VEGETABLES — PROCESSING

ALBERT R. MANN
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Release: August 11, 1959
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AUG 1 1959
ACREAGE, CONDITION AND INDICATED PRODUCTION
OF PRINCIPAL COMMERCIAL CROPS

August 1, 1959

SUMMARY: The indicated production of six important vegetables for commercial
processing in 1959 is 5 percent less than in 1958 but 13 percent above
the average for the preceding 10-year period, according to the Crop Reporting
Board. The total tonnage of the six crops for which production forecasts have
been made is 6.36 million tons. This compares with 6.68 million tons in 1958
and the average of 5.62 million tons. These six crops usually account for about
seven-eighths of the total tonnage of the ten processing vegetables for which
official estimates are made. Increases in expected production over last year
are: snap beans, up 7 percent; cabbage for kraut (contract), 1 percent; sweet
corn, 22 percent; and spinach (winter and spring), 45 percent. More than off-
setting these increases are declines from last year's production; green peas
are down 5 percent and tomatoes are 15 percent lower. Estimates of planted
acreage have been made for three additional crops, but production forecasts
have not yet been made. Reductions in planted acreages from 1958 are: green
lima beans, 2 percent; beets, 9 percent; and cucumbers for pickles, 12 percent.

Growing conditions were generally favorable during July. Most areas that were
in need of rain a month ago had ample moisture by mid-July. Exceptions to this
were spots in Pennsylvania and Upstate New York. Some early snap beans suffered
from lack of moisture before relief came. Otherwise most crops did well.
Cracking of canning tomatoes has been prevalent in the central Atlantic coast
States as a result of over abundant rainfall. Progress of all crops in the
mid-west has been good. The northern tier of these States was needing rain by
the end of July. Hail did some damage in Ohio. Hot, dry weather in the Pacific
Northwest since mid-July has not been favorable for best growth. Above normal
temperatures in California pushed crops along at a rapid pace, some being ahead of
schedule. Heat at the bloom stage caused the loss of some potential production
of snap beans and tomatoes.

SNAP BEANS: Production of snap beans for processing is now forecast at 385,500 tons.
This level is 7 percent above the 1958 production and a third higher
than average. If this year's indicated production is realized, it will set a new
record for this crop. The August 1 indicated yield of snap beans is 2.4 tons per
acre. This is the same as that made in 1958 and 0.2 tons per acre above average.
Production prospects for the nation have changed very little since July 1. The
crops in Pennsylvania, Delaware and Maryland have improved slightly as a result of
needed rains falling during the past month. Offsetting the improvement in these
States were declines in yield prospects in Colorado, Washington and California.
Above normal temperatures earlier in the season caused some shedding of blooms in
California, and hot, dry weather in Washington was harmful.
CABBAGE FOR KRAUT: Contract production of cabbage for sauerkraut is forecast at approximately 126,800 tons, slightly more than last year and nearly a fifth above average. This estimate includes production from acreage grown by kraut packers on their own or leased land as well as production grown under contract on either an acreage or a tonnage basis. It does not include open market purchases. No information is available at this time on the tonnage from the 1959 crop which will be purchased on the open market. An estimate of such purchases will be made in December. Last year, kraut packers purchased 77,700 tons or 38 percent of their total supplies on the open market. The 10-year average open market purchases amount to 93,900 tons or 47 percent of the total quantity used for kraut.

The total early fall crop, which will provide the bulk of the cabbage used for kraut, is indicated at 442,450 tons, 13 percent less than last year and 10 percent below average. Most of the reduction is expected in States which are relatively heavy kraut producers.

SWEET CORN: The indicated production of sweet corn for processing in 1959 is approximately 1,611,400 tons. If realized, this production will be 22 percent higher than that in 1958 and 17 percent above average. This larger production results not only from a 12 percent larger acreage than last year but a 9 percent higher average yield per acre. Yields in the central East Coast States are under those of last year because of lack of rainfall in June and early July. Rains since July 10 relieved the drought condition but some early acreage was lost. In the important Mid-West sweet corn producing States, August 1 indications point to yields exceeding last year's except in Iowa. The Iowa yield per acre is only slightly below 1958. Corn in Minnesota and Wisconsin was beginning to need rain on August 1. Recent hot weather in the Northwest has been unfavorable for the crop, but good yields are still expected.

TOMATOES: The first forecast of tomatoes for processing points to a production of approximately 3,614,000 tons in 1959. This August 1 indicated production is 15 percent below last year's crop but 10 percent above the average annual production for the preceding 10 years. Conditions on August 1 were generally good throughout the nation. An average yield of 12.6 tons per acre is expected for the country. This compares with 12.4 last year and the average of 9.7 tons per acre. The central Atlantic Coast States received more than ample rainfall during July and cracking is prevalent. Tomatoes in Pennsylvania and Upstate New York were needing rain on August 1. Overall conditions in the Central States have been good. Vines throughout California are generally healthy and growing vigorously, as well as being about two weeks ahead of normal. However, hot weather in June and mid-July caused considerable shedding of blooms. A yield slightly under that of last year is expected.
**VEGETABLES - PROCESSING**

**PRELIMINARY ACREAGE AND INDICATED PRODUCTION, BY CROPS, UNITED STATES**

**1959 with comparisons**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PLANTED ACREAGE</th>
<th>HARVESTED ACREAGE</th>
<th>PRODUCTION</th>
</tr>
</thead>
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<td></td>
<td>Acres</td>
<td>Acres</td>
<td>Acres</td>
</tr>
<tr>
<td></td>
<td>Harvested</td>
<td>Harvested</td>
<td>Production</td>
</tr>
<tr>
<td></td>
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<td>Preliminary</td>
<td>Indicated</td>
</tr>
<tr>
<td></td>
<td>1948-57</td>
<td>1948-57</td>
<td>1959</td>
</tr>
<tr>
<td></td>
<td>Average 1958</td>
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<td></td>
<td></td>
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<td>1958</td>
</tr>
<tr>
<td></td>
<td>1958</td>
<td></td>
<td>1958</td>
</tr>
<tr>
<td>Snap Beans</td>
<td>138,100</td>
<td>159,700</td>
<td>167,100</td>
</tr>
<tr>
<td></td>
<td>131,800</td>
<td>151,160</td>
<td>163,200</td>
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<tr>
<td></td>
<td>290,700</td>
<td>360,700</td>
<td>385,500</td>
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<tr>
<td>Cabbage for kraut (contract)</td>
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<td>7,760</td>
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<td></td>
<td>8,700</td>
<td>7,490</td>
<td>8,060</td>
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<tr>
<td></td>
<td>106,800</td>
<td>125,300</td>
<td>126,800</td>
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<td>Sweet Corn</td>
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<td>403,040</td>
<td>451,020</td>
</tr>
<tr>
<td></td>
<td>442,600</td>
<td>386,410</td>
<td>431,300</td>
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<td></td>
<td>1,376,100</td>
<td>1,321,600</td>
<td>1,611,400</td>
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<td>Green Peas</td>
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<td>427,900</td>
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<tr>
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<td>449,800</td>
<td>485,500</td>
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<td>Spinach (Winter &amp; Spring)</td>
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<td>26,880</td>
<td>29,950</td>
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<tr>
<td></td>
<td>26,820</td>
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<td>28,030</td>
</tr>
<tr>
<td></td>
<td>99,100</td>
<td>92,300</td>
<td>134,100</td>
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<tr>
<td>Tomatoes</td>
<td>317,500</td>
<td>360,700</td>
<td>*293,700</td>
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<tr>
<td></td>
<td>340,300</td>
<td>345,850</td>
<td>289,100</td>
</tr>
<tr>
<td></td>
<td>2,298,300</td>
<td>4,287,300</td>
<td>3,641,000</td>
</tr>
</tbody>
</table>

**TOTALS - with 1959**

| Production             | 1,449,300       | 1,354,330         | 1,309,310  |
|                        | 1,291,410       | 1,263,790         | 5,621,100  |
|                        | 6,675,700       | 6,360,600         |            |
| Green lima beans       | 106,600         | 89,150            | 87,640     |
|                        | 101,600         | 81,680            |            |
|                        | 153,300         | 152,100           |            |
| Beets                  | 18,800          | 16,660            | 15,110     |
|                        | 17,600          | 16,060            |            |
|                        | 293,500         | 356,800           |            |
| Cucumbers for pickles  | 112,400         | 126,180           | 111,590    |
|                        | 131,800         | 119,650           |            |
|                        | 2,298,300       | 4,287,300         |            |

**TOTALS - with 1959**

| Planted Acreage        | 1,717,100       | 1,586,320         | 1,523,650  |
|                        | 1,629,120       | 1,508,800         | 6,161,200  |
|                        | 7,237,500       | 6,628,060         |            |
| Asparagus              | 95,200          | 107,230           | Dec. 16    |
|                        | 95,200          | 107,230           |            |
|                        | 105,830         | 111,200           |            |
| Cabbage for kraft (open market) | 7,200       | 4,460             | Dec. 16    |
|                        | 7,200           | 4,460             |            |
|                        | 93,900          | 77,700            |            |
| Spinach (Fall) 1/      | 9,510           | 10,920            | Nov. 10    |
|                        | 6,480           | 7,570             | Nov. 10    |
|                        | 25,600          | 31,500            |            |

**TOTALS-10 vegetables** | 1,828,300       | 1,708,930         | 1,737,500  |
|                        | 1,628,060       | 1,631,200         | 7,493,800  |

1/ 1949-57 averages.    * Revised
Snap beans for processing: Preliminary acreage and indicated production, by States, 1959 with Comparisons

<table>
<thead>
<tr>
<th>State</th>
<th>Harvested Acreage</th>
<th>Yield Per Acre</th>
<th>Production</th>
</tr>
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<tbody>
<tr>
<td>Maine</td>
<td>2,400</td>
<td>2,000</td>
<td>1,800</td>
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<tr>
<td>New York</td>
<td>29,600</td>
<td>39,000</td>
<td>37,500</td>
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<tr>
<td>Pennsylvania</td>
<td>6,800</td>
<td>5,800</td>
<td>5,500</td>
</tr>
<tr>
<td>Michigan</td>
<td>6,600</td>
<td>7,000</td>
<td>7,200</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>6,100</td>
<td>21,700</td>
<td>22,500</td>
</tr>
<tr>
<td>Delaware</td>
<td>2,300</td>
<td>3,400</td>
<td>4,500</td>
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<tr>
<td>Maryland</td>
<td>10,800</td>
<td>10,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Virginia</td>
<td>3,900</td>
<td>3,400</td>
<td>4,000</td>
</tr>
<tr>
<td>North Carolina</td>
<td>2,500</td>
<td>4,600</td>
<td>4,500</td>
</tr>
<tr>
<td>South Carolina</td>
<td>1,000</td>
<td>800</td>
<td>1,000</td>
</tr>
<tr>
<td>Florida 1/</td>
<td>10,400</td>
<td>9,200</td>
<td>10,100</td>
</tr>
<tr>
<td>Tennessee</td>
<td>5,600</td>
<td>7,300</td>
<td>7,500</td>
</tr>
<tr>
<td>Arkansas</td>
<td>4,800</td>
<td>3,100</td>
<td>2,700</td>
</tr>
<tr>
<td>Louisiana</td>
<td>720</td>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>3,000</td>
<td>3,800</td>
<td>3,100</td>
</tr>
<tr>
<td>Texas</td>
<td>7,200</td>
<td>8,200</td>
<td>11,500</td>
</tr>
<tr>
<td>Colorado</td>
<td>1,800</td>
<td>1,700</td>
<td>1,700</td>
</tr>
<tr>
<td>Washington</td>
<td>2,200</td>
<td>1,800</td>
<td>1,800</td>
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<tr>
<td>Oregon</td>
<td>8,100</td>
<td>10,700</td>
<td>11,300</td>
</tr>
<tr>
<td>California</td>
<td>2,500</td>
<td>3,200</td>
<td>3,700</td>
</tr>
<tr>
<td>Other States 2/</td>
<td>7,800</td>
<td>8,760</td>
<td>10,300</td>
</tr>
<tr>
<td>United States</td>
<td>131,800</td>
<td>151,160</td>
<td>163,200</td>
</tr>
</tbody>
</table>

1/ Sum of estimates by seasonal groups.

2/ Alabama, Georgia, Idaho, Illinois, Indiana, Iowa, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, Ohio, Utah, Vermont and Wyoming.
Cabbage for sauerkraut: Preliminary acreage and indicated production by States, 1959 with comparisons

<table>
<thead>
<tr>
<th>STATE</th>
<th>CONTRACT ACREAGE</th>
<th>YIELD PER ACRE ON</th>
<th>PRODUCTION ON</th>
<th>TOTAL</th>
</tr>
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<td></td>
<td>HARVESTED 1/</td>
<td>: Prelim -</td>
<td>: Indi -</td>
<td>: Indi -</td>
</tr>
<tr>
<td></td>
<td>Acres</td>
<td>Acres</td>
<td>Acres</td>
<td>Tons</td>
</tr>
<tr>
<td>New York</td>
<td>1,700</td>
<td>1,400</td>
<td>2,000</td>
<td>13.7</td>
</tr>
<tr>
<td>Ohio</td>
<td>1,300</td>
<td>1,400</td>
<td>900</td>
<td>13.4</td>
</tr>
<tr>
<td>Indiana</td>
<td>1,200</td>
<td>600</td>
<td>600</td>
<td>7.2</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>2,200</td>
<td>1,900</td>
<td>1,900</td>
<td>12.8</td>
</tr>
<tr>
<td>Other States 3/</td>
<td>2,300</td>
<td>2,190</td>
<td>2,660</td>
<td>13.0</td>
</tr>
<tr>
<td>United States</td>
<td>8,700</td>
<td>7,190</td>
<td>8,060</td>
<td>12.2</td>
</tr>
</tbody>
</table>

1/ Contract acreage includes acreage grown by packers on own or leased land, acreage grown under contract with growers, and equivalent acreage for contracted tonnage.

2/ Total production includes tonnage obtained from contract acreage (Footnote 1) and tonnage purchased on the open market.

Sweet corn for processing: Preliminary acreage and indicated production by States, 1959 with comparisons

<table>
<thead>
<tr>
<th>STATE</th>
<th>HARVESTED ACREAGE</th>
<th>YIELD PER ACRE</th>
<th>PRODUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acres</td>
<td>Acres</td>
<td>Acres</td>
</tr>
<tr>
<td>Maine</td>
<td>7,000</td>
<td>3,800</td>
<td>3,600</td>
</tr>
<tr>
<td>New York</td>
<td>22,900</td>
<td>19,600</td>
<td>20,000</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>11,800</td>
<td>8,500</td>
<td>9,800</td>
</tr>
<tr>
<td>Ohio</td>
<td>11,900</td>
<td>5,200</td>
<td>5,800</td>
</tr>
<tr>
<td>Indiana</td>
<td>26,100</td>
<td>18,000</td>
<td>17,500</td>
</tr>
<tr>
<td>Illinois</td>
<td>61,700</td>
<td>51,900</td>
<td>61,500</td>
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<tr>
<td>Wisconsin</td>
<td>99,700</td>
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<td>112,000</td>
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<tr>
<td>Minnesota</td>
<td>84,100</td>
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<td>93,000</td>
</tr>
<tr>
<td>Iowa</td>
<td>23,700</td>
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<td>8,000</td>
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<tr>
<td>Delaware</td>
<td>4,500</td>
<td>4,300</td>
<td>5,500</td>
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<tr>
<td>Maryland</td>
<td>32,200</td>
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<td>30,000</td>
</tr>
<tr>
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<td>Oregon</td>
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<tr>
<td>Other States</td>
<td>20,500</td>
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<td>18,600</td>
</tr>
<tr>
<td>United States</td>
<td>144,260</td>
<td>386,410</td>
<td>431,300</td>
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1/ Arkansas, California, Colorado, Louisiana, Michigan, Montana, Nebraska, New Hampshire, New Jersey, Oklahoma, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia and Wyoming.
Tomatoes for processing: Preliminary acreage and indicated production by States, 1959 with comparisons

<table>
<thead>
<tr>
<th>State</th>
<th>Acres</th>
<th>Harvested Acreage</th>
<th>Yield Per Acre</th>
<th>Production</th>
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</thead>
<tbody>
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<td>Prelim:</td>
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<td>Indi-</td>
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<tr>
<td>New York</td>
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<td>New Jersey</td>
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<td>Pennsylvania</td>
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<tr>
<td>Florida 1/</td>
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<td>Kentucky</td>
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<tr>
<td>Other States 2/</td>
<td>4,400</td>
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<td></td>
</tr>
<tr>
<td>United States</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

/ Sum of estimates by seasonal groups.

/ Alabama, Arizona, Connecticut, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oklahoma, Oregon, Tennessee, Washington and West Virginia.
Condition of specified vegetables for processing, by States, 1959 with comparisons

<table>
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<tr>
<th>CROP AND STATE</th>
<th>:Average:</th>
<th>:Percent:</th>
<th>:Percent:</th>
<th>:Percent:</th>
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</thead>
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<tr>
<td><strong>LIMA BEANS:</strong></td>
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<td></td>
</tr>
<tr>
<td>New York</td>
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<td></td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>81</td>
<td>94</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>Michigan</td>
<td>86</td>
<td>90</td>
<td>96</td>
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</tr>
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<td>Wisconsin</td>
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