220     | 195     | 390            | 396     | 468     |
| WASH         | 200            | 240     | 290     | 240            | 336     | 406     |
| TOTAL        | 302            | 294     | 310     | 67,807         | 70,460  | 75,136  |
| HAWAII       | 135            | 125     | 125     | 70             | 45      | 33      |
| U S          | 302            | 294     | 310     | 67,877         | 70,505  | 75,169  |

# LETTUCE FOR FRESH MARKET

| STATE        | VALUE         |       |       |           |           |         |
|--------------|---------------|-------|-------|-----------|-----------|---------|
|              | PER CWT       |       |       | TOTAL     |           |         |
|              | 1987          | 1988  | 1989  | 1987      | 1988      | 1989    |
|              | 1,000 DOLLARS |       |       |           |           |         |
|              | DOLLARS       |       |       |           |           |         |
| ARIZ-WESTERN | 11.50         | 25.40 | 15.20 | 133,584   | 304,038   | 179,254 |
| ARIZ-OTHER   | 19.60         | 11.00 | 10.60 | 26,264    | 17,325    | 10,876  |
| CALIF        | 15.10         | 12.20 | 11.70 | 747,254   | 630,459   | 669,895 |
| COLO         | 17.40         | 10.70 | 13.10 | 13,833    | 6,891     | 9,537   |
| FLA          | 21.10         | 20.30 | 19.80 | 37,284    | 40,600    | 36,155  |
| MICH         | 20.20         | 18.90 | 20.40 | 4,343     | 2,646     | 4,264   |
| N J          | 13.30         | 11.60 | 15.40 | 4,841     | 5,127     | 4,528   |
| N MEX        | 11.20         | 7.82  | 13.30 | 8,770     | 5,036     | 6,251   |
| N Y          | 14.90         | 14.60 | 14.50 | 10,132    | 6,833     | 7,134   |
| OHIO         | 44.30         | 35.00 | 28.20 | 5,759     | 5,880     | 4,738   |
| TEX          | 14.50         | 22.10 | 16.20 | 5,655     | 8,752     | 7,582   |
| WASH         | 14.90         | 15.30 | 20.00 | 3,576     | 5,141     | 8,120   |
| TOTAL        | 14.80         | 14.70 | 12.60 | 1,001,295 | 1,038,728 | 948,334 |
| HAWAII       | 27.40         | 36.40 | 39.00 | 1,918     | 1,638     | 1,287   |
| U S          | 14.80         | 14.80 | 12.60 | 1,003,213 | 1,040,366 | 949,621 |

# ONIONS

| STATE<br>AND<br>SEASON | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|------------------------|----------------|---------|---------|----------------|---------|---------|
|                        | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                        | ACRES          |         |         |                |         |         |
| SPRING                 |                |         |         |                |         |         |
| ARIZ                   | 1,300          | 1,200   | 1,000   | 1,300          | 1,200   | 1,000   |
| CALIF                  | 8,200          | 8,500   | 7,700   | 8,200          | 8,500   | 7,700   |
| GA 1/                  |                |         | 4,800   |                |         | 4,700   |
| TEX                    | 13,800         | 14,500  | 16,200  | 12,500         | 14,000  | 15,000  |
| TOTAL                  | 23,300         | 24,200  | 29,700  | 22,000         | 23,700  | 28,400  |
| SUMMER                 |                |         |         |                |         |         |
| NON-STORAGE            |                |         |         |                |         |         |
| N MEX                  | 5,600          | 6,800   | 7,500   | 5,400          | 6,400   | 7,500   |
| TEX                    | 5,900          | 5,100   | 4,200   | 4,700          | 4,100   | 4,000   |
| WASH                   | 1,700          | 1,800   | 1,700   | 1,400          | 1,600   | 1,500   |
| TOTAL                  | 13,200         | 13,700  | 13,400  | 11,500         | 12,100  | 13,000  |
| STORAGE 2/             |                |         |         |                |         |         |
| COLO                   | 13,300         | 13,800  | 14,000  | 12,500         | 13,500  | 13,800  |
| IDAHO                  | 7,800          | 7,700   | 7,600   | 7,700          | 7,600   | 7,400   |
| MICH                   | 8,000          | 8,500   | 8,200   | 7,600          | 8,000   | 7,900   |
| MINN                   | 730            | 730     | 730     | 650            | 600     | 670     |
| N Y                    | 12,900         | 13,200  | 13,200  | 11,600         | 11,700  | 11,200  |
| OHIO                   | 490            | 560     | 500     | 470            | 550     | 490     |
| OREG-MALHEUR           | 9,300          | 10,300  | 10,000  | 9,200          | 10,100  | 9,800   |
| OREG-WEST              | 3,600          | 3,700   | 3,500   | 3,600          | 3,600   | 3,500   |
| UTAH                   | 1,800          | 1,900   | 2,000   | 1,700          | 1,800   | 1,900   |
| WASH                   | 5,000          | 5,600   | 6,500   | 5,000          | 5,600   | 6,200   |
| WIS                    | 1,400          | 1,600   | 1,400   | 1,200          | 1,300   | 1,300   |
| TOTAL                  | 64,320         | 67,590  | 67,630  | 61,220         | 64,350  | 64,160  |
| CALIF 3/               | 29,000         | 28,800  | 27,000  | 29,000         | 28,800  | 27,000  |
| SUMMER                 | 106,520        | 110,090 | 108,030 | 101,720        | 105,250 | 104,160 |
| U S                    | 129,820        | 134,290 | 137,730 | 123,720        | 128,950 | 132,560 |
|                        | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|                        | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                        | CWT            |         |         | 1,000 CWT      |         |         |
| SPRING                 |                |         |         |                |         |         |
| ARIZ                   | 450            | 375     | 440     | 585            | 450     | 440     |
| CALIF                  | 390            | 390     | 400     | 3,198          | 3,315   | 3,080   |
| GA 1/                  |                |         | 135     |                |         | 635     |
| TEX                    | 220            | 230     | 215     | 2,750          | 3,220   | 3,225   |
| TOTAL                  | 297            | 295     | 260     | 6,533          | 6,985   | 7,380   |
| SUMMER                 |                |         |         |                |         |         |
| NON-STORAGE            |                |         |         |                |         |         |
| N MEX                  | 390            | 430     | 400     | 2,106          | 2,752   | 3,000   |
| TEX                    | 170            | 210     | 260     | 799            | 861     | 1,040   |
| WASH                   | 380            | 400     | 350     | 532            | 640     | 525     |
| TOTAL                  | 299            | 351     | 351     | 3,437          | 4,253   | 4,565   |
| STORAGE 2/             |                |         |         |                |         |         |
| COLO                   | 375            | 410     | 400     | 4,688          | 5,535   | 5,520   |
| IDAHO                  | 600            | 530     | 540     | 4,620          | 4,028   | 3,996   |
| MICH                   | 250            | 250     | 280     | 1,900          | 2,000   | 2,212   |
| MINN                   | 300            | 210     | 240     | 195            | 126     | 161     |
| N Y                    | 280            | 250     | 260     | 3,248          | 2,925   | 2,912   |
| OHIO                   | 295            | 300     | 390     | 139            | 165     | 191     |
| OREG-MALHEUR           | 600            | 530     | 540     | 5,520          | 5,353   | 5,292   |
| OREG-WEST              | 420            | 360     | 405     | 1,512          | 1,296   | 1,418   |
| UTAH                   | 485            | 380     | 445     | 825            | 684     | 846     |
| WASH                   | 460            | 450     | 450     | 2,300          | 2,520   | 2,790   |
| WIS                    | 280            | 270     | 375     | 336            | 351     | 488     |
| TOTAL                  | 413            | 388     | 403     | 25,283         | 24,983  | 25,826  |
| CALIF 3/               | 340            | 365     | 375     | 9,860          | 10,512  | 10,125  |
| SUMMER                 | 379            | 378     | 389     | 38,580         | 39,748  | 40,516  |
| U S                    | 365            | 362     | 361     | 45,113         | 46,733  | 47,896  |

SEE FOOTNOTES ON PAGE 15.

# ONIONS

| STATE<br>AND<br>SEASON | VALUE   |       |       |               |         |         |
|------------------------|---------|-------|-------|---------------|---------|---------|
|                        | PER CWT |       |       | TOTAL         |         |         |
|                        | 1987    | 1988  | 1989  | 1987          | 1988    | 1989    |
|                        | DOLLARS |       |       | 1,000 DOLLARS |         |         |
| SPRING                 |         |       |       |               |         |         |
| ARIZ                   | 20.50   | 7.55  | 8.90  | 11,993        | 3,398   | 3,916   |
| CALIF                  | 17.50   | 9.71  | 11.30 | 55,965        | 32,189  | 34,804  |
| GA 1/                  |         |       | 27.20 |               |         | 17,272  |
| TEX                    | 25.30   | 12.00 | 10.70 | 69,575        | 38,640  | 34,508  |
| TOTAL                  | 21.10   | 10.60 | 12.30 | 137,533       | 74,227  | 90,500  |
| SUMMER                 |         |       |       |               |         |         |
| NON-STORAGE            |         |       |       |               |         |         |
| N MEX                  | 14.60   | 8.52  | 14.80 | 30,748        | 23,447  | 44,400  |
| TEX                    | 10.40   | 11.40 | 18.30 | 8,310         | 9,815   | 19,032  |
| WASH                   | 12.90   | 10.70 | 17.80 | 6,863         | 6,848   | 9,345   |
| TOTAL                  | 13.40   | 9.43  | 15.90 | 45,921        | 40,110  | 72,777  |
| STORAGE 2/             |         |       |       |               |         |         |
| COLO                   | 11.50   | 12.30 | 12.90 | 45,000        | 55,830  | 58,385  |
| IDAHO                  | 10.20   | 10.50 | 11.70 | 37,638        | 36,645  | 39,230  |
| MICH                   | 12.70   | 11.00 | 10.70 | 18,898        | 16,962  | 17,773  |
| MINN                   | 10.50   | 9.58  | 7.25  | 1,838         | 1,054   | 1,030   |
| N Y                    | 19.10   | 16.50 | 16.50 | 52,980        | 40,505  | 41,823  |
| OHIO                   | 15.10   | 16.00 | 14.40 | 1,797         | 2,368   | 2,419   |
| OREG-MALHEUR           | 10.20   | 10.50 | 11.70 | 44,962        | 48,699  | 51,948  |
| OREG-WEST              | 13.20   | 10.70 | 12.80 | 16,315        | 11,235  | 15,104  |
| UTAH                   | 8.27    | 8.26  | 8.33  | 5,872         | 4,816   | 6,339   |
| WASH                   | 10.60   | 9.40  | 11.20 | 20,479        | 19,928  | 26,656  |
| WIS                    | 10.30   | 10.70 | 7.29  | 3,090         | 3,424   | 3,273   |
| TOTAL                  | 12.00   | 11.50 | 12.20 | 248,869       | 241,466 | 263,980 |
| CALIF 3/               | 7.64    | 5.69  | 7.54  | 72,840        | 58,193  | 74,867  |
| SUMMER                 | 10.90   | 9.58  | 11.40 | 367,630       | 339,769 | 411,624 |
| U S                    | 12.50   | 9.75  | 11.60 | 505,163       | 413,996 | 502,124 |

## ONIONS: SUMMER STORAGE ONIONS, SHRINKAGE AND LOSS

| STATE        | 1987      | 1988  | 1989  |
|--------------|-----------|-------|-------|
|              | 1,000 CWT |       |       |
| COLO         | 775       | 996   | 994   |
| IDAHO        | 930       | 538   | 643   |
| MICH         | 412       | 458   | 551   |
| MINN         | 20        | 16    | 19    |
| N Y          | 474       | 474   | 379   |
| OHIO         | 20        | 17    | 23    |
| OREG-MALHEUR | 1,112     | 715   | 852   |
| OREG-WEST    | 276       | 246   | 238   |
| UTAH         | 115       | 101   | 85    |
| WASH         | 368       | 400   | 410   |
| WIS          | 36        | 31    | 39    |
| SUBTOTAL     | 4,538     | 3,992 | 4,233 |
| CALIF 3/     | 320       | 280   | 200   |
| U S          | 4,858     | 4,272 | 4,433 |

1/ ESTIMATES BEGIN WITH 1989 CROP. 2/ INCLUDES SOME QUANTITIES OF STORAGE CROP ONIONS HARVESTED BUT NOT SOLD BECAUSE OF SHRINKAGE AND WASTE. 3/ SUMMER PRIMARILY PROCESSING.

TOMATOES FOR FRESH MARKET

| STATE  | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|--------|----------------|---------|---------|----------------|---------|---------|
|        | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|        | ACRES          |         |         |                |         |         |
| ALA    | 4,200          | 3,700   | 3,200   | 3,500          | 3,100   | 2,700   |
| ARK    | 1,000          | 1,100   | 1,100   | 1,000          | 1,100   | 1,000   |
| CALIF  | 29,500         | 37,500  | 38,400  | 29,500         | 37,500  | 38,400  |
| FLA    | 55,600         | 58,400  | 61,800  | 55,300         | 58,000  | 60,200  |
| GA     | 3,000          | 3,000   | 2,800   | 2,900          | 2,900   | 2,700   |
| IND    | 1,400          | 1,500   | 1,700   | 1,200          | 1,100   | 1,400   |
| LA     | 400            | 410     | 400     | 370            | 380     | 340     |
| MD     | 3,000          | 2,700   | 2,800   | 2,600          | 2,500   | 2,600   |
| MASS   | 600            | 610     | 660     | 580            | 570     | 550     |
| MICH   | 3,300          | 3,100   | 2,800   | 2,800          | 2,400   | 2,500   |
| N J    | 5,400          | 5,400   | 5,400   | 5,100          | 5,200   | 5,100   |
| N Y    | 2,500          | 2,500   | 2,600   | 2,300          | 2,400   | 2,500   |
| N C    | 1,700          | 1,600   | 1,600   | 1,600          | 1,400   | 1,300   |
| OHIO   | 2,900          | 2,900   | 2,800   | 2,700          | 2,200   | 2,700   |
| PA     | 5,100          | 5,100   | 4,100   | 5,000          | 4,900   | 4,000   |
| S C    | 3,600          | 3,800   | 3,700   | 3,600          | 3,700   | 3,600   |
| TENN   | 4,100          | 4,200   | 4,000   | 3,900          | 3,900   | 3,600   |
| TEX    | 2,800          | 3,300   | 4,000   | 2,600          | 3,200   | 2,800   |
| VA     | 2,900          | 3,000   | 3,200   | 2,800          | 3,000   | 3,000   |
| TOTAL  | 133,000        | 143,820 | 147,060 | 129,350        | 139,450 | 140,990 |
| HAWAII | 250            | 250     | 250     | 250            | 250     | 250     |
| U S    | 133,250        | 144,070 | 147,310 | 129,600        | 139,700 | 141,240 |
|        | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|        | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|        | CWT            |         |         | 1,000 CWT      |         |         |
| ALA    | 100            | 115     | 120     | 350            | 357     | 324     |
| ARK    | 290            | 290     | 140     | 290            | 319     | 140     |
| CALIF  | 300            | 245     | 260     | 8,850          | 9,188   | 9,984   |
| FLA    | 300            | 325     | 305     | 16,590         | 18,850  | 18,361  |
| GA     | 110            | 180     | 200     | 319            | 522     | 540     |
| IND    | 160            | 150     | 155     | 192            | 165     | 217     |
| LA     | 120            | 120     | 90      | 44             | 46      | 31      |
| MD     | 185            | 135     | 125     | 481            | 338     | 325     |
| MASS   | 215            | 185     | 225     | 125            | 105     | 124     |
| MICH   | 90             | 85      | 100     | 252            | 204     | 250     |
| N J    | 95             | 78      | 85      | 485            | 406     | 434     |
| N Y    | 150            | 160     | 170     | 345            | 384     | 425     |
| N C    | 170            | 150     | 190     | 272            | 210     | 247     |
| OHIO   | 155            | 125     | 145     | 419            | 275     | 392     |
| PA     | 160            | 140     | 200     | 800            | 686     | 800     |
| S C    | 245            | 400     | 390     | 882            | 1,480   | 1,404   |
| TENN   | 180            | 180     | 140     | 702            | 702     | 504     |
| TEX    | 100            | 90      | 90      | 260            | 288     | 252     |
| VA     | 245            | 420     | 365     | 686            | 1,260   | 1,095   |
| TOTAL  | 250            | 257     | 254     | 32,344         | 35,785  | 35,849  |
| HAWAII | 280            | 280     | 220     | 70             | 70      | 55      |
| U S    | 250            | 257     | 254     | 32,414         | 35,855  | 35,904  |



TOMATOES FOR FRESH MARKET

| STATE  | : | VALUE   |   |       |   |               |   |         |   |         |   |           |
|--------|---|---------|---|-------|---|---------------|---|---------|---|---------|---|-----------|
|        | : | PER CWT |   |       | : | TOTAL         |   |         |   |         |   |           |
|        | : | 1987    | : | 1988  | : | 1989          | : | 1987    | : | 1988    | : | 1989      |
|        | : | DOLLARS |   |       | : | 1,000 DOLLARS |   |         | : |         |   |           |
| ALA    | : | 16.80   |   | 19.00 |   | 22.50         |   | 5,880   |   | 6,783   |   | 7,290     |
| ARK    | : | 31.70   |   | 43.50 |   | 35.40         |   | 9,193   |   | 13,877  |   | 4,956     |
| CALIF  | : | 21.50   |   | 29.90 |   | 24.00         |   | 190,275 |   | 274,721 |   | 239,616   |
| FLA    | : | 29.50   |   | 25.20 |   | 40.30         |   | 489,405 |   | 475,020 |   | 739,948   |
| GA     | : | 25.20   |   | 22.30 |   | 24.00         |   | 8,039   |   | 11,641  |   | 12,960    |
| IND    | : | 23.50   |   | 30.00 |   | 27.00         |   | 4,512   |   | 4,950   |   | 5,859     |
| LA     | : | 44.70   |   | 44.00 |   | 38.00         |   | 1,967   |   | 2,024   |   | 1,178     |
| MD     | : | 22.70   |   | 33.00 |   | 24.60         |   | 10,919  |   | 11,154  |   | 7,995     |
| MASS   | : | 65.00   |   | 55.00 |   | 60.00         |   | 8,125   |   | 5,775   |   | 7,440     |
| MICH   | : | 20.30   |   | 34.00 |   | 25.20         |   | 5,116   |   | 6,936   |   | 6,300     |
| N J    | : | 25.70   |   | 32.50 |   | 31.00         |   | 12,465  |   | 13,195  |   | 13,454    |
| N Y    | : | 32.80   |   | 45.40 |   | 37.70         |   | 11,316  |   | 17,434  |   | 16,023    |
| N C    | : | 17.80   |   | 20.70 |   | 15.40         |   | 4,842   |   | 4,347   |   | 3,804     |
| OHIO   | : | 18.10   |   | 21.40 |   | 36.90         |   | 7,584   |   | 5,885   |   | 14,465    |
| PA     | : | 15.80   |   | 20.70 |   | 21.40         |   | 12,640  |   | 14,200  |   | 17,120    |
| S C    | : | 20.20   |   | 18.20 |   | 17.70         |   | 17,816  |   | 26,936  |   | 24,851    |
| TENN   | : | 23.00   |   | 28.00 |   | 25.00         |   | 16,146  |   | 19,656  |   | 12,600    |
| TEX    | : | 25.70   |   | 23.40 |   | 18.90         |   | 6,682   |   | 6,739   |   | 4,763     |
| VA     | : | 21.80   |   | 32.10 |   | 36.40         |   | 14,955  |   | 40,446  |   | 39,858    |
| TOTAL  | : | 25.90   |   | 26.90 |   | 32.90         |   | 837,877 |   | 961,719 |   | 1,180,480 |
| HAWAII | : | 42.60   |   | 48.50 |   | 55.40         |   | 2,982   |   | 3,395   |   | 3,047     |
| U S    | : | 25.90   |   | 26.90 |   | 33.00         |   | 840,859 |   | 965,114 |   | 1,183,527 |

# ASPARAGUS FOR FRESH MARKET AND PROCESSING

| STATE      | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|------------|----------------|---------|---------|----------------|---------|---------|
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | ACRES          |         |         |                |         |         |
| CALIF      | 39,700         | 40,100  | 40,000  | 39,700         | 40,100  | 37,500  |
| ILL        | 700            | 820     | 800     | 700            | 820     | 800     |
| MICH       | 23,000         | 23,000  | 24,000  | 22,000         | 22,500  | 23,000  |
| N J        | 1,900          | 1,700   | 1,700   | 1,800          | 1,700   | 1,500   |
| WASH       | 32,000         | 33,000  | 33,000  | 31,000         | 32,000  | 32,000  |
| OTH STS 1/ | 4,640          | 3,800   | 3,710   | 4,640          | 3,790   | 3,710   |
| U S        | 101,940        | 102,420 | 103,210 | 99,840         | 100,910 | 98,510  |
|            | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | CWT            |         |         | 1,000 CWT      |         |         |
| CALIF      | 30             | 29      | 29      | 1,191          | 1,163   | 1,088   |
| ILL        | 14             | 15      | 16      | 10             | 12      | 13      |
| MICH       | 11             | 11      | 11      | 242            | 248     | 253     |
| N J        | 18             | 20      | 25      | 32             | 34      | 38      |
| WASH       | 26             | 28      | 32      | 806            | 896     | 1,024   |
| OTH STS 1/ | 14             | 18      | 21      | 66             | 69      | 79      |
| U S        | 24             | 24      | 25      | 2,347          | 2,422   | 2,495   |
|            | VALUE          |         |         |                |         |         |
|            | PER CWT        |         |         | TOTAL          |         |         |
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | DOLLARS        |         |         | 1,000 DOLLARS  |         |         |
| CALIF      | 62.80          | 71.70   | 66.20   | 74,746         | 83,431  | 71,978  |
| ILL        | 72.00          | 68.80   | 69.20   | 720            | 825     | 900     |
| MICH       | 58.60          | 59.00   | 58.40   | 14,170         | 14,636  | 14,784  |
| N J        | 65.30          | 66.50   | 64.80   | 2,090          | 2,261   | 2,462   |
| WASH       | 49.90          | 52.70   | 53.80   | 40,257         | 47,198  | 55,074  |
| OTH STS /  | 56.40          | 54.40   | 56.00   | 3,722          | 3,757   | 4,424   |
| U S        | 57.80          | 62.80   | 60.00   | 135,705        | 152,108 | 149,622 |

1/ 1987 - 1989: IN, MD, MN, OR.

# ASPARAGUS FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>UTILIZATION | PRODUCTION      |          |          |        |               |         |         |  |
|-----------------------------|-----------------|----------|----------|--------|---------------|---------|---------|--|
|                             | 1987            |          | 1988     |        | 1989          |         |         |  |
|                             | 1,000 CWT       |          |          |        |               |         |         |  |
| FRESH MARKET                |                 |          |          |        |               |         |         |  |
| CALIF                       | 1,055           |          |          |        |               |         |         |  |
| MICH                        | 40              |          | 42       |        | 33            |         |         |  |
| N J                         | 32              |          | 34       |        | 38            |         |         |  |
| WASH                        | 237             |          | 252      |        | 324           |         |         |  |
| OTH STS 1/                  | 24              |          | 1,153    |        | 1,097         |         |         |  |
| U S                         | 1,388           |          | 1,481    |        | 1,492         |         |         |  |
|                             | TONS            |          |          |        |               |         |         |  |
| PROCESSING                  |                 |          |          |        |               |         |         |  |
| CALIF                       | 6,780           |          |          |        |               |         |         |  |
| MICH                        | 10,100          |          | 10,300   |        | 11,000        |         |         |  |
| WASH                        | 28,440          |          | 32,200   |        | 35,000        |         |         |  |
| OTH STS 1/                  | 2,560           |          | 4,530    |        | 4,140         |         |         |  |
| U S                         | 47,880          |          | 47,030   |        | 50,140        |         |         |  |
| CANNING                     | 33,150          |          | 32,930   |        | 38,830        |         |         |  |
| FREEZING                    | 14,730          |          | 14,100   |        | 11,310        |         |         |  |
|                             | VALUE           |          |          |        |               |         |         |  |
|                             | PER UNIT        |          |          |        | TOTAL         |         |         |  |
|                             | 1987            | 1988     | 1989     | 1987   | 1988          | 1989    |         |  |
|                             | DOLLARS PER CWT |          |          |        | 1,000 DOLLARS |         |         |  |
| FRESH MARKET                |                 |          |          |        |               |         |         |  |
| CALIF                       | 66.10           |          |          |        | 69,736        |         |         |  |
| MICH                        | 66.40           |          | 68.90    | 68.00  | 2,656         | 2,894   | 2,244   |  |
| N J                         | 65.30           |          | 66.50    | 64.80  | 2,090         | 2,261   | 2,462   |  |
| WASH                        | 63.30           |          | 62.20    | 73.30  | 15,002        | 15,674  | 23,749  |  |
| OTH STS 1/                  | 67.40           |          | 72.50    | 66.80  | 1,618         | 83,558  | 73,305  |  |
| U S                         | 65.60           |          | 70.50    | 68.20  | 91,102        | 104,387 | 101,760 |  |
|                             | DOLLARS PER TON |          |          |        | 1,000 DOLLARS |         |         |  |
| PROCESSING                  |                 |          |          |        |               |         |         |  |
| CALIF                       | 739.00          |          |          |        | 5,010         |         |         |  |
| MICH                        | 1,140.00        | 1,140.00 | 1,140.00 | 11,514 | 11,742        | 12,540  |         |  |
| WASH                        | 888.00          | 979.00   | 895.00   | 25,255 | 31,524        | 31,325  |         |  |
| OTH STS 1/                  | 1,100.00        | 983.00   | 965.00   | 2,824  | 4,455         | 3,997   |         |  |
| U S                         | 932.00          | 1,010.00 | 955.00   | 44,603 | 47,721        | 47,862  |         |  |
| CANNING                     | 944.00          | 997.00   | 937.00   | 31,284 | 32,816        | 36,371  |         |  |
| FREEZING                    | 904.00          | 1,060.00 | 1,020.00 | 13,318 | 14,905        | 11,491  |         |  |

1/ 1987: IL, IN, MD, MN, OR. 1988 - 1989: CA, IL, IN, MD, MN, OR.

BROCCOLI FOR FRESH MARKET AND PROCESSING

| STATE | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|-------|----------------|---------|---------|----------------|---------|---------|
|       | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|       | ACRES          |         |         |                |         |         |
| ARIZ  | 4,200          | 4,300   | 5,400   | 4,200          | 4,300   | 5,400   |
| CALIF | 107,600        | 101,100 | 101,600 | 107,600        | 101,100 | 101,600 |
| OREG  | 3,100          | 2,800   | 3,100   | 3,000          | 2,800   | 3,100   |
| TEX   | 7,200          | 6,400   | 7,000   | 6,900          | 6,200   | 6,700   |
| U S   | 122,100        | 114,600 | 117,100 | 121,700        | 114,400 | 116,800 |
|       | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|       | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|       | CWT            |         |         | 1,000 CWT      |         |         |
| ARIZ  | 91             | 91      | 100     | 382            | 391     | 540     |
| CALIF | 96             | 115     | 120     | 10,330         | 11,626  | 12,192  |
| OREG  | 105            | 93      | 92      | 315            | 260     | 285     |
| TEX   | 70             | 83      | 74      | 483            | 515     | 496     |
| U S   | 95             | 112     | 116     | 11,510         | 12,792  | 13,513  |
|       | VALUE          |         |         |                |         |         |
|       | PER CWT        |         |         | TOTAL          |         |         |
|       | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|       | DOLLARS        |         |         | 1,000 DOLLARS  |         |         |
| ARIZ  | 21.80          | 24.80   | 20.60   | 8,328          | 9,697   | 11,124  |
| CALIF | 20.60          | 22.90   | 20.00   | 212,562        | 265,930 | 243,917 |
| OREG  | 19.50          | 23.20   | 22.10   | 6,134          | 6,023   | 6,303   |
| TEX   | 25.90          | 20.60   | 29.60   | 12,524         | 10,590  | 14,706  |
| U S   | 20.80          | 22.80   | 20.40   | 239,548        | 292,240 | 276,050 |

# BROCCOLI FOR FRESH MARKET AND PROCESSING

| STATE AND UTILIZATION | PRODUCTION      |        |        |               |         |         |         |      |      |
|-----------------------|-----------------|--------|--------|---------------|---------|---------|---------|------|------|
|                       | 1987            |        |        | 1988          |         |         | 1989    |      |      |
| FRESH MARKET          | 1,000 CWT       |        |        |               |         |         |         |      |      |
| ARIZ                  | 382             |        |        | 391           |         |         | 540     |      |      |
| CALIF                 | 7,830           |        |        | 9,166         |         |         | 9,792   |      |      |
| OTH STS 1/            | 387             |        |        | 465           |         |         | 412     |      |      |
| U S                   | 8,599           |        |        | 10,022        |         |         | 10,744  |      |      |
| PROCESSING            | TONS            |        |        |               |         |         |         |      |      |
| CALIF                 | 125,000         |        |        | 123,000       |         |         | 120,000 |      |      |
| OTH STS 1/            | 20,540          |        |        | 15,480        |         |         | 18,450  |      |      |
| U S                   | 145,540         |        |        | 138,480       |         |         | 138,450 |      |      |
|                       | VALUE           |        |        |               |         |         |         |      |      |
|                       | PER UNIT        |        |        |               |         |         | TOTAL   |      |      |
|                       | 1987            | 1988   | 1989   | 1987          | 1988    | 1989    | 1987    | 1988 | 1989 |
| FRESH MARKET          | DOLLARS PER CWT |        |        | 1,000 DOLLARS |         |         |         |      |      |
| ARIZ                  | 21.80           | 24.80  | 20.60  | 8,328         | 9,697   | 11,124  |         |      |      |
| CALIF                 | 21.40           | 23.90  | 20.40  | 167,562       | 219,067 | 199,757 |         |      |      |
| OTH STS 1/            | 31.90           | 25.10  | 35.40  | 12,351        | 11,667  | 14,591  |         |      |      |
| U S                   | 21.90           | 24.00  | 21.00  | 188,241       | 240,431 | 225,472 |         |      |      |
| PROCESSING            | DOLLARS PER TON |        |        | 1,000 DOLLARS |         |         |         |      |      |
| CALIF                 | 360.00          | 381.00 | 368.00 | 45,000        | 46,863  | 44,160  |         |      |      |
| OTH STS 1/            | 307.00          | 320.00 | 348.00 | 6,307         | 4,946   | 6,418   |         |      |      |
| U S                   | 353.00          | 374.00 | 365.00 | 51,307        | 51,809  | 50,578  |         |      |      |

1/ 1987 - 1989: OR, TX.

CARROTS FOR FRESH MARKET AND PROCESSING

| STATE      | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|------------|----------------|---------|---------|----------------|---------|---------|
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | ACRES          |         |         |                |         |         |
| ARIZ       | 2,000          | 1,900   | 1,400   | 2,000          | 1,900   | 1,400   |
| CALIF      | 50,000         | 51,100  | 57,600  | 50,000         | 51,100  | 57,600  |
| COLO       | 1,300          | 1,400   | 1,400   | 1,300          | 1,400   | 1,400   |
| FLA        | 12,600         | 12,700  | 9,700   | 12,100         | 12,200  | 9,400   |
| MICH       | 8,300          | 7,800   | 8,000   | 7,000          | 6,700   | 6,800   |
| MINN       | 1,600          | 1,700   | 2,100   | 1,500          | 1,400   | 1,800   |
| N Y        | 1,200          | 1,300   | 2,700   | 1,200          | 1,200   | 2,600   |
| OREG       | 800            | 1,000   | 1,300   | 800            | 950     | 1,300   |
| TEX        | 11,800         | 10,300  | 10,600  | 11,500         | 10,000  | 9,900   |
| WASH       | 6,200          | 5,600   | 6,300   | 6,200          | 5,600   | 6,300   |
| WIS        | 3,800          | 4,100   | 3,900   | 3,500          | 3,200   | 3,300   |
| OTH STS 1/ | 2,800          | 2,000   | 1,850   | 2,500          | 1,900   | 1,800   |
| U S        | 102,400        | 100,900 | 106,850 | 99,600         | 97,550  | 103,600 |
|            | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | CWT            |         |         | 1,000 CWT      |         |         |
| ARIZ       | 200            | 125     | 170     | 400            | 238     | 238     |
| CALIF      | 320            | 315     | 310     | 16,000         | 16,097  | 17,856  |
| COLO       | 345            | 360     | 380     | 449            | 504     | 532     |
| FLA        | 88             | 97      | 100     | 1,065          | 1,183   | 940     |
| MICH       | 275            | 255     | 245     | 1,925          | 1,709   | 1,666   |
| MINN       | 360            | 175     | 365     | 540            | 245     | 657     |
| N Y        | 360            | 350     | 440     | 432            | 420     | 1,144   |
| OREG       | 475            | 540     | 575     | 380            | 513     | 748     |
| TEX        | 190            | 180     | 170     | 2,185          | 1,800   | 1,683   |
| WASH       | 460            | 520     | 520     | 2,852          | 2,912   | 3,276   |
| WIS        | 500            | 405     | 475     | 1,750          | 1,296   | 1,568   |
| OTH STS 1/ | 297            | 254     | 350     | 742            | 483     | 630     |
| U S        | 288            | 281     | 299     | 28,720         | 27,400  | 30,938  |
|            | VALUE          |         |         |                |         |         |
|            | PER CWT        |         |         | TOTAL          |         |         |
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | DOLLARS        |         |         | 1,000 DOLLARS  |         |         |
| ARIZ       | 10.50          | 10.20   | 15.70   | 4,200          | 2,428   | 3,737   |
| CALIF      | 10.10          | 12.20   | 12.20   | 160,815        | 195,847 | 218,465 |
| COLO       | 7.60           | 8.40    | 8.35    | 3,412          | 4,234   | 4,442   |
| FLA        | 10.80          | 11.40   | 16.00   | 11,502         | 13,486  | 15,040  |
| MICH       | 7.36           | 12.50   | 8.43    | 14,162         | 21,317  | 14,047  |
| MINN       | 5.91           | 9.37    | 5.38    | 3,190          | 2,296   | 3,535   |
| N Y        | 12.90          | 9.60    | 5.83    | 5,555          | 4,030   | 6,674   |
| OREG       | 9.08           | 10.50   | 9.20    | 3,449          | 5,373   | 6,884   |
| TEX        | 8.48           | 9.59    | 11.60   | 18,520         | 17,269  | 19,476  |
| WASH       | 3.80           | 5.98    | 4.40    | 10,831         | 17,412  | 14,407  |
| WIS        | 6.00           | 5.91    | 5.44    | 10,504         | 7,657   | 8,523   |
| OTH STS 1/ | 2.95           | 3.11    | 3.11    | 2,192          | 1,500   | 1,956   |
| U S        | 8.65           | 10.70   | 10.30   | 248,332        | 292,849 | 317,186 |

1/ 1987 - 89: NJ, OH.

CARROTS FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>UTILIZATION | PRODUCTION |         |         |
|-----------------------------|------------|---------|---------|
|                             | 1987       | 1988    | 1989    |
|                             | 1,000 CWT  |         |         |
| FRESH MARKET                |            |         |         |
| ARIZ                        | 400        | 238     | 238     |
| CALIF                       | 14,600     | 14,577  | 15,356  |
| COLO                        | 449        | 504     | 532     |
| FLA                         | 1,065      | 1,183   | 940     |
| MICH                        | 1,150      | 1,139   | 978     |
| MINN                        | 245        | 105     | 333     |
| N Y                         | 148        | 100     | 124     |
| OREG                        | 125        | 205     | 410     |
| TEX                         | 1,975      | 1,575   | 1,323   |
| WASH                        | 519        | 678     | 739     |
| OTH STS 1/                  | 220        | 108     | 112     |
| U S                         | 20,896     | 20,412  | 21,085  |
|                             | TONS       |         |         |
| PROCESSING                  |            |         |         |
| CALIF                       | 70,000     | 76,000  | 125,000 |
| MICH                        | 38,760     | 28,480  | 34,380  |
| MINN                        | 14,750     | 7,000   | 16,200  |
| N Y                         | 14,200     | 16,000  | 51,000  |
| OREG                        | 12,750     | 15,390  | 16,910  |
| TEX                         | 10,500     | 11,250  | 18,000  |
| WASH                        | 116,660    | 111,720 | 126,850 |
| OTH STS 1/                  | 113,600    | 83,550  | 104,320 |
| U S                         | 391,220    | 349,390 | 492,660 |

CARROTS FOR FRESH MARKET AND PROCESSING

| STATE        | VALUE           |       |       |               |         |         |  |
|--------------|-----------------|-------|-------|---------------|---------|---------|--|
|              | PER UNIT        |       |       | TOTAL         |         |         |  |
|              | 1987            | 1988  | 1989  | 1987          | 1988    | 1989    |  |
|              | DOLLARS PER CWT |       |       | 1,000 DOLLARS |         |         |  |
| FRESH MARKET |                 |       |       |               |         |         |  |
| ARIZ         | 10.50           | 10.20 | 15.70 | 4,200         | 2,428   | 3,737   |  |
| CALIF        | 10.60           | 13.00 | 13.70 | 154,760       | 189,501 | 210,377 |  |
| COLO         | 7.60            | 8.40  | 8.35  | 3,412         | 4,234   | 4,442   |  |
| FLA          | 10.80           | 11.40 | 16.00 | 11,502        | 13,486  | 15,040  |  |
| MICH         | 10.40           | 17.20 | 12.50 | 11,960        | 19,591  | 12,225  |  |
| MINN         | 10.00           | 17.00 | 7.50  | 2,450         | 1,785   | 2,498   |  |
| N Y          | 31.80           | 29.90 | 26.80 | 4,706         | 2,990   | 3,323   |  |
| OREG         | 22.50           | 22.50 | 15.00 | 2,813         | 4,613   | 6,150   |  |
| TEX          | 9.26            | 10.80 | 14.00 | 18,289        | 17,010  | 18,522  |  |
| WASH         | 11.90           | 16.80 | 10.50 | 6,176         | 11,390  | 7,760   |  |
| OTH STS 1/   | 24.10           | 28.00 | 28.00 | 5,302         | 3,024   | 3,136   |  |
| U S          | 10.80           | 13.20 | 13.60 | 225,570       | 270,052 | 287,210 |  |
|              | DOLLARS PER TON |       |       | 1,000 DOLLARS |         |         |  |
| PROCESSING   |                 |       |       |               |         |         |  |
| CALIF        | 86.50           | 83.50 | 64.70 | 6,055         | 6,346   | 8,088   |  |
| MICH         | 56.80           | 60.60 | 53.00 | 2,202         | 1,726   | 1,822   |  |
| MINN         | 50.20           | 73.00 | 64.00 | 740           | 511     | 1,037   |  |
| N Y          | 59.80           | 65.00 | 65.70 | 849           | 1,040   | 3,351   |  |
| OREG         | 49.90           | 49.40 | 43.40 | 636           | 760     | 734     |  |
| TEX          | 22.00           | 23.00 | 53.00 | 231           | 259     | 954     |  |
| WASH         | 39.90           | 53.90 | 52.40 | 4,655         | 6,022   | 6,647   |  |
| OTH STS 1/   | 65.10           | 73.40 | 70.40 | 7,394         | 6,133   | 7,343   |  |
| U S          | 58.20           | 65.20 | 60.80 | 22,762        | 22,797  | 29,976  |  |

1/ 1987 - 1989: NJ, OH, WI.



CAULIFLOWER FOR FRESH MARKET AND PROCESSING

| STATE       | AREA PLANTED   |        |        | AREA HARVESTED |         |         |
|-------------|----------------|--------|--------|----------------|---------|---------|
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | ACRES          |        |        |                |         |         |
| ARIZ        | 6,400          | 6,100  | 6,800  | 6,400          | 6,100   | 6,800   |
| CALIF       | 51,100         | 48,000 | 52,500 | 51,100         | 48,000  | 52,500  |
| MICH        | 1,600          | 1,400  | 1,300  | 1,200          | 1,100   | 1,200   |
| N Y - L I   | 1,800          | 1,800  | 1,400  | 1,600          | 1,500   | 1,300   |
| N Y-UPSTATE | 1,700          | 1,800  | 1,600  | 1,500          | 1,600   | 1,400   |
| OREG        | 3,700          | 3,500  | 3,200  | 3,600          | 3,000   | 3,000   |
| TEX         | 800            | 1,700  | 1,500  | 700            | 1,500   | 1,500   |
| U S         | 67,100         | 64,300 | 68,300 | 66,100         | 62,800  | 67,700  |
|             | YIELD PER ACRE |        |        | PRODUCTION     |         |         |
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | CWT            |        |        | 1,000 CWT      |         |         |
| ARIZ        | 125            | 105    | 115    | 800            | 641     | 782     |
| CALIF       | 110            | 130    | 115    | 5,621          | 6,240   | 6,038   |
| MICH        | 60             | 55     | 60     | 72             | 61      | 72      |
| N Y - L I   | 100            | 120    | 115    | 160            | 180     | 150     |
| N Y-UPSTATE | 105            | 95     | 120    | 158            | 152     | 168     |
| OREG        | 140            | 165    | 180    | 504            | 495     | 540     |
| TEX         | 85             | 70     | 64     | 60             | 105     | 96      |
| U S         | 112            | 125    | 116    | 7,375          | 7,874   | 7,846   |
|             | VALUE          |        |        |                |         |         |
|             | PER CWT        |        |        | TOTAL          |         |         |
|             | 1987           | 1988   | 1989   | 1987           | 1988    | 1989    |
|             | DOLLARS        |        |        | 1,000 DOLLARS  |         |         |
| ARIZ        | 27.40          | 31.10  | 28.10  | 21,920         | 19,935  | 21,974  |
| CALIF       | 26.20          | 25.90  | 26.40  | 147,156        | 161,514 | 159,408 |
| MICH        | 28.80          | 39.00  | 33.00  | 2,074          | 2,382   | 2,378   |
| N Y - L I   | 25.90          | 26.20  | 28.60  | 4,144          | 4,721   | 4,286   |
| N Y-UPSTATE | 26.30          | 24.90  | 31.10  | 4,155          | 3,785   | 5,225   |
| OREG        | 14.50          | 15.70  | 15.60  | 7,314          | 7,796   | 8,437   |
| TEX         | 13.20          | 18.90  | 15.40  | 792            | 1,980   | 1,482   |
| U S         | 25.40          | 25.70  | 25.90  | 187,555        | 202,113 | 203,190 |

CAULIFLOWER FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>UTILIZATION | : | PRODUCTION      |   |        |        |        |   |               |   |         |   |         |
|-----------------------------|---|-----------------|---|--------|--------|--------|---|---------------|---|---------|---|---------|
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | 1987            |   | :      | 1988   |        | : | 1989          |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| FRESH MARKET                | : | 1,000 CWT       |   |        |        |        |   |               |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| ARIZ                        | : | 800             |   | :      | 641    |        | : | 782           |   |         |   |         |
| CALIF                       | : | 4,661           |   | :      | 5,340  |        | : | 5,378         |   |         |   |         |
| OTH STS 1/                  | : | 467             |   | :      | 519    |        | : | 493           |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| U S                         | : | 5,928           |   | :      | 6,500  |        | : | 6,653         |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | TONS            |   |        |        |        |   |               |   |         |   |         |
| PROCESSING                  | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| CALIF                       | : | 48,000          |   | :      | 45,000 |        | : | 33,000        |   |         |   |         |
| OTH STS 1/                  | : | 24,330          |   | :      | 23,690 |        | : | 26,630        |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| U S                         | : | 72,330          |   | :      | 68,690 |        | : | 59,630        |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | VALUE           |   |        |        |        |   |               |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | PER UNIT        |   |        | :      | TOTAL  |   |               |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | 1987            | : | 1988   | :      | 1989   | : | 1987          | : | 1988    | : | 1989    |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| FRESH MARKET                | : | DOLLARS PER CWT |   |        |        |        |   | 1,000 DOLLARS |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| ARIZ                        | : | 27.40           |   | 31.10  |        | 28.10  |   | 21,920        |   | 19,935  |   | 21,974  |
| CALIF                       | : | 28.40           |   | 27.60  |        | 27.80  |   | 132,372       |   | 147,384 |   | 149,508 |
| OTH STS 1/                  | : | 28.80           |   | 30.20  |        | 31.80  |   | 13,436        |   | 15,653  |   | 15,687  |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| U S                         | : | 28.30           |   | 28.10  |        | 28.10  |   | 167,728       |   | 182,972 |   | 187,169 |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : | DOLLARS PER TON |   |        |        |        |   | 1,000 DOLLARS |   |         |   |         |
| PROCESSING                  | : |                 |   |        |        |        |   |               |   |         |   |         |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| CALIF                       | : | 308.00          |   | 314.00 |        | 300.00 |   | 14,784        |   | 14,130  |   | 9,900   |
| OTH STS 1/                  | : | 207.00          |   | 212.00 |        | 230.00 |   | 5,043         |   | 5,011   |   | 6,121   |
| :                           | : |                 |   |        |        |        |   |               |   |         |   |         |
| U S                         | : | 274.00          |   | 279.00 |        | 269.00 |   | 19,827        |   | 19,141  |   | 16,021  |

1/ 1987 - 1989: MI, NY, NY, OR, TX.

# STRAWBERRIES FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>SEASON | AREA PLANTED   |        |        | AREA HARVESTED |        |        |
|------------------------|----------------|--------|--------|----------------|--------|--------|
|                        | 1987           | 1988   | 1989   | 1987           | 1988   | 1989   |
|                        | ACRES          |        |        |                |        |        |
| WINTER                 |                |        |        |                |        |        |
| FLA                    | 4,900          | 5,000  | 5,300  | 4,900          | 5,000  | 5,300  |
| TOTAL                  | 4,900          | 5,000  | 5,300  | 4,900          | 5,000  | 5,300  |
| SPRING                 |                |        |        |                |        |        |
| ARK                    | 250            | 270    | 290    | 220            | 250    | 250    |
| CALIF                  | 17,500         | 19,200 | 19,900 | 17,500         | 19,200 | 19,900 |
| LA                     | 600            | 700    | 650    | 600            | 700    | 650    |
| MICH                   | 2,500          | 2,500  | 2,400  | 2,400          | 2,300  | 2,200  |
| N J                    | 800            | 700    | 700    | 800            | 700    | 600    |
| N Y                    | 2,900          | 2,700  | 2,500  | 2,800          | 2,500  | 2,400  |
| N C                    | 2,200          | 2,200  | 2,200  | 2,100          | 2,100  | 2,100  |
| OHIO                   | 1,400          | 1,300  | 1,200  | 1,400          | 1,300  | 1,200  |
| OREG                   | 8,000          | 8,000  | 6,800  | 7,800          | 7,800  | 6,200  |
| PA                     | 1,900          | 1,900  | 1,800  | 1,900          | 1,900  | 1,800  |
| WASH                   | 2,500          | 2,400  | 1,900  | 2,500          | 2,400  | 1,900  |
| WIS                    | 1,300          | 1,300  | 1,200  | 1,200          | 1,000  | 1,100  |
| TOTAL                  | 41,850         | 43,170 | 41,540 | 41,220         | 42,150 | 40,300 |
| U S                    | 46,750         | 48,170 | 46,840 | 46,120         | 47,150 | 45,600 |
|                        | YIELD PER ACRE |        |        | PRODUCTION     |        |        |
|                        | 1987           | 1988   | 1989   | 1987           | 1988   | 1989   |
|                        | CWT            |        |        | 1,000 CWT      |        |        |
| WINTER                 |                |        |        |                |        |        |
| FLA                    | 225            | 250    | 260    | 1,103          | 1,250  | 1,378  |
| TOTAL                  | 225            | 250    | 260    | 1,103          | 1,250  | 1,378  |
| SPRING                 |                |        |        |                |        |        |
| ARK                    | 50             | 46     | 35     | 11             | 12     | 9      |
| CALIF                  | 470            | 450    | 420    | 8,225          | 8,640  | 8,358  |
| LA                     | 72             | 75     | 62     | 43             | 53     | 40     |
| MICH                   | 60             | 55     | 53     | 144            | 127    | 117    |
| N J                    | 53             | 46     | 30     | 42             | 32     | 18     |
| N Y                    | 57             | 48     | 56     | 160            | 120    | 134    |
| N C 1/                 | 38             | 60     | 42     | 80             | 126    | 88     |
| OHIO                   | 52             | 56     | 46     | 73             | 73     | 55     |
| OREG 1/                | 120            | 130    | 105    | 936            | 1,014  | 651    |
| PA                     | 38             | 43     | 47     | 72             | 82     | 85     |
| WASH 1/                | 96             | 92     | 60     | 240            | 221    | 114    |
| WIS                    | 37             | 41     | 55     | 44             | 41     | 61     |
| TOTAL                  | 244            | 250    | 241    | 10,070         | 10,541 | 9,730  |
| U S                    | 242            | 250    | 244    | 11,173         | 11,791 | 11,108 |

1/ EXCLUDES THE FOLLOWING QUANTITIES NOT HARVESTED OR NOT MARKETING BECAUSE OF ECONOMIC CONDITIONS; 1987 - N C, 4,000 CWT; OREGON, 185,000; WASH, 50,000 1988 - N C, 4,000; 1989 - N C, 5,000; WASH, 4,000.

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

|        |  | VALUE   |       |        |               |         |         |
|--------|--|---------|-------|--------|---------------|---------|---------|
|        |  | PER CWT |       |        | TOTAL         |         |         |
| STATE  |  | 1987    | 1988  | 1989   | 1987          | 1988    | 1989    |
|        |  | DOLLARS |       |        | 1,000 DOLLARS |         |         |
| WINTER |  |         |       |        |               |         |         |
| FLA    |  | 60.80   | 59.10 | 66.90  | 67,062        | 73,875  | 92,188  |
| TOTAL  |  | 60.80   | 59.10 | 66.90  | 67,062        | 73,875  | 92,188  |
| SPRING |  |         |       |        |               |         |         |
| ARK    |  | 48.00   | 44.00 | 56.00  | 528           | 528     | 504     |
| CALIF  |  | 49.50   | 45.10 | 42.40  | 407,251       | 389,830 | 354,184 |
| LA     |  | 50.00   | 56.00 | 58.00  | 2,150         | 2,968   | 2,320   |
| MICH   |  | 47.10   | 47.90 | 49.00  | 6,785         | 6,081   | 5,736   |
| N J    |  | 68.00   | 72.20 | 69.90  | 2,856         | 2,310   | 1,258   |
| N Y    |  | 56.90   | 73.10 | 87.50  | 9,104         | 8,772   | 11,725  |
| N C    |  | 49.90   | 46.30 | 54.00  | 3,992         | 5,834   | 4,752   |
| OHIO   |  | 61.00   | 69.00 | 80.00  | 4,453         | 5,037   | 4,400   |
| OREG   |  | 33.70   | 31.00 | 37.80  | 31,520        | 31,423  | 24,621  |
| PA     |  | 82.60   | 99.50 | 101.00 | 5,947         | 8,159   | 8,585   |
| WASH   |  | 34.10   | 30.90 | 47.70  | 8,180         | 6,838   | 5,440   |
| WIS    |  | 57.00   | 64.00 | 66.00  | 2,508         | 2,624   | 4,026   |
| TOTAL  |  | 48.20   | 44.60 | 43.90  | 485,274       | 470,404 | 427,551 |
| U S    |  | 49.40   | 46.20 | 46.80  | 552,336       | 544,279 | 519,739 |

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>UTILIZATION | PRODUCTION |       |       |           |
|-----------------------------|------------|-------|-------|-----------|
|                             | 1987       | 1988  | 1989  |           |
|                             |            |       |       | 1,000 CWT |
| FRESH MARKET                |            |       |       |           |
| WINTER                      |            |       |       |           |
| FLA                         | 1,103      | 1,250 | 1,378 |           |
| TOTAL                       | 1,103      | 1,250 | 1,378 |           |
| SPRING                      |            |       |       |           |
| ARK                         | 11         | 12    | 9     |           |
| CALIF                       | 5,995      | 6,590 | 6,269 |           |
| LA                          | 43         | 53    | 40    |           |
| MICH                        | 100        | 87    | 77    |           |
| N J                         | 42         | 32    | 18    |           |
| N Y                         | 160        | 120   | 134   |           |
| N C                         | 80         | 126   | 88    |           |
| OHIO                        | 73         | 73    | 55    |           |
| OREG                        | 56         | 64    | 61    |           |
| PA                          | 72         | 82    | 85    |           |
| WASH                        | 25         | 25    | 40    |           |
| WIS                         | 44         | 41    | 61    |           |
| TOTAL                       | 6,701      | 7,305 | 6,937 |           |
| U S                         | 7,804      | 8,555 | 8,315 |           |
|                             |            |       |       | 1,000 CWT |
| PROCESSING                  |            |       |       |           |
| SPRING                      |            |       |       |           |
| CALIF                       | 2,230      | 2,050 | 2,089 |           |
| MICH                        | 44         | 40    | 40    |           |
| OREG                        | 880        | 950   | 590   |           |
| WASH                        | 215        | 196   | 74    |           |
| U S                         | 3,369      | 3,236 | 2,793 |           |

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

| STATE<br>AND<br>UTILIZATION | VALUE           |       |        |               |         |         |
|-----------------------------|-----------------|-------|--------|---------------|---------|---------|
|                             | PER UNIT        |       |        | TOTAL         |         |         |
|                             | 1987            | 1988  | 1989   | 1987          | 1988    | 1989    |
|                             | DOLLARS PER CWT |       |        | 1,000 DOLLARS |         |         |
| FRESH MARKET                |                 |       |        |               |         |         |
| WINTER                      |                 |       |        |               |         |         |
| FLA                         | 60.80           | 59.10 | 66.90  | 67,062        | 73,875  | 92,188  |
| TOTAL                       | 60.80           | 59.10 | 66.90  | 67,062        | 73,875  | 92,188  |
| SPRING                      |                 |       |        |               |         |         |
| ARK                         | 48.00           | 44.00 | 56.00  | 528           | 528     | 504     |
| CALIF                       | 58.00           | 52.00 | 49.30  | 347,710       | 342,680 | 309,062 |
| LA                          | 50.00           | 56.00 | 58.00  | 2,150         | 2,968   | 2,320   |
| MICH                        | 53.20           | 52.70 | 54.70  | 5,320         | 4,585   | 4,212   |
| N J                         | 68.00           | 72.20 | 69.90  | 2,856         | 2,310   | 1,258   |
| N Y                         | 56.90           | 73.10 | 87.50  | 9,104         | 8,772   | 11,725  |
| N C                         | 49.90           | 46.30 | 54.00  | 3,992         | 5,834   | 4,752   |
| OHIO                        | 61.00           | 69.00 | 80.00  | 4,453         | 5,037   | 4,400   |
| OREG                        | 60.00           | 62.00 | 68.00  | 3,360         | 3,968   | 4,148   |
| PA                          | 82.60           | 99.50 | 101.00 | 5,947         | 8,159   | 8,585   |
| WASH                        | 52.00           | 54.00 | 62.00  | 1,300         | 1,350   | 2,480   |
| WIS                         | 57.00           | 64.00 | 66.00  | 2,508         | 2,624   | 4,026   |
| TOTAL                       | 58.10           | 53.20 | 51.50  | 389,228       | 388,815 | 357,472 |
| U S                         | 58.50           | 54.10 | 54.10  | 456,290       | 462,690 | 449,660 |
|                             | DOLLARS PER CWT |       |        | 1,000 DOLLARS |         |         |
| PROCESSING                  |                 |       |        |               |         |         |
| SPRING                      |                 |       |        |               |         |         |
| CALIF                       | 26.70           | 23.00 | 21.60  | 59,541        | 47,150  | 45,122  |
| MICH                        | 33.30           | 37.40 | 38.10  | 1,465         | 1,496   | 1,524   |
| OREG                        | 32.00           | 28.90 | 34.70  | 28,160        | 27,455  | 20,473  |
| WASH                        | 32.00           | 28.00 | 40.00  | 6,880         | 5,488   | 2,960   |
| U S                         | 28.50           | 25.20 | 25.10  | 96,046        | 81,589  | 70,079  |

## PROCESSING VEGETABLES UP 27 PERCENT

U.S. processors received 15.2 million tons of raw product from nine major vegetable crops in 1989. This is up 27 percent from last year and 18 percent above 1987. Harvested area of the 5 leading crops totaled 1.47 million acres, a gain of 10 percent from 1988, and 12 percent above 1987.

Six of the nine crops produced more than last year. Processing peas jumped 61 percent, and snap beans were up 48 percent. Tomatoes increased 28 percent, sweet corn gained 22 percent while carrots jumped 41 percent and asparagus processing increased 7 percent. A twelve percent reduction in cauliflower and 1 percent down turn in cucumbers for pickles marked the declines. Broccoli processing remained virtually unchanged from last year.

Total value at the plant door was \$1.38 billion, up 33 percent from last year and 28 percent above two years ago. Prices were generally higher than a year earlier.

The leading processing States are California, Wisconsin, Minnesota, Washington, and Oregon. These 5 States produced 83 percent of the tonnage on 69 percent of the acreage devoted to the 5 leading vegetable crops in the U.S. They also accounted for 75 percent of the value of processed vegetables.

### LEADING PROCESSING VEGETABLE STATES IN 1989 1/

| RANK | AREA HARVESTED |                  | PRODUCTION |                  | VALUE |                  |
|------|----------------|------------------|------------|------------------|-------|------------------|
|      | STATE          | PERCENT OF TOTAL | STATE      | PERCENT OF TOTAL | STATE | PERCENT OF TOTAL |
| 1    | WIS            | 22.1             | CALIF      | 59.9             | CALIF | 47.3             |
| 2    | CALIF          | 19.8             | WIS        | 8.8              | WIS   | 10.7             |
| 3    | MINN           | 12.7             | MINN       | 5.5              | OREG  | 6.3              |
| 4    | WASH           | 7.4              | OREG       | 4.5              | MINN  | 5.8              |
| 5    | OREG           | 7.3              | WASH       | 4.1              | WASH  | 5.2              |

1/ SNAP BEANS, SWEET CORN, PEAS, CUCUMBERS FOR PICKLES, AND TOMATOES.

PRINCIPAL VEGETABLES FOR PROCESSING  
BY CROPS, ANNUAL  
(DOMESTIC UNITS)

| CROP        | AREA PLANTED |            |            | AREA HARVESTED |           |           |
|-------------|--------------|------------|------------|----------------|-----------|-----------|
|             | 1987         | 1988       | 1989       | 1987           | 1988      | 1989      |
|             | ACRES        |            |            |                |           |           |
| BEANS, SNAP | 233,810      | 233,150    | 264,300    | 224,010        | 217,650   | 249,000   |
| SWEET CORN  | 463,330      | 465,800    | 486,750    | 430,920        | 446,200   | 464,450   |
| CUCUMBERS   | 111,590      | 122,480    | 130,570    | 109,630        | 118,870   | 124,170   |
| PEAS, GREEN | 302,200      | 292,900    | 332,700    | 290,300        | 283,900   | 316,500   |
| TOMATOES    | 263,420      | 279,070    | 336,210    | 257,400        | 274,920   | 320,850   |
| 5 CROPS     | 1,374,350    | 1,393,400  | 1,550,530  | 1,312,260      | 1,341,540 | 1,474,970 |
|             | PRODUCTION   |            |            | VALUE          |           |           |
|             | 1987         | 1988       | 1989       | 1987           | 1988      | 1989      |
|             | TONS         |            |            | 1,000 DOLLARS  |           |           |
| BEANS, SNAP | 685,830      | 588,280    | 869,700    | 109,609        | 98,628    | 151,379   |
| SWEET CORN  | 2,866,630    | 2,420,400  | 2,949,340  | 169,984        | 147,070   | 197,267   |
| CUCUMBERS   | 635,450      | 651,580    | 642,690    | 114,374        | 130,194   | 131,082   |
| PEAS, GREEN | 439,530      | 313,140    | 504,660    | 98,576         | 73,166    | 119,963   |
| TOMATOES    | 7,607,690    | 7,409,920  | 9,484,470  | 449,503        | 449,797   | 640,113   |
| 5 CROPS     | 12,235,130   | 11,383,320 | 14,450,860 | 942,046        | 898,855   | 1,239,804 |
| ASPARAGUS   | 47,880       | 47,030     | 50,140     | 44,603         | 47,721    | 47,862    |
| BROCCOLI    | 145,540      | 138,480    | 138,450    | 51,307         | 51,809    | 50,578    |
| CARROTS     | 391,220      | 349,390    | 492,660    | 22,762         | 22,797    | 29,976    |
| CAULIFLOWER | 72,330       | 68,690     | 59,630     | 19,827         | 19,141    | 16,021    |
| 4 CROPS     | 656,970      | 603,590    | 740,880    | 138,499        | 141,468   | 144,437   |
| 9 CROPS     | 12,892,100   | 11,986,910 | 15,191,740 | 1,080,545      | 1,040,323 | 1,384,241 |



PRINCIPAL VEGETABLES FOR PROCESSING  
BY CROPS, ANNUAL  
(METRIC UNITS)

| CROP        | AREA PLANTED |         |            | AREA HARVESTED |            |         |
|-------------|--------------|---------|------------|----------------|------------|---------|
|             | 1987         | 1988    | 1989       | 1987           | 1988       | 1989    |
|             | HECTARES     |         |            |                |            |         |
| BEANS, SNAP | 94,620       | 94,350  | 106,960    | 90,650         | 88,080     | 100,770 |
| SWEET CORN  | 187,510      | 188,500 | 196,980    | 174,390        | 180,570    | 187,960 |
| CUCUMBERS   | 45,160       | 49,570  | 52,840     | 44,370         | 48,110     | 50,250  |
| PEAS, GREEN | 122,300      | 118,530 | 134,640    | 117,480        | 114,890    | 128,080 |
| TOMATOES    | 106,600      | 112,940 | 136,060    | 104,170        | 111,260    | 129,840 |
| 5 CROPS     | 556,190      | 563,890 | 627,480    | 531,060        | 542,910    | 596,900 |
|             | PRODUCTION   |         |            |                |            |         |
|             | 1987         |         | 1988       |                | 1989       |         |
|             | METRIC TONS  |         |            |                |            |         |
| BEANS, SNAP | 622,170      |         | 533,680    |                | 788,980    |         |
| SWEET CORN  | 2,600,560    |         | 2,195,750  |                | 2,675,600  |         |
| CUCUMBERS   | 576,470      |         | 591,100    |                | 583,040    |         |
| PEAS, GREEN | 398,730      |         | 284,080    |                | 457,820    |         |
| TOMATOES    | 6,901,580    |         | 6,722,170  |                | 8,604,170  |         |
| 5 CROPS     | 11,099,510   |         | 10,326,780 |                | 13,109,610 |         |
| ASPARAGUS   | 43,440       |         | 42,660     |                | 45,490     |         |
| BROCCOLI    | 132,030      |         | 125,630    |                | 125,600    |         |
| CARROTS     | 354,910      |         | 316,960    |                | 446,930    |         |
| CAULIFLOWER | 65,620       |         | 62,310     |                | 54,100     |         |
| 4 CROPS     | 596,000      |         | 547,560    |                | 672,120    |         |
| 9 CROPS     | 11,695,510   |         | 10,874,340 |                | 13,781,730 |         |

PRINCIPAL VEGETABLES FOR PROCESSING  
BY STATES, ANNUAL 1/

| STATE      | AREA PLANTED |           |           | AREA HARVESTED |           |           |
|------------|--------------|-----------|-----------|----------------|-----------|-----------|
|            | 1987         | 1988      | 1989      | 1987           | 1988      | 1989      |
|            | ACRES        |           |           |                |           |           |
| ALA        | 3,250        | 1,440     | 3,020     | 3,230          | 1,300     | 2,670     |
| ARK        | 3,920        | 5,400     | 5,400     | 3,920          | 5,400     | 5,400     |
| CALIF      | 230,400      | 241,400   | 306,300   | 227,000        | 238,800   | 292,700   |
| COLO       | 2,010        | 2,300     | 1,620     | 1,890          | 2,180     | 1,490     |
| DEL        | 21,300       | 18,100    | 21,410    | 20,900         | 17,500    | 20,570    |
| FLA        | 5,250        | 8,050     | 6,000     | 5,150          | 8,050     | 6,000     |
| GA         | 3,000        | 2,600     | 4,700     | 2,800          | 2,400     | 4,500     |
| IDAHO      | 27,630       | 29,740    | 31,840    | 27,230         | 29,040    | 31,440    |
| ILL        | 52,480       | 58,200    | 88,800    | 48,480         | 56,300    | 80,900    |
| IND        | 16,500       | 19,000    | 17,100    | 15,800         | 16,300    | 16,600    |
| IOWA       | 4,500        | 5,870     | 12,250    | 4,290          | 5,840     | 11,270    |
| LA         |              | 440       | 950       |                | 440       | 950       |
| MD         | 14,500       | 17,700    | 14,770    | 14,200         | 17,000    | 14,570    |
| MASS       | 400          | 350       | 300       | 400            | 350       | 300       |
| MICH       | 53,000       | 56,200    | 59,000    | 51,000         | 51,700    | 54,300    |
| MINN       | 219,250      | 208,620   | 199,840   | 194,430        | 204,490   | 186,820   |
| N J        | 12,890       | 10,680    | 9,570     | 12,680         | 10,180    | 8,870     |
| N Y        | 71,400       | 67,900    | 68,100    | 68,400         | 65,580    | 65,550    |
| N C        | 25,490       | 26,500    | 28,540    | 25,290         | 26,300    | 27,340    |
| OHIO       | 21,570       | 22,440    | 22,100    | 20,770         | 21,840    | 21,400    |
| OREG       | 96,100       | 88,800    | 109,300   | 94,400         | 88,400    | 107,700   |
| PA         | 15,600       | 15,300    | 12,600    | 14,200         | 13,500    | 12,200    |
| S C        | 13,710       | 11,740    | 13,010    | 13,590         | 11,540    | 11,510    |
| TENN       | 5,700        | 6,660     | 6,200     | 5,400          | 6,060     | 5,400     |
| TEX        | 15,500       | 18,500    | 27,900    | 14,300         | 18,300    | 27,500    |
| UTAH       | 2,430        | 2,400     | 2,500     | 2,330          | 2,300     | 2,400     |
| VA         | 3,550        | 1,920     | 4,890     | 3,320          | 1,900     | 4,820     |
| WASH       | 89,200       | 102,000   | 110,600   | 88,900         | 99,600    | 109,700   |
| WIS        | 332,600      | 330,400   | 345,200   | 316,900        | 307,900   | 326,200   |
| OTH STS 2/ | 11,220       | 12,750    | 16,720    | 11,060         | 11,050    | 13,900    |
| U S        | 1,374,350    | 1,393,400 | 1,550,530 | 1,312,260      | 1,341,540 | 1,474,970 |

PRINCIPAL VEGETABLES FOR PROCESSING  
BY STATES, ANNUAL 1/

| STATE      | PRODUCTION |            |            | VALUE         |         |           |
|------------|------------|------------|------------|---------------|---------|-----------|
|            | 1987       | 1988       | 1989       | 1987          | 1988    | 1989      |
|            | TONS       |            |            | 1,000 DOLLARS |         |           |
| ALA        | 5,240      | 2,080      | 3,500      | 1,103         | 408     | 821       |
| ARK        | 8,560      | 11,160     | 19,200     | 1,396         | 1,964   | 2,752     |
| CALIF      | 6,784,170  | 6,639,780  | 8,662,340  | 400,084       | 404,904 | 586,198   |
| COLO       | 20,100     | 28,620     | 14,170     | 2,753         | 2,899   | 1,821     |
| DEL        | 58,790     | 53,070     | 62,930     | 7,008         | 6,155   | 8,472     |
| FLA        | 35,780     | 51,100     | 33,010     | 8,404         | 12,219  | 7,829     |
| GA         | 7,570      | 8,700      | 15,210     | 1,374         | 1,631   | 3,146     |
| IDAHO      | 185,540    | 183,370    | 203,500    | 12,866        | 12,459  | 15,160    |
| ILL        | 234,840    | 192,860    | 360,470    | 20,160        | 19,449  | 42,389    |
| IND        | 198,420    | 189,420    | 198,640    | 17,611        | 18,180  | 18,687    |
| IOWA       | 45,400     | 39,960     | 69,890     | 2,913         | 2,632   | 5,078     |
| LA         |            | 1,400      | 2,700      |               | 189     | 329       |
| MD         | 80,680     | 81,430     | 61,180     | 8,725         | 9,416   | 8,786     |
| MASS       | 6,250      | 6,370      | 6,000      | 750           | 790     | 816       |
| MICH       | 334,890    | 287,070    | 353,970    | 38,359        | 35,266  | 45,961    |
| MINN       | 857,580    | 616,090    | 791,450    | 66,750        | 46,918  | 72,015    |
| N J        | 80,940     | 57,560     | 48,080     | 8,929         | 6,795   | 6,361     |
| N Y        | 317,870    | 201,650    | 233,280    | 29,714        | 20,588  | 28,018    |
| N C        | 85,210     | 101,290    | 88,270     | 16,703        | 20,985  | 19,702    |
| OHIO       | 415,310    | 396,080    | 431,070    | 34,779        | 32,970  | 37,973    |
| OREG       | 528,390    | 542,700    | 646,360    | 55,397        | 58,887  | 77,806    |
| PA         | 57,400     | 53,000     | 62,650     | 6,261         | 6,060   | 7,809     |
| S C        | 40,650     | 41,040     | 38,690     | 7,668         | 8,760   | 8,271     |
| TENN       | 10,800     | 9,000      | 10,300     | 2,106         | 1,815   | 2,298     |
| TEX        | 68,160     | 84,360     | 107,610    | 13,606        | 17,784  | 22,770    |
| UTAH       | 9,210      | 7,890      | 7,270      | 1,285         | 1,081   | 1,156     |
| VA         | 9,150      | 14,600     | 18,730     | 1,173         | 1,771   | 3,050     |
| WASH       | 509,710    | 538,600    | 591,790    | 52,745        | 52,651  | 64,978    |
| WIS        | 1,209,860  | 919,690    | 1,272,390  | 116,578       | 88,814  | 132,289   |
| OTH STS 2/ | 28,660     | 23,380     | 36,210     | 4,846         | 4,415   | 7,063     |
| U S        | 12,235,130 | 11,383,320 | 14,450,860 | 942,046       | 898,855 | 1,239,804 |

1/ EXCLUDES THE DUAL USAGE CROPS (ASPARAGUS, BROCCOLI, CARROTS AND CAULI-  
FLOWER

2/ 1987 - AZ, KY, ME, MS, MO, NE, NM, OK.  
1988 - 89: AZ, KY, ME, MS, MO, OK.

# SNAP BEANS FOR PROCESSING

| STATE<br>AND<br>UTILIZATION | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|-----------------------------|----------------|---------|---------|----------------|---------|---------|
|                             | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                             | ACRES          |         |         |                |         |         |
| ARK                         | 3,000          | 3,600   |         | 3,000          | 3,600   |         |
| GA                          |                |         | 2,800   |                |         | 2,700   |
| ILL                         |                | 9,800   | 25,700  |                | 9,500   | 24,800  |
| IND                         | 5,900          | 8,400   | 4,600   | 5,800          | 6,200   | 4,600   |
| MICH                        | 20,000         | 23,000  | 25,000  | 19,500         | 21,000  | 21,500  |
| MINN                        | 5,900          | 5,600   | 6,300   | 5,200          | 5,400   | 5,900   |
| N Y                         | 29,400         | 29,500  | 26,400  | 28,600         | 28,000  | 25,200  |
| OREG                        | 20,400         | 21,700  | 25,800  | 20,300         | 21,700  | 25,700  |
| PA                          | 6,700          | 7,200   | 6,000   | 6,600          | 6,400   | 5,700   |
| TENN                        | 5,700          | 6,600   | 6,000   | 5,400          | 6,000   | 5,200   |
| WASH                        | 1,100          | 800     | 1,100   | 1,100          | 800     | 1,100   |
| WIS                         | 94,300         | 88,200  | 87,000  | 88,700         | 82,800  | 82,500  |
| OTH STS 1/                  | 41,410         | 28,750  | 47,600  | 39,810         | 26,250  | 44,100  |
| U S                         | 233,810        | 233,150 | 264,300 | 224,010        | 217,650 | 249,000 |
| CANNING                     | 166,850        | 166,020 | 190,200 | 158,500        | 155,190 | 178,740 |
| FREEZING                    | 66,960         | 67,130  | 74,100  | 65,510         | 62,460  | 70,260  |
|                             | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|                             | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                             | TONS           |         |         |                |         |         |
| ARK                         | 2.21           | 1.78    |         | 6,630          | 6,410   |         |
| GA                          |                |         | 2.30    |                |         | 6,210   |
| ILL                         |                | 3.25    | 3.31    |                | 30,880  | 82,090  |
| IND                         | 2.74           | 2.85    | 3.18    | 15,890         | 17,670  | 14,630  |
| MICH                        | 2.20           | 1.80    | 2.90    | 42,900         | 37,800  | 62,350  |
| MINN                        | 3.35           | 2.48    | 3.84    | 17,420         | 13,390  | 22,660  |
| N Y                         | 2.47           | 1.89    | 2.76    | 70,640         | 52,920  | 69,550  |
| OREG                        | 5.81           | 5.77    | 6.77    | 117,940        | 125,210 | 173,990 |
| PA                          | 2.00           | 1.87    | 2.55    | 13,200         | 11,970  | 14,540  |
| TENN                        | 2.00           | 1.40    | 1.75    | 10,800         | 8,400   | 9,100   |
| WASH                        | 4.51           | 4.57    | 4.35    | 4,960          | 3,660   | 4,790   |
| WIS                         | 3.15           | 2.53    | 3.41    | 279,410        | 209,480 | 281,330 |
| OTH STS 1/                  | 2.66           | 2.69    | 2.91    | 106,040        | 70,490  | 128,460 |
| U S                         | 3.06           | 2.70    | 3.49    | 685,830        | 588,280 | 869,700 |
| CANNING                     | 3.03           | 2.58    | 3.34    | 480,800        | 400,630 | 596,890 |
| FREEZING                    | 3.13           | 3.00    | 3.88    | 205,030        | 187,650 | 272,810 |

# SNAP BEANS FOR PROCESSING

| STATE<br>AND<br>UTILIZATION | VALUE                                                                          |        |        |               |        |         |  |
|-----------------------------|--------------------------------------------------------------------------------|--------|--------|---------------|--------|---------|--|
|                             | PER TON                                                                        |        |        | TOTAL         |        |         |  |
|                             | 1987                                                                           | 1988   | 1989   | 1987          | 1988   | 1989    |  |
|                             | DOLLARS                                                                        |        |        | 1,000 DOLLARS |        |         |  |
| ARK                         | 164.00                                                                         | 186.00 |        | 1,087         | 1,190  |         |  |
| GA                          |                                                                                |        | 253.00 |               |        | 1,571   |  |
| ILL                         |                                                                                | 181.00 | 216.00 |               | 5,589  | 17,731  |  |
| IND                         | 190.00                                                                         | 203.00 | 229.00 | 3,019         | 3,587  | 3,350   |  |
| MICH                        | 149.00                                                                         | 175.00 | 166.00 | 6,392         | 6,615  | 10,350  |  |
| MINN                        | 146.00                                                                         | 138.00 | 111.00 | 2,543         | 1,848  | 2,515   |  |
| N Y                         | 165.00                                                                         | 161.00 | 188.00 | 11,656        | 8,520  | 13,075  |  |
| OREG                        | 178.00                                                                         | 174.00 | 176.00 | 20,993        | 21,787 | 30,622  |  |
| PA                          | 195.00                                                                         | 213.00 | 226.00 | 2,574         | 2,550  | 3,286   |  |
| TENN                        | 195.00                                                                         | 210.00 | 240.00 | 2,106         | 1,764  | 2,184   |  |
| WASH                        | 198.00                                                                         | 193.00 | 184.00 | 982           | 706    | 881     |  |
| WIS                         | 143.00                                                                         | 151.00 | 152.00 | 39,956        | 31,631 | 42,762  |  |
| OTH STS 1/                  | 173.00                                                                         | 182.00 | 179.00 | 18,301        | 12,841 | 23,052  |  |
| U S                         | 160.00                                                                         | 168.00 | 174.00 | 109,609       | 98,628 | 151,379 |  |
| CANNING                     | 151.00                                                                         | 161.00 | 171.00 | 72,505        | 64,375 | 101,819 |  |
| FREEZING                    | 181.00                                                                         | 183.00 | 182.00 | 37,104        | 34,253 | 49,560  |  |
| 1/                          | 1987 - AL, CA, DE, FL, GA, ID, IL, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA.     |        |        |               |        |         |  |
|                             | 1988 - AL, CA, DE, FL, GA, ID, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA.         |        |        |               |        |         |  |
|                             | 1989 - AL, AR, CA, DE, FL, ID, IA, LA, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA. |        |        |               |        |         |  |

# SWEET CORN FOR PROCESSING

| STATE<br>AND<br>UTILIZATION | AREA PLANTED   |         |         | AREA HARVESTED |           |           |
|-----------------------------|----------------|---------|---------|----------------|-----------|-----------|
|                             | 1987           | 1988    | 1989    | 1987           | 1988      | 1989      |
|                             | ACRES          |         |         |                |           |           |
| DEL                         | 5,400          | 5,300   | 6,400   | 5,400          | 5,300     | 6,300     |
| IDAHO                       | 17,800         | 18,800  | 20,600  | 17,800         | 18,200    | 20,200    |
| ILL                         | 30,700         | 31,800  | 40,200  | 27,600         | 30,300    | 36,100    |
| MD                          | 6,500          | 7,000   | 4,700   | 6,300          | 6,800     | 4,600     |
| MINN                        | 130,600        | 127,200 | 112,500 | 112,200        | 124,200   | 106,700   |
| N Y                         | 29,700         | 25,600  | 28,000  | 27,900         | 25,000    | 27,700    |
| OREG                        | 39,300         | 38,500  | 45,600  | 38,900         | 38,500    | 45,500    |
| PA                          | 3,800          | 3,400   | 2,000   | 3,000          | 2,800     | 2,000     |
| WASH                        | 44,600         | 49,700  | 51,700  | 44,600         | 49,200    | 51,200    |
| WIS                         | 147,000        | 151,000 | 162,400 | 140,000        | 138,400   | 152,000   |
| OTH STS 1/                  | 7,930          | 7,500   | 12,650  | 7,220          | 7,500     | 12,150    |
| U S                         | 463,330        | 465,800 | 486,750 | 430,920        | 446,200   | 464,450   |
| CANNING                     | 286,700        | 290,240 | 304,160 | 265,050        | 275,990   | 289,000   |
| FREEZING                    | 176,630        | 175,560 | 182,590 | 165,870        | 170,210   | 175,450   |
|                             | YIELD PER ACRE |         |         | PRODUCTION     |           |           |
|                             | 1987           | 1988    | 1989    | 1987           | 1988      | 1989      |
|                             | TONS           |         |         | TONS           |           |           |
| DEL                         | 4.72           | 4.98    | 5.46    | 25,490         | 26,390    | 34,400    |
| IDAHO                       | 9.35           | 9.00    | 9.01    | 166,430        | 163,800   | 182,000   |
| ILL                         | 5.41           | 3.96    | 5.61    | 149,320        | 119,990   | 202,520   |
| MD                          | 5.16           | 5.04    | 5.24    | 32,510         | 34,270    | 24,100    |
| MINN                        | 6.50           | 4.38    | 6.10    | 729,300        | 544,000   | 650,870   |
| N Y                         | 6.92           | 3.80    | 4.00    | 193,070        | 95,000    | 110,800   |
| OREG                        | 8.84           | 9.18    | 8.68    | 343,880        | 353,430   | 394,940   |
| PA                          | 3.51           | 3.71    | 4.89    | 10,530         | 10,390    | 9,780     |
| WASH                        | 9.02           | 8.75    | 9.19    | 402,290        | 430,500   | 470,530   |
| WIS                         | 5.50           | 4.40    | 5.33    | 770,000        | 608,960   | 810,160   |
| OTH STS 1/                  | 6.07           | 4.49    | 4.88    | 43,810         | 33,670    | 59,240    |
| U S                         | 6.65           | 5.42    | 6.35    | 2,866,630      | 2,420,400 | 2,949,340 |
| CANNING                     | 6.18           | 4.81    | 5.84    | 1,638,330      | 1,328,400 | 1,688,060 |
| FREEZING                    | 7.41           | 6.42    | 7.19    | 1,228,300      | 1,092,000 | 1,261,280 |

SWEET CORN FOR PROCESSING

| STATE<br>AND<br>UTILIZATION | VALUE   |       |       |               |         |         |  |
|-----------------------------|---------|-------|-------|---------------|---------|---------|--|
|                             | PER TON |       |       | TOTAL         |         |         |  |
|                             | 1987    | 1988  | 1989  | 1987          | 1988    | 1989    |  |
|                             | DOLLARS |       |       | 1,000 DOLLARS |         |         |  |
| DEL                         | 54.60   | 69.00 | 68.70 | 1,392         | 1,821   | 2,363   |  |
| IDAHO                       | 53.40   | 53.90 | 57.90 | 8,887         | 8,829   | 10,538  |  |
| ILL                         | 62.90   | 69.40 | 66.50 | 9,392         | 8,327   | 13,468  |  |
| MD                          | 58.00   | 62.80 | 73.30 | 1,886         | 2,152   | 1,767   |  |
| MINN                        | 56.10   | 55.60 | 61.50 | 40,914        | 30,246  | 40,029  |  |
| N Y                         | 57.00   | 55.70 | 60.80 | 11,005        | 5,292   | 6,737   |  |
| OREG                        | 64.20   | 71.30 | 80.50 | 22,077        | 25,200  | 31,793  |  |
| PA                          | 50.00   | 52.40 | 54.00 | 527           | 544     | 528     |  |
| WASH                        | 67.10   | 64.80 | 74.50 | 26,994        | 27,908  | 35,054  |  |
| WIS                         | 57.50   | 57.10 | 63.00 | 44,275        | 34,772  | 51,040  |  |
| OTH STS 1/                  | 60.10   | 58.80 | 66.70 | 2,635         | 1,979   | 3,950   |  |
| U S                         | 59.30   | 60.80 | 66.90 | 169,984       | 147,070 | 197,267 |  |
| CANNING                     | 56.70   | 58.90 | 65.20 | 92,852        | 78,253  | 110,119 |  |
| FREEZING                    | 62.80   | 63.00 | 69.10 | 77,132        | 68,817  | 87,148  |  |

1/ 1987 - IN, IA, MI, NJ.  
1988 - IN, IA, MI.  
1989 - IN, IA, MI, NJ, VA.

# CUCUMBERS FOR PROCESSING

| STATE      | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|------------|----------------|---------|---------|----------------|---------|---------|
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | ACRES          |         |         |                |         |         |
| CALIF      | 4,100          | 3,800   | 4,300   | 4,100          | 3,800   | 4,300   |
| COLO       | 1,300          | 1,600   | 1,400   | 1,300          | 1,500   | 1,300   |
| FLA        | 4,000          | 6,000   | 2,700   | 3,900          | 6,000   | 2,700   |
| IND        | 1,100          | 1,300   | 1,800   | 1,100          | 1,200   | 1,700   |
| MD         | 2,200          |         |         | 2,200          |         |         |
| MICH       | 25,000         | 25,000  | 25,500  | 24,000         | 23,000  | 24,500  |
| N J        | 560            | 580     | 670     | 560            | 580     | 670     |
| N C        | 24,900         | 26,100  | 27,700  | 24,700         | 25,900  | 26,500  |
| OHIO       | 4,800          | 4,300   | 4,100   | 4,500          | 3,900   | 3,700   |
| OREG       | 1,900          | 2,200   | 2,400   | 1,900          | 2,200   | 2,400   |
| S C        | 13,300         | 11,400  | 12,600  | 13,200         | 11,200  | 11,100  |
| TEX        | 9,800          | 14,100  | 18,300  | 9,800          | 14,100  | 18,100  |
| WASH       | 1,700          | 1,400   | 1,700   | 1,700          | 1,400   | 1,700   |
| WIS        | 5,800          | 6,800   | 6,800   | 5,700          | 6,800   | 6,700   |
| OTH STS 1/ | 11,130         | 17,900  | 20,600  | 10,970         | 17,290  | 18,800  |
| U S        | 111,590        | 122,480 | 130,570 | 109,630        | 118,870 | 124,170 |
|            | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|            | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|            | TONS           |         |         |                |         |         |
| CALIF      | 15.00          | 18.16   | 12.20   | 61,500         | 69,010  | 52,460  |
| COLO       | 9.62           | 10.85   | 8.12    | 12,510         | 16,280  | 10,560  |
| FLA        | 6.00           | 6.00    | 5.30    | 23,400         | 36,000  | 14,310  |
| IND        | 11.13          | 9.50    | 9.30    | 12,240         | 11,400  | 15,810  |
| MD         | 7.40           |         |         | 16,280         |         |         |
| MICH       | 6.70           | 5.50    | 6.00    | 160,800        | 126,500 | 147,000 |
| N J        | 8.75           | 6.02    | 6.13    | 4,900          | 3,490   | 4,110   |
| N C        | 3.42           | 3.88    | 3.28    | 84,470         | 100,490 | 86,920  |
| OHIO       | 10.40          | 9.30    | 10.62   | 46,800         | 36,270  | 39,290  |
| OREG       | 12.08          | 12.10   | 12.23   | 22,950         | 26,620  | 29,350  |
| S C        | 2.95           | 3.55    | 3.31    | 38,940         | 39,760  | 36,740  |
| TEX        | 4.80           | 3.80    | 3.75    | 47,040         | 53,580  | 67,880  |
| WASH       | 9.98           | 10.22   | 10.19   | 16,970         | 14,310  | 17,320  |
| WIS        | 8.03           | 6.90    | 7.59    | 45,770         | 46,920  | 50,850  |
| OTH STS 1/ | 3.73           | 4.10    | 3.73    | 40,880         | 70,950  | 70,090  |
| U S        | 5.80           | 5.48    | 5.18    | 635,450        | 651,580 | 642,690 |



# CUCUMBERS FOR PROCESSING

| STATE      | VALUE   |        |        |               |         |         |  |
|------------|---------|--------|--------|---------------|---------|---------|--|
|            | PER TON |        |        | TOTAL         |         |         |  |
|            | 1987    | 1988   | 1989   | 1987          | 1988    | 1989    |  |
|            | DOLLARS |        |        | 1,000 DOLLARS |         |         |  |
| CALIF      | 198.00  | 213.00 | 247.00 | 12,177        | 14,699  | 12,958  |  |
| COLO       | 169.00  | 123.00 | 140.00 | 2,114         | 2,002   | 1,478   |  |
| FLA        | 316.00  | 300.00 | 365.00 | 7,394         | 10,800  | 5,223   |  |
| IND        | 160.00  | 148.00 | 133.00 | 1,958         | 1,687   | 2,103   |  |
| MD         | 203.00  |        |        | 3,305         |         |         |  |
| MICH       | 139.00  | 156.00 | 168.00 | 22,351        | 19,734  | 24,696  |  |
| N J        | 194.00  | 197.00 | 195.00 | 951           | 688     | 801     |  |
| N C        | 196.00  | 207.00 | 223.00 | 16,556        | 20,801  | 19,383  |  |
| OHIO       | 178.00  | 198.00 | 196.00 | 8,330         | 7,181   | 7,701   |  |
| OREG       | 157.00  | 177.00 | 164.00 | 3,603         | 4,712   | 4,813   |  |
| S C        | 192.00  | 216.00 | 218.00 | 7,476         | 8,588   | 8,009   |  |
| TEX        | 236.00  | 269.00 | 265.00 | 11,101        | 14,413  | 17,988  |  |
| WASH       | 180.00  | 187.00 | 177.00 | 3,055         | 2,676   | 3,066   |  |
| WIS        | 163.00  | 187.00 | 184.00 | 7,461         | 8,774   | 9,356   |  |
| OTH STS 1/ | 160.00  | 189.00 | 193.00 | 6,542         | 13,439  | 13,507  |  |
| U S        | 180.00  | 200.00 | 204.00 | 114,374       | 130,194 | 131,082 |  |

1/ 1987 - AL, AZ, AR, DE, GA, ID, IL, KY, MA, MN, MS, MO, NE, VA.  
1988 - 89: AL, AZ, AR, DE, GA, ID, IL, IA, KY, LA, MD, MA, MN, MS, MO,  
NY, TN, VA.

# GREEN PEAS FOR PROCESSING

| STATE<br>AND<br>UTILIZATION | AREA PLANTED   |         |         | AREA HARVESTED |         |         |
|-----------------------------|----------------|---------|---------|----------------|---------|---------|
|                             | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                             | ACRES          |         |         |                |         |         |
| DEL                         | 9,700          | 7,700   | 8,500   | 9,700          | 7,700   | 8,100   |
| MINN                        | 82,000         | 75,000  | 80,500  | 76,300         | 74,100  | 73,700  |
| N Y                         | 10,200         | 9,800   | 11,500  | 9,900          | 9,700   | 10,600  |
| OREG                        | 34,500         | 26,400  | 35,500  | 33,300         | 26,000  | 34,100  |
| WASH                        | 41,800         | 50,100  | 56,100  | 41,500         | 48,200  | 55,700  |
| WIS                         | 85,500         | 84,400  | 89,000  | 82,500         | 79,900  | 85,000  |
| OTH STS 1/                  | 38,500         | 39,500  | 51,600  | 37,100         | 38,300  | 49,300  |
| U S                         | 302,200        | 292,900 | 332,700 | 290,300        | 283,900 | 316,500 |
| CANNING                     | 163,650        | 151,850 | 165,900 | 158,040        | 147,250 | 155,150 |
| FREEZING                    | 138,550        | 141,050 | 166,800 | 132,260        | 136,650 | 161,350 |
|                             | YIELD PER ACRE |         |         | PRODUCTION     |         |         |
|                             | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                             | TONS           |         |         |                |         |         |
| DEL                         | 1.28           | 1.53    | 1.18    | 12,420         | 11,780  | 9,560   |
| MINN                        | 1.37           | .72     | 1.54    | 104,530        | 53,350  | 113,500 |
| N Y                         | 1.64           | 1.20    | 1.60    | 16,240         | 11,640  | 16,960  |
| OREG                        | 1.31           | 1.44    | 1.41    | 43,620         | 37,440  | 48,080  |
| WASH                        | 2.06           | 1.87    | 1.78    | 85,490         | 90,130  | 99,150  |
| WIS                         | 1.39           | .68     | 1.53    | 114,680        | 54,330  | 130,050 |
| OTH STS 1/                  | 1.69           | 1.42    | 1.77    | 62,550         | 54,470  | 87,360  |
| U S                         | 1.51           | 1.10    | 1.59    | 439,530        | 313,140 | 504,660 |
| CANNING                     | 1.43           | .86     | 1.59    | 226,140        | 126,740 | 247,040 |
| FREEZING                    | 1.61           | 1.36    | 1.60    | 213,390        | 186,400 | 257,620 |
|                             | VALUE          |         |         |                |         |         |
|                             | PER TON        |         |         | TOTAL          |         |         |
|                             | 1987           | 1988    | 1989    | 1987           | 1988    | 1989    |
|                             | DOLLARS        |         |         | 1,000 DOLLARS  |         |         |
| DEL                         | 229.00         | 180.00  | 233.00  | 2,844          | 2,120   | 2,227   |
| MINN                        | 214.00         | 259.00  | 250.00  | 22,369         | 13,818  | 28,375  |
| N Y                         | 261.00         | 290.00  | 285.00  | 4,239          | 3,376   | 4,834   |
| OREG                        | 200.00         | 192.00  | 220.00  | 8,724          | 7,188   | 10,578  |
| WASH                        | 254.00         | 237.00  | 262.00  | 21,714         | 21,361  | 25,977  |
| WIS                         | 217.00         | 251.00  | 224.00  | 24,886         | 13,637  | 29,131  |
| OTH STS 1/                  | 221.00         | 214.00  | 216.00  | 13,800         | 11,666  | 18,841  |
| U S                         | 224.00         | 234.00  | 238.00  | 98,576         | 73,166  | 119,963 |
| CANNING                     | 211.00         | 244.00  | 237.00  | 47,702         | 30,950  | 58,646  |
| FREEZING                    | 238.00         | 226.00  | 238.00  | 50,874         | 42,216  | 61,317  |

1/ 1987 - CA, ID, IL, IA, ME, MD, MI, NJ, PA. 1988 - CA, ID, IL, ME, MD, MI, NJ, PA. 1989 - CA, ID, IL, IN, IA, ME, MD, MI, NJ, PA.

TOMATOES FOR PROCESSING

| STATE      | AREA PLANTED   |         |         | AREA HARVESTED |           |           |
|------------|----------------|---------|---------|----------------|-----------|-----------|
|            | 1987           | 1988    | 1989    | 1987           | 1988      | 1989      |
|            | ACRES          |         |         |                |           |           |
| CALIF      | 217,000        | 228,300 | 290,000 | 214,000        | 226,100   | 276,500   |
| COLO       | 710            | 700     | 220     | 590            | 680       | 190       |
| DEL        |                | 1,100   | 510     |                | 1,000     | 470       |
| IND        | 7,000          | 7,900   | 8,100   | 6,700          | 7,500     | 7,800     |
| MD         | 1,800          | 2,900   | 970     | 1,700          | 2,700     | 970       |
| MICH       | 5,300          | 5,600   | 5,600   | 5,000          | 5,200     | 5,400     |
| N J        | 3,100          | 3,400   | 3,100   | 2,900          | 3,300     | 3,000     |
| N Y        |                | 2,400   | 2,000   |                | 2,300     | 1,900     |
| OHIO       | 16,500         | 17,900  | 17,700  | 16,000         | 17,700    | 17,500    |
| PA         | 2,500          | 2,300   | 1,700   | 2,100          | 2,000     | 1,700     |
| OTH STS 1/ | 9,510          | 6,570   | 6,310   | 8,410          | 6,440     | 5,420     |
| U S        | 263,420        | 279,070 | 336,210 | 257,400        | 274,920   | 320,850   |
|            | YIELD PER ACRE |         |         | PRODUCTION     |           |           |
|            | 1987           | 1988    | 1989    | 1987           | 1988      | 1989      |
|            | TONS           |         |         |                |           |           |
| CALIF      | 31.32          | 28.96   | 31.05   | 6,702,480      | 6,547,860 | 8,585,330 |
| COLO       | 12.86          | 18.15   | 19.00   | 7,590          | 12,340    | 3,610     |
| DEL        |                | 6.72    | 7.77    |                | 6,720     | 3,650     |
| IND        | 23.41          | 20.82   | 20.20   | 156,850        | 156,150   | 157,560   |
| MD         | 13.19          | 9.00    | 12.69   | 22,420         | 24,300    | 12,310    |
| MICH       | 23.70          | 21.60   | 24.60   | 118,500        | 112,320   | 132,840   |
| N J        | 19.40          | 12.70   | 10.53   | 56,260         | 41,910    | 31,590    |
| N Y        |                | 17.04   | 18.63   |                | 39,190    | 35,400    |
| OHIO       | 23.00          | 20.30   | 22.36   | 368,000        | 359,310   | 391,300   |
| PA         | 14.14          | 13.93   | 20.80   | 29,690         | 27,860    | 35,360    |
| OTH STS 1/ | 17.35          | 12.73   | 17.62   | 145,900        | 81,960    | 95,520    |
| U S        | 29.56          | 26.95   | 29.56   | 7,607,690      | 7,409,920 | 9,484,470 |
|            | VALUE          |         |         |                |           |           |
|            | PER TON        |         |         | TOTAL          |           |           |
|            | 1987           | 1988    | 1989    | 1987           | 1988      | 1989      |
|            | DOLLARS        |         |         | 1,000 DOLLARS  |           |           |
| CALIF      | 57.20          | 58.90   | 66.30   | 383,382        | 385,669   | 569,207   |
| COLO       | 84.20          | 72.70   | 95.00   | 639            | 897       | 343       |
| DEL        |                | 74.10   | 89.70   |                | 498       | 327       |
| IND        | 75.30          | 80.90   | 79.00   | 11,811         | 12,633    | 12,447    |
| MD         | 78.00          | 74.90   | 89.00   | 1,749          | 1,820     | 1,096     |
| MICH       | 69.20          | 68.20   | 72.80   | 8,200          | 7,660     | 9,671     |
| N J        | 72.00          | 75.00   | 88.60   | 4,051          | 3,143     | 2,799     |
| N Y        |                | 76.40   | 93.00   |                | 2,994     | 3,292     |
| OHIO       | 71.70          | 71.60   | 77.20   | 26,386         | 25,727    | 30,208    |
| PA         | 75.60          | 75.90   | 93.50   | 2,245          | 2,115     | 3,306     |
| OTH STS 1/ | 75.70          | 81.00   | 77.60   | 11,040         | 6,641     | 7,417     |
| U S        | 59.10          | 60.70   | 67.50   | 449,503        | 449,797   | 640,113   |

1/ 1987 - DE, FL, IL, IA, NM, NY, NC, SC, TX, UT, VA.  
 1988 - 89: FL, IL, IA, SC, TX, VA.

VEGETABLES FOR PROCESSING: AREA AND PRODUCTION BY TYPE OF PROCUREMENT  
UNITED STATES, 1988 AND 1989

| CROP        | AREA    |         |           |         | PRODUCTION |           |
|-------------|---------|---------|-----------|---------|------------|-----------|
|             | PLANTED |         | HARVESTED |         |            |           |
|             | 1988    | 1989    | 1988      | 1989    | 1988       | 1989      |
|             | ACRES   |         |           |         | TONS       |           |
| BEAN, SNAP  |         |         |           |         |            |           |
| CONTRACT    | 208,400 | 252,110 | 193,900   | 237,710 | 535,310    | 838,730   |
| OPEN MARKET | 24,750  | 12,190  | 23,750    | 11,290  | 52,970     | 30,970    |
| SWEET CORN  |         |         |           |         |            |           |
| CONTRACT    | 464,800 | 484,250 | 445,200   | 461,950 | 2,416,750  | 2,935,960 |
| OPEN MARKET | 1,000   | 2,500   | 1,000     | 2,500   | 3,650      | 13,380    |
| CUCUMBERS   |         |         |           |         |            |           |
| CONTRACT    | 98,510  | 109,450 | 96,000    | 103,850 | 533,180    | 547,780   |
| OPEN MARKET | 23,970  | 21,120  | 22,870    | 20,320  | 118,400    | 94,910    |
| PEAS, GREEN |         |         |           |         |            |           |
| CONTRACT    | 292,900 | 331,400 | 283,900   | 315,200 | 313,140    | 502,910   |
| OPEN MARKET |         | 1,300   |           | 1,300   |            | 1,750     |
| TOMATOES    |         |         |           |         |            |           |
| CONTRACT    | 272,990 | 323,740 | 268,960   | 313,880 | 7,267,130  | 9,303,020 |
| OPEN MARKET | 6,080   | 12,470  | 5,960     | 6,970   | 142,790    | 181,450   |