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The record-large 1966/67 orange crop prompted a heavy pack of frozen concentrated orange juice in Florida. So despite strong movement, carryin at the start of the 1967/68 season was more than twice as large as a year earlier.

Florida orange output this season is expected to be about a third smaller than last season's. The anticipated educton in the frozen concentrate pack is likely to offset the higher carrying, and result in smaller total supplies for the 1967/68 season.

## FROZEN CONCENTRATED ORANGE JUICE

Total Florida Supplies*


IN THIS ISSUE
Fruit Prospects, First Half of 1968

Geographic Importance of Fruit, 1966

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Table 1.--Citrus fruits: Production, average 1961-65, annual 1965, 1966 and indicated 1967

| Crop and State | : | Average $1961-65$ | : | 1965 |  | 1966 | : | $\begin{aligned} & \text { Indicated } \\ & 1967 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : | $\begin{aligned} & 1,000 \\ & \text { boxes } 1 / \end{aligned}$ |  | $\begin{aligned} & 1,000 \\ & \text { boxes } 1 / \end{aligned}$ |  | $\begin{aligned} & 1,000 \\ & \text { boxes } 1 / \end{aligned}$ |  | $\begin{aligned} & 1,000 \\ & \text { boxes } 1 / \end{aligned}$ |
| Oranges: | : |  |  |  |  |  |  |  |
| Early, Midseason and | : |  |  |  |  |  |  |  |
| Navel varieties: 2/ | : |  |  |  |  |  |  |  |
| California | : | 13,740 |  | 18,700 |  | 17,400 |  | 10,000 |
| Florida, all | : | 45,620 |  | 51,500 |  | 78,200 |  | 54,400 |
| Temple | : | 3,660 |  | 4,500 |  | 5,000 |  | 4,400 |
| Other | : | 41,960 |  | 47,000 |  | 73,200 |  | 50,000 |
| Texas | : | 655 |  | 880 |  | 1,700 |  | 1,000 |
| Arizona | : | 3/768 |  | 960 |  | 860 |  | 900 |
| Louisiana | : | - 59 |  | 4/ |  | 4/ |  | 4/ |
| Total |  | 60,842 |  | 72,040 |  | 98,160 |  | 66,300 |
| Valencia: | : |  |  |  |  |  |  |  |
| California | : | 15,960 |  | 17,800 |  | 20,000 |  |  |
| Florida | : | 40,940 |  | 48,900 |  | 66,300 |  | 44,000 |
| Texas | : | 297 |  | 420 |  | 1,100 |  | 700 |
| Arizona | : | 1,240 |  | 1,460 |  | 3,050 |  | 2,800 |
| Total |  | 58,437 |  | 68,580 |  | 90,450 |  | 59.500 |
| All oranges: |  |  |  |  |  |  |  |  |
| California | : | 29,700 |  | 36,500 |  | 37,400 |  |  |
| Florida | : | 86,560 |  | 100,400 |  | 144,500 |  | 98,400 |
| Texas | : | 952 |  | 1,300 |  | 2,800 |  | 1,700 |
| Arizona | : | 3/2,008 |  | 2,420 |  | 3,910 |  | 3,700 |
| Louisiana | : | 3/59 |  | 4/ |  | 4/ |  | 4/ |
| Total all oranges |  | 119,279 |  | 140,620 |  | 188,610 |  | 125,800 |
| Grapefruit: |  |  |  |  |  |  |  |  |
| Florida, all | : | 31,620 |  | 34,900 |  | 43,600 |  | 32,500 |
| Seedless | : | 21,780 |  | 23,700 |  | 30,100 |  | 22,500 |
| Pink | : | 8,420 |  | 9,300 |  | 11,500 |  | 9,000 |
| White | : | 13,360 |  | 14,400 |  | 18,600 |  | 13,500 |
| Other | : | 9,840 |  | 11,200 |  | 13,500 |  | 10,000 |
| Texas | : | 1,814 |  | 3,800 |  | 5,600 |  | 2,000 |
| Arizona | : | 2,720 |  | 3,050 |  | 1,680 |  | 3,000 |
| California, all | : | 3,764 |  | 4,950 |  | 5,000 |  | 4,400 |
| Desert Valleys | : | 2,104 |  | 2,750 |  | 2,700 |  | 2,600 |
| Other areas | : | 1,660 |  | 2,200 |  | 2,300 |  | 1,800 |
| Total grapefruit | $\pm$ | 39,918 |  | 46,700 |  | 55,880 |  | 41,900 |
| Lemons: | : |  |  |  |  |  |  |  |
| California | : | 14,380 |  | 13,800 |  | 15,300 |  | 13,500 |
| Arizona | : | 1,370 |  | 1,970 |  | 2,810 |  | 3.000 |
| Total lemons |  | 15,750 |  | 15,770 |  | 18,110 |  | 16.500 |
| Limes: <br> Florida | : | 433 |  | 415 |  | 420 |  | 600 |
| Tangelos: | : |  |  |  |  |  |  |  |
| Florida | : | 970 |  | 1,200 |  | 1,800 |  | 1,900 |
| Tangerines: | : |  |  |  |  |  |  |  |
| Florida | : | 3,420 |  | 3,600 |  | 5,600 |  | 3,500 |
| Arizona | : | 5/160 |  | 180 |  | 200 |  | 200 |
| California | : | 302 |  | 350 |  | 600 |  | 700 |
| Total tangerines | : | 3,786 |  | 4,130 |  | 6,400 |  | 4,400 |

Season begins with bloom of year shown and ends with completion of harvest the following year. Includes quantities not harvested, or harvested but not utilized on account of economic conditions, and quantities donated to charity. 1/Net content of box varies. Approximate averages are as follows: Oranges-California and Arizona, $75 \mathrm{lbs}$. ; other States, $90 \mathrm{lbs}$. ; Grapefruit-California Desert Valleys and Arizona, $64 \mathrm{lbs}$. ; Other California areas, $67 \mathrm{lbs}$. Florida, $85 \mathrm{lbs}$. ; Texas, $80 \mathrm{lbs}$. ; Lemons, $76 \mathrm{lbs.;}$ Limes, $80 \mathrm{lbs.;} \mathrm{Tangelos} ,90 \mathrm{lbs.;}$ and Tangerines-California and Arizona, $75 \mathrm{lbs}$. Florida, 95 lbs. 2. Navel and Miscellaneoud varieties in California and Arizona. Early and Midseason varieties in Florida and Texas. All varieties in Louisiana. Includes small quantities of tangerines in Florida and Louisiana. 3/ Includes small quantities of tangerines prior to the $1964-65$ season. 4/ Production too small to warrant quantitative estimate. 5/ 1964-65 average.

## THE FRUIT SITUATION

Approved by the Outlook and Situation Board, January 24, 1968


## SUMMARY *

Total supplies of fresh and processed fruits are expected to be considerably below a year earlier during the first half of 1968. Markets for most fruits strenthened during the final quarter of 1967. In January 1968, fruit prices were generally well above a year-earlier levels and are expected to continue higher for the next several months.

Citrus: This season's U.S. citrus crop is expected to be 30 percent smaller than the record-large 1966/67 output. Florida limes and tangelos are the only items to evade the general reductions.

Unfavorable weather conditions are responsible for the reduced prospects this year. The set of Florida citrus was limited by a February frost and spring drought in 1967. Texas crop potential was slashed in the fall by Hurricane Beulah. Unfavorable spring weather affected fruit set in California, and a mid-December freeze further reduced that state's crop. Only Arizona expects a larger citrus output than last season.

Because of earlier maturity than in 1966/67 in Florida and Texas, a larger part of this season's production had been harvested by January 1 than a year earlier.

By the end of December, Florida packers had processed considerably more frozen orange concentrate than they had during the early part of the preceding season. As packing got underway, carryover stocks of processed citrus items were sharply above a year earlier, and by year's end, stocks of most items continued higher. Nevertheless, price advances were common during the final quarter of 1967, reflecting the reduction in total season supplies.

In early January, f.o.b. prices for fresh fruit and delivered prices for fruit for processing were sharply above a year earlier. This relationship is expected to continue through the first half of 1968.

Noncitrus Fruit: Total noncitrus fruit production in 1967 was 16 percent below both 1966 and the 1961-65 average. Most deciduous fruits shared in the reduction, and there was a general increase in price levels.

As 1968 began, cold storage stocks of fresh fruits were about a fifth below a year earlier. Apple stocks were 17
*The summary of this report was released on January 24, 1968.
percent smaller than a year earlier, while those of pears were down 19 percent. Storage holdings of fresh grapes were the smallest in many years. Except for some types of apples in the East, shipping point prices for all three fresh fruits were considerably higher than a year earlier in early January.

Reduced supplies of processed noncitrus fruit reflect the sharply lower 1967 crops. Although pack of canned noncitrus fruit is not complete for 1967/68, it is expected to be substantially smaller than in the preceding season. Of the 4 leading noncitrus fruits canned on the mainland, packs of peaches, pears and fruit cocktail were sharply smaller than in 1966; output of applesauce, still being packed, is expected to be larger. Wholesale prices for canned noncitrus fruits advanced substantially during the summer and fall of 1967. And in view of the current supply situation, prices are expected to continue relatively high until mid-year.

Year-end stocks of frozen fruits and berries were 18 percent below a year earlier. Holdings of strawberries, the leading frozen fruit, were down 6 percent, reflecting a reduction in the 1967 pack.

Despite large carryover stocks of dried fruits at the beginning of the season, supplies are now below those of a year ago, principally because of a sharp reduction in 1967 output of raisins.

## ORANGES

Crop a Third Smaller
than in $1966 / 67$
As of January 1, the 1967/68 U.S. orange crop was estimated at 125.8 million boxes. This is a third below the record crop of $1966 / 67$, but 5 percent above the preceding 5-year average (Table 1). Florida expects about one-third less oranges than last season. Crops in California and Texas are down about 40 percent, while Arizona's output is slightly smaller than in 1966/67.

Florida's crop has a much lighter set than last year's, due to a February 1967 frost and severe spring drought. California oranges also had a light set because of cold, wet weather during bloom; a freeze in December further reduced potential output. Heavy damage from Hurricane Beulah's winds and flooding last fall is reflected in the short Texas tonnage.

In spite of the sharp crop reduction, earlier maturing fruit enabled Florida growers to move about the same quantity of new-crop oranges to market by the end of December, 1967 as they had a year earlier. Sales to both fresh market and processing outlets were made at a rate about equal to the preceding season, and at much higher prices.

## Market Much Stronger than Year Ago

In contrast to 1966/67, f.o.b. prices early this season increased as harvest progressed. In mid-January, packed fresh oranges in Florida were being quoted at $\$ 2.50$ and higher for $4 / 5$ bushels containers of U.S. No.l fruit. This was about \$l higher than a year earlier. Recent prices for Florida oranges delivered for processing have also been sharply above those of a year earlier.

Unlike the Florida crop, California fruit has been slow to color and size. Harvest started much slower than in the preceding season. Through the end of December, fresh market shipments of 1967/68 crop western oranges were more than a third below a year earlier. Since the start of the season, prices for the restricted volume of Navels have been substantially above those of a year earlier.

In view of the sharp reduction in output and the active movement of Florida oranges to date, fresh market prices through the winter and spring will likely remain substantially above those of 1967.

## Foreign Trade in Oranges

Heavy domestic supplies at attractive prices led to exports of about 8.2
million boxes of fresh oranges and tangerines in 1966/67. This was nearly a fifth more than exported during the 1965/66 season and 60 percent above the average of the preceding 5 years. Most went to Canada and Western Europe.

Fresh orange imports fell more than 50 percent in 1966/67--to 319,000 boxes-the lowest level since 1961/62.

Prospects are not promising for expanding net exports of fresh oranges in 1967/68. Shorter domestic supplies and higher prices reduce export incentive. And the large supplies in the Mediterranean area will provide strong competition in the Western European market. Recent currency devaluation in Spain and Israel will increase the competitive edge of these important suppliers.

## GRAPEFRUIT

Production Off
Estimated at 41.9 million boxes as of January 1, the 1967/68 U.S. grapefruit crop is a fourth smaller than last season's.

In Florida, the principal grapefruit producing state, production of both seedless and seeded varieties are estimated to be down about in proportion with the national average.

The Texas crop was hard hit by Hurricane Beulah. The anticipated 2 million box crop is far short of last season's 5.6 million box output. California production, at 4.4 million boxes, is expected to be 12 percent smaller than in 1966/67. Only Arizona anticipates a crop increase.

## Volume Moving Well

Despite the substantially reduced supply, fresh market movement of grapefruit through December was about equal to a year earlier. Earlier maturity in Florida and the larger Arizona crop were largely responsible. But even in Texas, where the crop is expected to total less
than a third of last season, early-season movement was strong.

Prices fluctuated somewhat early in the season, but held steady from midNovember through mid-January at levels sharply above a year earlier. In midJanuary, f.o.b. prices for Florida grapefruit for fresh market were running 30-50 percent higher than a year earlier.

## 1966/67 Exports Hard to Match

Last season the U.S. exported more than 3.4 million boxes of fresh grapefruit in the September 1966-August 1967 period. This was an unusually large volume--about a third more than in the preceding season. About three-fourths of 1966/67 exports moved to Canada--most of the rest went to Western Europe.

Early 1967/68 exports (SeptemberNovember) were running about 12 percent below the same months a year ago. Export opportunities for fresh grapefruit were enhanced by the opening of the United Kingdom market during the months of Decem-ber-February. Prior to this season, imports of U.S. grapefruit were prohibited during these months. However, the recent devaluation of the Pound in Great Britain and simultaneous devaluation in Israela supplier of increasing importance to Western Europe--may largely negate effects of the earlier removal of U.K. import restrictions.

## Tangerine Supplies Down

The 1967/68 tangerine crop is expected to total 4.4 million boxes. This is a third less than last season, but substantially above average. Florida--which accounted for about 90 percent of the U.S. tangerine crop last season--is responsible for the entire reduction from 1966/67; output there is expected to be down 38 percent.

Through early January, shipments of Florida tangerines to fresh markets were running sharply behind a year earlier. The lighter volume consistently returned much higher prices than last season's burdensome crop. In 1966/67, about 1.5
million boxes of the 5.6 million box Florida tangerine crop were not marketed because of economic reasons.

The shipping season for tangerines is already past peak. Florida volume normally is heaviest during the holiday season, then drops sharply in January.

Tangelos and Exception--Crop Larger
The unfavorable weather which hurt most Florida citrus in 1967 did not curtail the State's upward trend in tangelo production. The 1967/68 crop was estimated on January 1 to be moderately larger than in the preceding season. The tangelo marketing season normally extends from October through February. But most of the crop is shipped during November and December. Early volume this season returned prices below those of a year earlier. But this relationship reversed in mid-November, and prices were much higher than last season during the period of peak movement. Through December, tangelo shipments totaled considerably more than during the same period of the 1966/67 season.

## LEMONS

Crop Above Average but Smaller than Last Season's

As of January l, California-Arizona lemon production was estimated at 16.5 million boxes. This is 9 percent below last season but 5 percent larger than the preceding 5-year average. California's crop is estimated to be 12 percent smaller than in 1966/67. Arizona's output, already largely marketed, is moderately larger than last season. But Arizona produces less than a fifth of the U.S. lemon crop. Through the end of December, fresh market shipments of new-crop lemons were ahead of a year ago; utilization for processing was about the same. Thus remaining supplies appear to be substantially smaller than at this time last year.

To date, utilization of lemons has been about equally divided between fresh market and processing use. On-tree lemon
prices for both fresh use and processing have averaged above a year earlier in every month since last July. Correspondingly, fresh market prices for western lemons have been consistently higher all season. In mid-January f.o.b. shipping point prices were about a fifth higher than a year earlier.

## Export Market

U.S. exports of lemons and limes (mostly lemons) totaled about 3.4 million boxes in 1966/67 (November-October). This was a little larger than the quantity exported in 1965/66 and substantially more than in any of the preceding 5 years. The export market has become an increasingly important outlet for U.S. lemons--absorbing nearly a fifth of last season's production. Japan has become our leading foreign outlet for fresh lemons, and despite the ample availability of Italian lemons, the U.S. continues to do well in Western European markets.

## APPLES

## 1967 Crop Smallest Since 1960

U.S. commercial apple production fell in 1967 for the third consecutive year. At 5.5 billion pounds, 1967 output was 5 percent smaller than in 1966 and 8 percent below the 1961-65 average.

A drop of more than a half billion pounds in western production was the leading contributor to the overall reduction. But the Central States' crop was also down sharply. In contrast, production in the East was 18 percent larger than in 1966. The gain largely reflected a recovery from the severe drought conditions which prevailed in South Atlantic States in 1966.

In spite of a sharp drop in output, Washington maintained its leadership among apple-producing states with nearly a fourth of the total U.S. crop. New York followed with 17 percent of the total, while Michigan in third place, accounted for about a tenth of the 1967 U.S. output.

The relative importance (percentage of U.S. commercial production) of leading varieties has changed considerably in the last 25 years:

| Variety | $:$ | 1967 | $:$ | 1942 |
| :--- | :--- | :---: | :---: | :---: |
|  | $\vdots$ |  |  |  |
|  | $\vdots$ | Percent |  | Percent |
| Delicious | $\vdots$ | 27.4 |  | 16.9 |
| McIntosh | $\vdots$ | 12.3 |  | 10.5 |
| Golden Delicious | $\vdots$ | 11.8 |  | 1.8 |
| Rome Beauty | $\vdots$ | 8.2 |  | 5.5 |
| Jonathan | $\vdots$ | 5.8 |  | 7.6 |
| York Imperial | $:$ | 4.9 |  | 6.7 |
| Winesap | $:$ | 4.7 | 9.4 |  |
| Others | $\vdots$ | 24.9 | 41.6 |  |
|  |  |  |  |  |

There has been a marked gain in the popularity of Delicious, McIntosh, Golden Delicious, and Rome Beauty. These 4 varieties accounted for nearly 60 percent of 1967 commercial output. Golden Delicious, now third in importance, moved up dramatically from an obscure position 25 years ago.

Table 12 shows the varietal composition of the U.S. commercial apple crops of the last 2 seasons and the 1961-65 average. Few varieties matched average production levels in 1967. Golden Delicious was a notable exception; Delicious output was slightly above average although moderately short of its 1966 volume.

## Foreign Trade

U.S. exports of fresh apples during July-November 1967 totaled approximately 46 million pounds. This was 18 percent less than a year earlier and the smallest export volume for the period since the 1962 season.

Excellent market opportunities exist in the United Kingdom and Scandinavia for imported apples. The 1967 U.K.
home crop was particularly short. However, reduced U.S. supplies and accompaning higher prices are discouraging exports. And large crops in France, Italy, Canada, and other world-trade suppliers offer considerable market competition.

During July-November 1967, U.S. imports of fresh apples totaled about 29 million pounds. This was more than twice as much as a year earlier. As usual, most imports came from Canada.

## Year-End Stocks Below Year Ago

Cold storage holdings of fresh apples at the end of 1967 totaled 1.4 billion pounds. This was 17 percent below a year earlier and 15 percent less than the 1961-65 average for the date. In line with production, stocks in the Western and Central States were considerably below a year earlier, while those in the East were generally larger. About 39 percent of the year-end stocks were in controlled-atmosphere storage--a much larger proportion than a year earlier.

## Prices Up

U.S. grower prices for fresh market apples have been strong since the beginning of the 1967 harvest. In every month, from June through December, they have been 10 to 40 percent above the average prices of corresponding months a year earlier.

In mid-January, 1968, shipping point prices were generally well above those of a year earlier in both the West and Midwest. In the East, most prices were also above those of a year earlier. But some eastern sales, notably certain packs of Golden Delicious, were being made at lower prices. Although production of the Golden Delicious variety was up only moderately from a year earlier on a national basis, output in the East was nearly 60 percent larger than the short 1966 crop.

## PEARS

## 1967 Crop Short

Total 1967 pear production, at about 455,000 tons, was nearly 40 percent smaller than the 1966 crop and 26 percent below average.

The Pacific Coast States accounted for nine-tenths of the 1967 U.S. crop. Output there was nearly 50 percent below the preceding year. California's harvest of 117,000 tons was less than a third of its 1966 production. The severe reduction resulted from an extremely light set. Washington and Oregon also had smaller crops than in 1966, but the reductions were less pronounced.

Michigan and New York, the principal pear producers outside the Pacific Coast States, also had smaller crops than in 1966. Michigan's crop was down 48 percent.

Year-End Stocks Down
Stocks of fresh pears in cold storage at the end of 1967 totaled about 1.8 million boxes. They were about 19 percent below a year earlier and slightly less than the 1961-65 average.

Few Bartletts remained on hand at the close of the year. Holdings were essentially all fall and winter varieties.

Trade Lagging
U.S. exports of fresh pears during July-November, 1967 totaled about 31 million pounds. This was about 30 percent less than during the same months of 1966 and the lightest export movement for the period since 1963.
U.S. imports of fresh pears during July-November totaled 6.2 million pounds-sharply above those of a year earlier.
This is normally a period of light imports. Most imported pears usually enter the country during late winter and spring.

## Market Conditions

High prices have reflected the supply shortage throughout the current marketing season. Preliminary estimates place the value of the 1967 crop at an average $\$ 158$ per ton, compared with $\$ 88.20$ in 1966. Value of U.S. production, estimated at $\$ 71$ million, would be 12 percent higher than in 1966, despite the sharply smaller volume.

Shipping point prices for winter pears in mid-January continued substantially above those of a year earlier. In view of the reduced inventories on hand, prices are likely to continue higher than a year earlier through the remainder of the marketing season.

## GRAPES

## 1967 Output Small

The 1967 U.S. grape crop totaled 3.0 million tons, almost a fifth below 1966 and the smallest crop since 1957.

In California, which normally accounts for about nine-tenths of U.S. grape output, the reduction was spread through all varietal groups. Production of wine varieties was moderately below 1966. Output of raisin varieties (about 60 percent of the State's grape production), was down about a fourth. Less than half of these were used for raisins in 1967. Production of table varieties was down about a fourth from 1966. Even so, a larger-than-normal proportion of table grapes was used for wine, because many failed to color properly. Approximately 1.4 million tons of 1967-crop California grapes were crushed for wine through the end of December. This was about 8 percent less than a year earlier.

Preliminary estimates placed the value of 1967-crop California grapes at $\$ 63.30$ per ton, more than a fourth higher than in the preceding year. Prices for raisin and table varieties were up sharply,
while those for wine varieties were moderately higher than in 1966.

Fresh grape shipments to domestic markets clearly reflected the sharp crop reduction. However, net exports of grapes during the June-November 1967 period were only a little short of a year earlier. Foreign trade in fresh grapes is a relatively minor factor in the U.S. market. In the 1966 marketing season (June 1966May 1967), about 126 thousand tons of fresh grapes, or about 3 percent of the domestic crop were exported. Most of these moved to Canada. Imports were scarcely more than a tenth as large as exports. Most imports during the summer and fall normally originate in Canada. Southern Hemisphere countries, led by Chile, provide supplies during the late winter and spring.

Year-End Stocks Light
Stocks of fresh grapes in cold storage at the end of 1967 totaled $30 \mathrm{mil}-$ lion pounds. This was 76 percent below a year earlier, and the smallest December 31 inventory in many years. Virtually all holdings were in California and were principally of the Emperor variety. Shipping point prices for Emperor grapes in mid-January were well above a year earlier, reflecting the sharply-below-average supply. Although also below a year earlier, stocks of Ribier variety grapes were above average at year end.

## STRAWBERRIES

## 1967 Crop Up

Commercial strawberry production, at 478 million pounds in 1967, was up 3 percent from 1966 and the largest crop since 1964. All of the gain was from fruit grown for fresh market. About 58 percent of the 1967 crop was grown for fresh market. Production for processing was moderately smaller than in 1966. Growers' prices for both fresh and processed uses averaged moderately below those of a year earlier.
U.S. strawberry acreage has trended downward since World War II. The 1967 acreage was 3 percent smaller than in 1966 and less than half that harvested as recently as 1951. Sharply increased yields, however, have offset declining acreage.

California accounted for 44 percent of the 1967 crop. Oregon, in second place, furnished about a fifth of the U.S. output and led all states in production for processing.

## Frozen Supplies Down

Preliminary trade estimates place the 1967 frozen strawberry pack at 199 million pounds. This would be 16 percent below a year earlier and 12 percent below the 1961-65 average. On December 31, frozen strawberry holdings were estimated at 146 million pounds, the second smallest quantity on hand for that date since 1954.

## Imports Large

The U.S. imported almost 86 million pounds of frozen strawberries in 1966. This was nearly 60 percent more than in 1965, and more than six times the average quantity imported annually during the late 1950's. During the first eleven months of 1967, U.S. imports of frozen strawberries totaled 72 million pounds, 14 percent below the same months of 1966. As usual, virtually all originated in Mexico.

Fresh strawberry imports, also mainly from Mexico, had exceeded 17 million pounds by the end of November, 1967 compared with 13 million pounds for all of 1966.

During the first eleven months of 1967, fresh exports were considerably below a year earlier. In 1966, the U.S. exported nearly 13 mililion pounds of fresh strawberries.

## 1968 Prospects

The Florida winter crop, which normally accounts for less than 5 percent of
U.S. production, is estimated at 1.6 million pounds in 1968. This would be 9 percent below last year's output. The reduction is the result of smaller acreage. Yields are expected to be a little higher than in 1967. Florida and Mexico will be the principal sources of fresh supplies through March.

Prospective U.S. acreage for spring harvest in 1968 is estimated at 61,200 acres, 6 percent below 1967 and 17 percent less than the 1962-66 average. Spring harvest usually gets underway in the Gulf Coast States in March. Heaviest volume moves during April, May, and June.

## PROCESSED NONCITRUS FRUIT

## 1967/68 Canned Pack Off Considerably

Current data indicate that the 1967/68 U.S. mainland pack of canned noncitrus fruits will be considerably smaller than in 1966/67. Production of noncitrus fruit crops in 1967 was estimated to be 16 .percent less than in 1966, and the aggregate canned pack may be down proportionately. Packs of leading canned fruit items reported to date are shown in table 17.

At 26.3 million cases (basis $24 / 2 \frac{1}{2}$ 's), the 1967 U.S. peach pack was 27 percent below 1966. The pack of canned pears was down nearly 50 percent. The fruit cocktail pack was down 15 percent. These 3 items account for a 17 million case reduction from 1966 output.

The 1967/68 applesauce pack will likely be larger than last season's. Applesauce canning normally continues into the spring months, and the final pack assessment will not be made until June. Through January 1, 1968, however, the pack of applesauce was 26 percent larger than a year earlier. Last season, more than four-fifths of the applesauce pack had been canned by January 1.

The 1967/68 pack of canned apple slices is also likely to be substantially larger than in 1966/67. More purple plums and sweet cherries were also packed in

1967 than in the preceding season. However, the increases for these relatively minor fruits have only a modest influence on the general supply situation.

## Supplies Generally Tight

When the 1967/68 packing season began, canners' stocks of principal canned noncitrus fruits-except for Clingstone peaches and pears-mere much below yearearlier levels. The sharp reductions in this season's pack made 1967/68 supplies even tighter.

Complete data on January l, 1968 canned fruit inventories are not available. However, it appears that aggregate stocks were substantially below a year earlier. A few items, including canned apple products, pineapple, and several less-important canned fruits were in larger supply. But sizable inventory reductions for others--including such heavy volume items as peaches, fruit cocktail, and pears-were more than offsetting.
F.o.b. prices for canned fruits turned up in the spring of 1967. They continued to increase during the summer and fall as supply prospects for the 1967/68 marketing season become more evident. The Bureau of Labor Statistics index of wholesale canned fruit prices, a little below 100 during early 1967 (1957-59=100), had risen to 114.2 by November. Wholesale prices for canned pears in November 1967 averaged 45 percent higher than a year earlier, when available supplies were much larger. While other canned fruits did not record such extreme price gains, increases extended to virtually all items.

## Canned Pineapple Items

The pack of Hawaiian pineapple to November 30 , was running slightly below a year earlier. Last season, about 70 percent of the pack was canned by the end of November. Stocks on November 30, 1967 were 8.4 million cases (basis $24 / 2 \frac{1}{2}$ 's), well above those of a year earlier. Stocks of single strength pineapple juice, at 7.6 million cases (basis 24/2's) were moderately lower. The 1.6 million cases (basis $6 / 10$ 's) of concentrated pineapple juice on hand were up more than 100 percent.

Canned Fruit Exports Down
Generally shorter supplies, with attendant higher prices have reduced canned fruit export prospects for the 1967/68 season. June-November exports of leading U.S. canned fruits fell sharply below the levels of a year earlier:

| Commodity | 1967 | 1966 : | Change |
| :---: | :---: | :---: | :---: |
|  | Mil. 1 lb | Mil. lb. | Percent |
| Apricots | 1.7 | 3.9 | -56 |
| Cherries | 1.9 | 2.7 | -29 |
| Peaches | 57.0 | 146.9 | -61 |
| Pears | 1.6 | 4.0 | -59 |
| Pineapple | 42.1 | 68.9 | -39 |
| Fruit cocktail | 46.0 | 80.9 | -43 |

## Dried Fruit Supplies Lighter

Total output of dried fruits in 1967/68 is expected to show a sharp reduction from that of the preceding season. The predominant reason is a 35 percent drop in raisin production-from 280,000 tons in 1966 to 183,000 tons in 1967. Production of prunes was considerably above 1966, but output of dried figs was down sharply in 1967, and the date crop was down slightly.

Inventories of most dried fruits at the beginning of the 1967/68 season were larger than a year earlier. Raisin stocks were heavy--about a fifth larger than a year earlier and several times the average carryin. Prune stocks were also large--slightly above a year earlier. Nevertheless, aggregate supplies of dried fruits are expected to be substantially smaller than in 1966/67, largely because of the sharp drop in raisin output. Supplies of dried prunes appear to be the principal exception-with both carryin and production above last season.

Exports of dried raisins and prunes during 1966/67 fell substantially from the high levels of the preceding season. Raisin exports declined from 71 to 67 thousand
tons while those of prunes fell more sharply--from 64 to 45 thousand tons.

Exports of raisins during SeptemberNovember 1967 were a fourth larger than in the same period of 1966. Prune exports during the same period were about 9 percent above a year earlier.

Through November of this season, export volume of the less important domestic dried fruits (apples, apricots, dates, peaches, pears, and figs) was running considerably below a year earlier. In 1966/67, however, total export movement of these 6 dried fruits combined was less than 8,000 tons.

1967 Frozen Fruit Output Down from 1966
Current data point to a slight to moderate reduction in the 1967 pack of frozen deciduous fruits and berries.

A preliminary trade report indicated a 1967 frozen strawberry pack of 199 million pounds. This would be 16 percent below that of 1966. The pack of frozen red tart cherries was 9 percent above the short 1966 pack. But at 95 million pounds, it was well below average. The total U.S. pack of frozen peaches was estimated at 72 million pounds in 1967, a tenth larger than a year earlier. These 3 items accounted for about 60 percent of the total frozen pack of deciduous fruits and berries in 1966.

Estimates of other 1967 frozen fruit packs are not yet available. However, end-of-year stocks data indicate a smaller total pack for these items as well.

Total cold storage holdings of frozen fruits on December 31, 1967 were 508 million pounds. They were 8 percent below a year earlier and slightly less than the 1961-65 average for the date (Table 19). Blueberries and peaches were the only major frozen items for which 1967 ending stocks exceeded those of a year earlier. Among the other leading frozen items, comparisons for the same dates were as follows: strawberries--down 6 percent, apples--down 18 percent, and cherries-down 23 percent.

Inventories of frozen fruits will decline from now until late spring, when the new packing season begins. The seasonal high in frozen fruit stocks normally occurs in fall.

## PROCESSED CITRUS FRUIT

Florida Frozen Orange Juice Concentrate
As the 1967/68 packing season began, Florida packers' stocks of frozen concentrated orange juice totaled 26.6 million gallons. This was more than twice the quantity on hand a year earlier. With the crop maturing earlier than last season, packing got off to a fast start. Net pack of frozen orange juice concentrate for the 4 weeks ending December 30, 1967 totaled about 9.4 million gallons. This was considerably more than the 6.5 million gallons packed during the comparable period in 1966. Although early-season movement was substantially above that of last season, stocks on hand at the end of December 1967 totaled 29 million gallons, compared with 13 million gallons a year earlier.

The prospective sharp reduction in oranges available for processing during the season has offset the influence of current supplies. F.o.b. product prices have increased several times since 1967/68 citrus harvesting began. Early January delivered prices per box for processing oranges in Florida were twice the depressed levels of a year earlier.

During the record-breaking 1966/67 packing year, f.o.b. prices for frozen concentrated orange juice held up well in early season but broke sharply during the winter. At the end of 1967, f.o.b. prices were running below a year earlier. But with the prospective sharp pack reduction, the current market is firm, and a recurrence of last season's weakness is unlikely. In mid-January, futures market prices for frozen concentrated orange juice were sharply above a year earlier for all delivery months.

Other Frozen Concentrates
The carryover of frozen concentrated grapefruit juice at the start of the 1967/68 packing season was also more than twice that of $a$, year earlier. Unlike orange concentrate, however, early season packing of frozen grapefruit concentrate reflected the reduction in crop size. Through the end of December, the net 1967/68 pack of grapefruit concentrate was about a third lower than the quantity packed during the same period a year earlier. The amount of concentrates packed prior to January l normally accounts for only a small portion of the total season pack. Thus, in spite of lagging earlyseason output, January 1 stocks of grapefruit concentrate were much above a year earlier. But prospects for frozen grapefruit concentrate suggest a sharp reduction in the 1967/68 pack. F.o.b. prices for grapefruit concentrate advanced during the fall and again in early January. In early January, prices for grapefruit delivered to Florida packers for concentrating were more than double those of a year earlier.

Through the end of December 1967, the pack of frozen concentrated tangerine juice was only half of the quantity packed a year earlier. Like last season, no pack of frozen concentrated blended juice from raw fruit was reported during December.

## Florida Canned Citrus Juices

Carryover stocks of canned citrus juices at the start of the $1967 / 68$ season totaled 6.6 million cases (basis $24 / 2^{\prime}$ s) compared with the 2.4 million cases on hand a year earlier. The beginning inventory of canned grapefruit juice was up about 2.5 million cases. Holdings of canned blend, orange juice, and tangerine juice were also up sharply.

Aggregate early season production (October-December 1967) of canned single strength citrus juices was reported at 7.3 million cases (basis 24/2's). This was a third less than a year earlier.

During the same period, the trade shipped about 6.4 million cases of canned juices, moderately more than during the last quarter of 1966. Thus, by year's end, the influence of the sharply increased juice carryover had been eliminated. Stocks of canned citrus juice on hand totaled 7.3 million cases on December 30, 1967, little more than on the same date a year earlier. Stocks of grapefruit juice were still considerably larger than a year earlier, but those of blend, orange juice, and tangerine juice was smaller.

Prices for citrus for canned juice averaged sharply above those of a year earlier during the early part of the 1967/68 packing season. Correspondingly, f.o.b. prices for canned juice advanced during the fourth quarter of 1967 and at year's end were considerably above those of late 1966.

Canned Citrus Sections and Salad
The market situation for canned citrus sections and salad in early January closely paralleled that for canned citrus juices.

The carryover of canned grapefruit sections (which accounts for the bulk of canned citrus sections and salad production) totaled nearly 900,000 cases as the 1967/68 season began. A year earlier, less than 400,000 cases were on hand. Inventories of canned citrus salad and orange sections were also up sharply.

Movement of these items during the October-December 1967 period was about the same as a year earlier. But lighter early-season packing had about offset the higher beginning inventories by the end of December. At the end of the year, stocks of grapefruit sections were slightly below year-earlier inventories. Holdings of canned citrus salad and orange sections, both relatively minor in importance, were above a year earlier. Prices for canned grapefruit sections advanced during the last quarter of 1967, and were substantially above a year earlier in early January, 1968.

Florida Chilled Citrus Products
Output of 1967/68 pack chilled Florida orange juice to December 30 totaled 19 million gallons--more than a tenth above a year earlier. Of this total, 13.1 million gallons were processed from fruit-the remainder was reprocessed from pasteurized orange juice and frozen concentrate.

The early season pack of chilled grapefruit juice, at 1.1 million gallons during the October-December period, was about a third above a year earlier. About four-fifths of the early-season pack was processed from fresh fruit. In spite of the smaller crop, fresh fruit utilization was larger than during a year earlier.

Production of other chilled items during the October-December period, and changes from a year earlier were: citrus salad, 1.5 million gallons--down 23 percent; grapefruit salad, 1.3 million gallons --down 19 percent; and orange sections 119,000 gallons--35 percent

In $1966 / 67$, production of chilled orange and grapefruit juices increased sharply, continuing a strong upward trend. Output of sections and salad were off slightly from the preceding season.

Export Volume Large Last Season
U.S. exports of citrus juices made strong gains during the $1966 / 67$ season. Principal citrus juice exports, November through October were:


The U.S. will be hard-pressed this season to match the exceptional 1966/67 volume of citrus juice exports. However, considerable efforts are being made to hold the markets gained in 1966/67.

## GEOGRAPHIC DISTRIBUTION OF FRUIT AND NUT PRODUCTION, 1966

Data on 1966 production and value of fruits and tree nuts grown in the 48 contiguous states are included in tables 2 to 5 of this issue.

In 1966, the 48 states produced about 22 million tons of fruits, valued at approximately $\$ 1.5$ billion. Citrus accounted for about 30 percent of the total value of all fruit. Crop values
of apples, grapes, and peaches led among noncitrus fruits. Edible tree nut production, at nearly 275,000 tons, was valued at $\$ 147$ million.

California accounted for about 38 percent of 1966 U.S. production of fruits and tree nuts and 47 percent of the value of these crops. Florida, dominant in citrus output, exceeded California in total fruit tonnage, but the State's crop had less total value--16 percent of the U.S. total. Washington, an important producer of deciduous fruits, was a distant third.

Data on production, value, and average prices of individual fruit and nut commodities are shown for recent years on tables 6 and 7.

The next issue of the Fruit Situation is : scheduled to be available July l, 1968 :

The summary is scheduled to be released to : the press immediately after the Outlook and : Situation Board meeting June 25, 1968 .
:
Table 2.--Fruits and edible tree nuts: Production, by States,
United States, 1966 1/

|  | Noncitrus fruits |  |  |  |  |  |  |  | Citrus fruits |  |  |  |  |  | :Total all fruits |  | Tree nuts |  |  |  | Total sll fruits snd tree nuts |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : | : |  | - | : $\quad$ : |  | : |  | : |  |  |  |  |  | : |  | : |  |  |  |  |  |
|  | : | : | : | : | : |  | : Total | : | : |  | : |  | Tota |  | : |  | : |  | Tote |  |  |  |
| State | : $\quad$ | - |  |  | : |  |  |  | : |  | : |  |  |  | : | Per- | : |  |  |  |  |  |
|  | Apples | Grapes | Peaches : | Pears | :Straw:berries | Other 2) |  |  | Oranges: | Grapefruit | 'Lemons: | Other : <br> 3/ |  |  |  | cent of | Pecans: | Other |  |  |  | $\begin{aligned} & \text { Per- } \\ & \text { cent } \end{aligned}$ |
|  | Apples | Grapes | Peaches | Pear6 | : berries: | 2/ | : Quantity | cent | , | fruit |  | 3/: |  | cent | Quantity: | $\begin{aligned} & \text { of } \\ & \text { u.s. } \end{aligned}$ |  | 4 |  | cent | Quantity | of |
|  | : | - | : | - | : |  | : |  | : |  | : | : | Quant |  | : |  | : |  | Quantit | of |  | U.s. |
|  | : | : | : | : | : : |  | : | : | : |  | : | : | : |  | : |  | : | : | : |  |  |  |
|  | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | Per- | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | Per- | 1,000 | Per- | 1,000 | 1,000 | 1,000 | Per- | 1,000 | Per- |
|  | : tons | tons | tons | tons | tons | tons | tons | cent | tons | tons | tons | tons | tons | cent | tons | cent | tons | tons | tons | cent | tons | cent |
| Maine | 31.6 | - | -- | -- | 0.6 | - | 32.2 | 0.3 | - | - | - | - | - | - | 32.2 | 0.1 | -- | - | - | - | 32.2 | 0.1 |
| N. H . | - 25.0 | -- | 0.6 | -- | - | -- | 25.6 | . 2 | - | - | -- | -- | - | -- | 25.6 | . 1 | - | - | - | - | 25.6 | . 1 |
| Vt . | - 19.5 | -- |  |  |  |  | 19.5 | . 2 | - | - |  |  | - | - | 19.5 | . 1 | -- | - | - | - | 19.5 | . 1 |
| Mass. | 44.0 |  | 2.6 | - | . 7 | 38.4 | 85.7 | . 8 | - |  | - |  | - | -- | 85.7 | . 4 | -- | - | - | - | 85.7 | . 4 |
| R. I. | 3.4 | -- | . 4 | - |  | - | 3.8 | 5 | - |  |  |  | - |  | 3.8 | 5 | -- |  |  |  | 3.8 | $5 /$ |
| Conn. | 22.0 | -- | 3.5 | 2.2 | . 6 |  | 28.3 | . 3 | - | - | -- | - | - | -- | 28.3 | . 1 | -- | -- | - | - | 28.3 | . 1 |
| N. Y. | 465.0 | 132.0 | 11.2 | 20.6 | 4.0 | 10.4 | 643.2 | 6.1 | - | - | - | - | - | - | 643.2 | 2.9 | -- | - | - | - | 643.2 | 2.9 |
| N. J. | 50.8 | 1.2 | 35.0 | --- | 5.0 | 6.8 | 98.8 | . 9 | - | -- | - | - | - | - | 98.8 | . 4 | -- | - | - | - | 98.8 | . 4 |
| Pa. | 175.5 | 39.5 | 31.2 | 2.8 | 2.4 | 9.1 | 260.5 | 2.5 | -- | -- | -- | -- | -- | - | 260.5 | 1.2 | - | -- | - | - | 260.5 | 1.2 |
| Ohio | 45.0 | 17.0 | 2.5 | -- | 2.4 | . 9 | 67.8 | . 6 | - | - | - | -- | - | -- | 67.8 | . 3 | -- | -- | -- | -- | 67.8 | - 3 |
| Ind. | 26.6 | -- | 5.3 | -- | 1.8 | -- | 33.7 | . 3 | - | - | - | - | - | - | 33.7 | . 1 | - | -- | -- | -- | 33.7 | . 2 |
| 111. | 47.4 | -- | 14.3 | -- | 1.8 | - | 63.5 | . 6 | - | - | - | - | - | -- | 63.5 | . 3 | -- | -- | - | -- | 63.5 | . 3 |
| Mich. | : 337.5 | 49.0 | 24.3 | 34.7 | 13.5 | 85.5 | 544.5 | 5.2 | -- | - | - | - | - | - | 544.5 | 2.4 | - | - | - | - | 544.5 | 2.4 |
| Wis. | : 34.7 | - | -- | - | 2.4 | 32.6 | 69.7 | . 7 | - | - | - | -- | - | -- | 69.7 | . 3 | -- | - | - | - | 69.7 | . 3 |
| Minn. | - 12.7 | - | -- | - | -- | - | 12.7 | . 1 | - | - | -7- | -- | -- | -- | 12.7 | . 1 | -- | -- | - | -- | 12.7 | . 1 |
| Iowa | 6.6 | . 1 | - | $\cdots$ | -- | - | 6.7 | . 1 | -- | - | - | - | - | - | 6.7 | 5 | -- | - | - | -- | 6.7 | $5 /$ |
| Mo. | - 24.0 | 3.4 | 6.7 | - | 1.1 | -- | 35.2 | . 3 | -- | -- | -- | -- | - | - | 35.2 | . 2 | - | - | - | - | 35.2 | . 2 |
| Kans. | : 4.1 | - | . 5 | - | -- | - | 4.6 | 5 | -- | - | - | - | -- | -- | 4.6 | 5 | -- | - | - | - | 4.6 | $5 /$ |
| Del. | - 4.6 | -- | 2.0 | -- | - | -- | 6.6 | .1 | -- | - | - |  | -- | - | 6.6 | 5 | -- | - | - | -- | 6.6 | $5 /$ |
| Md. | : 22.0 | -- | 4.8 | -- | 1.2 | - | 28.0 | . 3 | - | - | -- |  |  | - | 28.0 | . 1 | - | - | - | -- | 28.0 | . 1 |
| va . | : 103.5 | -- | 14.9 | -- | 2.1 | --- | 120.5 | 1.1 | - | - | --- | - | --- | -- | 120.5 | . 5 | * | -- | -- | -- | 120.5 | . 5 |
| W. va. | : 60.3 | -- | 5.6 | -- | - | -- | 65.9 | . 6 | -- | -- | - | - | - | -- | 65.9 | . 3 | --- | -- | -- | -- | 65.9 | . 3 |
| N. C. | : 58.0 | 1.6 | 38.6 | - | 3.9 | $\cdots$ | 102.1 | 1.0 | - | -- | - | - | - | - | 102.1 | . 5 | 0.4 | -- | 0.4 | 0.1 | 102.5 | . 5 |
| s. c. | : 2.0 | 5.5 | 169.5 | -- | -- | - | 177.0 | 1.7 | -- | -- | - | - | - | --- | 177.0 | . 8 | . 5 | -- | . 5 | . 2 | 177.5 | . 8 |
| Ga. | : --- | 1.4 | 94.2 | -- | -- | -- | 95.6 | . 9 | -- |  | -- |  |  |  | 95.6 | . 4 | 18.5 | - | 18.5 | 6.8 | 21.4 .1 | . 5 |
| Fla. | : -7 | -- | -- | - | 10.5 | 5.8 | 16.3 | . 2 | 6,503.0 | 1,853.0 | - | 363.8 | 8,719.8 | 75.5 | 8,736.1 | 39.5 | 2.0 | -- | 2.0 | . 7 | 8,738.1 | 39.0 |
| Ky. | : 4.6 | - | 5.3 | - | 1.9 | -- | 11.8 | .1 | --- |  | -- |  |  |  | 11.8 | . 1 | -- | -- |  |  | 11.8 | . 1 |
| Tenn. | : 3.0 | -- | 4.1 | -- | 4.8 | - | 11.9 | . 1 | - | - | - | - | -- | - | 11.9 | . 1 | -- | -- | 13. | - | 11.9 | -1 |
| Ala. | : | - | 13.8 | --- | . 8 | - | 14.6 | . 1 | -- | - | - | - | - | - | 14.6 | -1 | 13.2 | - | 13.2 | 4.8 | 27.8 | . 1 |
| M1ss. | : | - | 6.6 | -- | - | - | 6.6 | . 1 | --- | -- | -- | -- | - | -- | 6.6 | $5 /$ | 8.2 | -- | 8.2 | 3.0 | 14.8 | . 1 |
| Ark. | : 3.8 | 6.0 | 24.7 | - | 4.5 | -- | 39.0 | . 4 | - | - | - | - | - | - | 39.0 | . 2 | 2.3 | - | 2.3 | . 9 | 41.3 | . 2 |
| La. | : --- | - | 4.5 | -- | 7.4 | -- | 11.9 | . 1 | -- | -- | - | -- | -- | -- | 11.9 | . 1 | 15.5 | -- | 15.5 | 5.7 | 27.4 | . 1 |
| Okla. | : -- | -- | 5.4 | -- | 1.6 | -- | 7.0 | . 1 | -- | - | --- | -- | -- | --- | 7.0 | $5 /$ | 3.0 | - | 3.0 | 1.1 | 10.0 | $5 /$ |
| Tex. | : | -- | 16.8 | 2.5 | 1.0 | - | 20.3 | . 2 | 126.0 | 224.0 | -- | -- | 350.0 | 3.0 | 370.3 | 1.7 | 13.0 | --- | 13.0 | 4.7 | 383.3 | 1.7 |
| Mont. | - | -- | -- |  | --- | 2.8 | 2.8 | 5 | -- | -- | --- | - | -- | -- | 2.8 | $5 /$ | - | -- | -- | - | 2.8 | $5 /$ |
| Idaho | : 28.8 | --- | 2.6 | . 6 | - | 13.5 | 44.5 | . 4 | - | --- | - | -- | - | -- | 45.5 | . 2 | -- | - | -- | - | 45.5 | . 2 |
| Colo. | : 28.8 | -- | 6.5 | 3.5 | -- | . 7 | 39.5 | . 4 | $\cdots$ | - | -- | -- | $\cdots$ | - | 39.5 | . 2 | -- | -- | -- | - | 39.5 | . 2 |
| N. Mex.: | : 21.5 | - | -- |  |  | - | 21.5 | . 2 |  | - |  | - | - | - | 21.5 | . 1 | 4.2 | -- | 4.2 | 1.5 | 25.7 | . 1 |
| Ariz. | : - | 12.6 | - |  | -- | -- | 12.6 | . 1 | 146.2 | 53.8 | 107.0 | 7.5 | 314.5 | 2.7 | 327.1 | 1.5 | - | - |  |  | 327.1 | 1.5 |
| Utah | : 6.8 | - | 3.6 | 4.0 | -- | 3.5 | 17.9 | . 2 | --- |  | -- | -- | -- | - | 17.9 | . 1 | -- | - | -- | -- | 17.9 | . 1 |
| Wissh. | : 795.0 | 64.3 | 33.6 | 150.0 | 19.3 | 62.6 | 1,124.8 | 10.6 | - | - | -- | - | - | - | 1,124.8 | 5.1 | --- | 0.5 | . 5 | . 2 | 1,125.3 | 5.0 |
| Ore. | - 60.0 |  | 10.3 | 163.5 | 48.1 | 66.5 | 348.4 | 3.3 | - | - | -- | -- |  | - | 348.4 | 1.6 | -- | 15.7 | 15.7 | 5.7 | 364.1 | 1.6 |
| Calif. | 297.5 | 3,400,0 | 1,097.0 | 365.0 | 88.9 | 938.1 | 6.886 .5 | 58.5 | 1.402 .0 | 163.4 | 5814.0 | 22.5 | 2.168 .9 | 18,8 | 8.355 .4 | 37.8 | -- | 177.1 | 177.1 | 64.6 | 8.532 .5 | 38.1 |
| U.S. | :2,875.6 | 3,733.6 | 1,702.5 | 749.4 | 232.3 | 1,27].2 | 10,570.6 | 100.0 | 8,177.2 | 2,294.2 | 688.0 | 393.8 | 11, 553.2 | 100.0 | 22,123,8 | 100.0 | 80.8 | 193.3 | 274.1 | 100.0 | 22,397. ${ }^{\text {P }}$ | 100.0 |


1/ Does not included Alaska and Hawail.


2/ Apricots, avocados, sweet cherries, tart cherries, cranberries, dates, figs, nectarines, olives, persimmons, pomegranates, plums, and prunes.
3) Tangerines, limes, and tangelos.
4/ Almonds, filberts, and walnuts.
5/ Less than 0.05 percent.
Table 4.--Fruits and edible tree nuts: Production and value,
principal States and United States, 1966 I/

waii.
Table
perc
Table 5.--Fruits and edible tree nuts: Production and value,
percentage by principal States, United States, 1966 I/

| State |  | Noncitrus fruits |  | Citrus fruits |  | All fruits |  | Tree nuts |  | All fruits and nuts |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Production : Value |  | Production: Value |  | Production: Value |  | oductio | Value | oductio | Value |
|  | : | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| California |  | 58.5 | 48.4 | 18.8 | 37.5 | 37.7 | 45.1 | 64.6 | 63.9 | 38.1 | 46.8 |
| Florida |  | . 1 | . 8 | 75.5 | 55.5 | 39.5 | 17.4 | . 7 | . 7 | 39.0 | 15.9 |
| Washington | : | 10.6 | 11.7 | --- |  | 5.1 | 8.2 | . 2 | . 1 | 5.0 | 7.4 |
| Michigan |  | 5.2 | 6.0 | -- | - | 2.5 | 4.2 | -- | --- | 2.4 | 3.8 |
| New York |  | 6.1 | 6.0 | --- | - | 2.9 | 4.2 | --- | -- | 2.9 | 3.8 |
| Oregon |  | 3.3 | 5.1 | --- | --- | 1.6 | 3.5 | 5.7 | 4.2 | 1.6 | 3.6 |
| Pennsylvania |  | 2.5 | 2.6 | --- | - | 1.2 | 1.8 | 5 | --- | 1.2 | 1.7 |
| Other States |  | 13.7 | 19.4 | 5.7 | 7.0 | 9.5 | 15.6 | 28.8 | 31.1 | 9.8 | 17.0 |
| United States | , | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

1/ Does not include Alaska and Hawaii.

Table 6.--Fruits and edible tree nuts: Production and value, United States, average 1961-65, crop year 1966-67 I/


[^0]Table 7.-Fruits and edible tree nuts: Season average price per unit received by growers, average 1961-65
and annual 1966-67 1/

| Commodity | : | Unit | : | Average 1961-65 | : | 1966 | : | 1967 2/ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : |  | : |  |  |  |  |  |
|  | : |  | : | Dol. |  | Dol. |  | Dol. |
|  | : |  | : |  |  |  |  |  |
| NONCITRUS: 3/ | : |  | : |  |  |  |  |  |
| Apples | : | Lb. | : | . 0413 |  | . 0446 |  | . 0509 |
| Apricots | : | Ton | : | 116.16 |  | 125.00 |  | 154.00 |
| Avocados | : | Ton | : | 270.40 |  | 204.00 |  | n.a. |
| Cherries, sweet | : | Ton | : | 318.00 |  | 389.00 |  | 395.00 |
| Cherries, tart | : | Ton | : | 131.80 |  | 275.00 |  | 348.00 |
| Cranberries | : | Bbl. | : | 12.24 |  | 15.60 |  | n.a. |
| Dates | : | Ton | : | 138.60 |  | 144.00 |  | 173.00 |
| Figs | : | Ton | : | 80.90 |  | 73.00 |  | n.a. |
| Grapes | : | Ton | : | 55.78 |  | 54.70 |  | n.a. |
| Nectarines | : | Ton | : | 97.28 |  | 142.00 |  | 157.00 |
| Olives | : | Ton | : | 186.00 |  | 241.00 |  | 443.00 |
| Peaches | : | Lb. | : | . 0426 |  | . 0527 |  | . 0650 |
| Pears | : | Ton | : | 100.08 |  | 88.20 |  | 158.00 |
| Persimmons | : | Ton | : | $150 . \mathrm{cJ}$ |  | 127.00 |  | 240.00 |
| Plums | : | Ton | : | 162.00 |  | 224.00 |  | 226.00 |
| Pomegranates | : | Ton | : | 93.60 |  | 100.00 |  | 122.00 |
| Prunes | : | Ton | : | 278.00 |  | 325.00 |  | 255.00 |
| Prunes and plums | : | Ton | : | 102.08 |  | 119.00 |  | 114.00 |
| Strawberries | : | Lb. | : | . 193 |  | . 222 |  | . 205 |
|  | : |  |  |  |  |  |  |  |
|  | : |  | : |  |  |  |  |  |
| CITRUS: 4/ | : |  | : |  |  |  |  |  |
| Oranges | : | Box | : | 3.29 |  | 1.60 |  | n.a. |
| Tangerines | : | Box | : | n.a. |  | 2.48 |  | n.a. |
| Grapefruit | : | Box | : | 1.84 |  | 1.26 |  | n.a. |
| Lemons | : | Box | : | 3.09 |  | 3.28 |  | n.a. |
| Limes | : | Box | : | 4.12 |  | 6.51 |  | 4.63 |
| Tangelos | : | Box | : | 4.53 |  | 2.12 |  | n.a. |
|  | : |  | : |  |  |  |  |  |
|  | : |  | : |  |  |  |  |  |
| TREE NUTS: | : |  | : |  |  |  |  |  |
| Almonds | : | Ton | : | 611.00 |  | 610.00 |  | n.a. |
| Filberts | : | Ton | : | 436.00 |  | 391.00 |  | 500.00 |
| Pecans, all | : | Lb. | : | . 224 |  | . 289 |  | . 341 |
| Improved | : | Lb. | : | . 250 |  | . 317 |  | . 387 |
| Seedling | : | Lb. | : | . 202 |  | . 260 |  | . 308 |
| Walnuts | : | Ton | : | 454.00 |  | 458.00 |  | 539.00 |
|  | : |  | : |  |  |  |  |  |

1/ Does not include Hawaii and Alaska.
2/ Preliminary.
3/ Fresh fruit prices are equivalent returns at packinghouse door for Washington and Oregon, first delivery point for California, and at point of first sale in all other states. Beginning with 1963, processing fruit prices for all states are equivalent returns at processing plant door.

4/ Equivalent packinghouse door returns per box for all uses.
n. a. means "not available".

Table 8 .-Citrus fruits: Production, farm disposition, and utilization of sales, United States, crops of 1965-66 and 1966-67 1/


1/ 1966-67 preliminary.
2/ Differences between production and production having value consist of fruit unharvested for economic reasons, donated to charity, or eliminated from production.

3/ Negligible.

Table 9. - Citrus processed, Florida crops of $1965-66$ and 1966-67


1/ Net weight per box: Oranges, 90 pounds; tangerines, 95 pounds; and grapefruit, 85 pounds.
2/ Includes minor quantities of tangelos and murcotts.
Table 10.-Citrus frults: Total weekly fresh shipments from producing
areas, August-January 1966-67 and $1967-68$


[^1]Table 11.-Apples, commercial crop: Production, average 1961-65,
annual 1966 and indicated 19671


1/ Estimates of the commercial crop refer to the total production of apples in commercial orchards of 100 or more bearing age trees. 2/ 1965 only. 3/ Average includes States for which estimates have been discontinued.

Table 12.-Apples, commercial crops 1/: Production by varieties, United States, average 1961-65, annual 1966-67


1/ Estimates of conmercial crop refer to the total production of apples in commercial orchards of 100 or more bearing age trees. 2/ Albemarle Pippin.

Table 13.-Apples, Yakima Valley, Washington: Monthly average prices per carton, tray pack, extra fancy, 138 s and larger, f.o.b. shipping point, $1966-67$ and 1967-68


1 / Controlled atmosphere storage.
Consumer and Marketing Service.

Table 14.--Pears: Production by States and on Pacific Coast, average 1961-65, annual 1966 and indicated 1967 1/

| State | : | Average 1961-65 | $1966$ |  | $\begin{aligned} & \text { Indicated } \\ & 1967 \end{aligned}$ |  | Pacific Coast | : | Average $1961-65$ | $: 1966$ | $\begin{array}{cc} : & \text { Indicated } \\ : 1967 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : |  |  |  |  | : : |  | : |  |  |  |
|  | : | Tons | Tons |  | Tons | : |  | : | Tons | Tons | Tons |
|  | : |  |  |  |  | : |  | : |  |  |  |
|  | : |  |  |  |  | : : |  | : |  |  |  |
| Connecticut | : | 1,782 | 2,250 |  | 1,875 | : : W | ashington: | : |  |  |  |
|  | : |  |  |  |  | : : | Bartlett | : | 77,980 | 102,000 | 91,000 |
| New York | : | 16,800 | 20,600 |  | 17,200 | : : | Other |  | 36,640 | 48,000 | 48,500 |
|  | : |  |  |  |  | : |  | : |  |  |  |
| Pennsylvania | : | 3,076 | 2,750 |  | 2,600 | : : | Total | . | 114,620 | 150,000 | 139,500 |
|  | : |  |  |  |  | : : |  | : |  |  |  |
| Michigan | : | 37,440 | 34,700 |  | 18,000 | $: 0$ | regon: | : |  |  |  |
|  | : |  |  |  |  | : | Bartlett | : | 56,100 | 71,000 | 69,000 |
| Texas | : | 1,976 | 2,500 |  | --- | : | Other |  | 68,340 | 92,500 | 82,000 |
|  | : |  |  |  |  | : $:$ |  |  |  |  |  |
| Idaho | : | 1,800 | 620 |  | 1,800 | : | Total |  | 124,440 | 163.500 | 151,000 |
| Colorado | : | 6,024 | 3,500 |  | 1,500 | : C | alifornia: | : |  |  |  |
|  | : |  |  |  |  | : | Bartlett | : | 273,000 | 340,000 | 104,000 |
| Utah | - | 4,176 | 4,000 |  | 4,500 | : | Other | : | 28,800 | 25,000 | 13,000 |
| Washington | : |  |  |  |  | : : |  | : | 301,800 |  |  |
| Washington | : | 114,620 | 150,000 |  | 139,500 | : $:$ | Total |  | 301,800 | 365,000 | 117,000 |
| Oregon | : | 124,440 | 163,500 |  | 151,000 | : : 3 | States: | : |  |  |  |
|  | : |  |  |  |  | : | Bartlett | : | 407,080 | 513,000 | 264,000 |
| California | : | 301,800 | 365,000 |  | 117,000 | : | Other | : | 133,780 | 165,500 | 143,500 |
| United States | : | 613,934 | 749,420 |  | 454,975 | : : | Total | : | 540,860 | 678,500 | 407,500 |
|  | : |  |  |  |  | : |  | : |  |  |  |
|  | : |  |  |  |  | : : |  | : |  |  |  |

1/For some States in certain years, production includes some quantities unharvested on account of economic conditions.

Table 15.--Fresh fruits: Cold storage holdings January 1, 1968, with comparisons

n. a. means not available.

Table 16.-Strawberries: Acreage, yield per acre and production, average 1962-66, annual 1967 and indicated 1968 1/

| Season | Acreage |  |  | Yield per acre |  |  | Production |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : Average <br> : 1962-66 | 1967 | : Indicated 1968 2/ | :Average <br> :1962-66 | $1967$ | $\begin{aligned} & \text { Indicated } \\ & 1968 \end{aligned}$ | :Average <br> :1962-66 | : 1967 : | Indicated 1968 |
|  | : | Acres | Acres | Pounds | Pounds | Pounds | $\begin{aligned} & \text { 1,000 } \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { pounds } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { pounds } \end{aligned}$ |
| Winter | : 2,380 | 2,000 | 1,800 | 8,660 | 8,800 | 8,900 | 20,906 | 17,600 | 16,020 |
| Spring | : 73,920 | 65,020 | 61,200 | 6,510 | 7,081 | - | 481,232 | 460,426 | - |
| Total | : 76,300 | 67,020 | 63,000 | 6,610 | 7,133 | - | 502,138 | 478,026 | -- |

1/ Includes processing.
2/ 1968 acreage prospective.

Table 17.-Canned fruit: Pack and stocks, 1967 and earlier seasons

| Commodity | Pack |  |  |  | Stocks |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : |  |  |  | Canners |  | Distributors |  |
|  |  | 1965 | 1966 | $\begin{gathered} 1967 \\ 1 / \end{gathered}$ | $\begin{gathered} \text { Jan. } 1, \\ 1967 \end{gathered}$ | $\begin{gathered} \text { Jan. } 1, \\ : \quad 1968 \end{gathered}$ | $\begin{gathered} \text { Nov. } 1, \\ 1966 \end{gathered}$ | $\begin{gathered} \text { Nov. 1, } \\ 1967 \end{gathered}$ |
|  | : |  |  |  |  |  |  |  |
|  | : | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
|  | : | cases | cases | cases | cases | cases | actual | actual |
|  |  | 24/212 | 24/213 | 24/22 | 24/2 $\frac{1}{2}$ | 24/2 ${ }^{2}$ | cases | cases |
| Canned fruits: |  |  |  |  |  |  |  |  |
| Apples | : | 4,056 | 3,204 | 2/2,626 | 2,001 | 2,080 | 472 | 462 |
| Applesauce |  | 15,947 | 12,916 | 2/12,759 | 8,851 | 9,680 | 1,774 | 1,837 |
| Apricots |  | 5,146 | 5,018 | 4,213 | 3/2,560 | 3/2,354 | n.a. | n.a. |
| Cherries, tart |  | 2,424 | 992 | 784 | 286 | 301 | 310 | 256 |
| Cherries, sweet |  | 714 | 607 | 832 | 370 | n.a. | n.a. | ก. B. $^{\text {a }}$ |
| Citrus sections 4/ |  | 2,973 | 3,579 | 5/1,195 | 1,212 | 1,248 | 6/294 | 6/372 |
| Cranberries |  | 3,351 | 3,583 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Mixed fruits 7/ |  | 15,661 | 17,121 | 14,319 | 10,922 | 9,751 | n.a. | n.a. |
| Peaches: |  |  |  |  |  |  |  |  |
| Total ex. spiced | , | 29,392 | 36,194 | 26,349 | 16,888 | n.a. | n.a. | n.a. |
| California only: |  |  |  |  |  |  |  |  |
| Clingstone |  | 23,233 | 30,348 | 22,566 | 12,960 | 9,968 | - | - |
| Freestone |  | 4,073 | 3,814 | 3,307 | 2,854 | 2,420 | - | --- |
| Pears | : | 6,408 | 11,040 | 5,718 | 6,759 | n.a. | n.a. | n.a. |
| Pineapples (Hawaii) | : | 14,961 | 16,739 | n.a. | 6,675 | 8/8,443 | 2,090 | 2,203 |
| Purple plums | : | 1,729 | 1,488 | 1,858 | 1,115 | n.a. | n.a. | n.a. |

1/ Preliminary. 2/ Pack to Dec. 30, 1967. 3/ Includes California only.
4/ Includes grapefruit sections, citrus salad and orange sections. 5/ Florida pack through December 30, 1967. 6/ Grapefruit sections. 7/ Includes fruit cocktail, fruits for salad and mixed fruits. 8/December 1, 1967 stocks.
n. a. means "not available."

Canners' stock and pack data from National Canners Association, Florida Canners Association, and Pinapple Growers Association of Hawaii. Wholesale distributors' stocks from Bureau of the Census.

Table 18.-Canned fruit juices: Pack and stocks, 1967 and earlier seasons


[^2]Canners' stock and pack from National Canners Association, Florida Canners Association, and Pineapple Growers Association of Hawaii. Wholesale distributors' stocks from Bureau of the Census.

Table 19.-Frozen fruits and berries: Packs and cold storage holdings, 1967 and earlier seasons


1/ Included with "other fruits and berries."
$\overline{\overline{2}} /$ Include olallieberries.
Pack data from the National Association of Frozen Food Packers. Stocks from Statistical Reporting Service.

Table 20.--Frozen concentrated citrus juices: Florida packs and stocks, 1967 and earlier seasons

| Citrus juices (Season beginning December) | :$\vdots$$\vdots$ | Pack |  |  | Packers' stocks |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1964 | 1965 | 1966 | $\begin{gathered} \text { Dec. } 31, \\ 1966 \end{gathered}$ | Dec. 30, 1967 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | : |  | $\begin{gathered} \text { l,000 } \\ \text { gallons } \end{gathered}$ | $\begin{gathered} \text { 1,000 } \\ \text { gallons } \end{gathered}$ | $\begin{gathered} 1,000 \\ \text { gailons } \end{gathered}$ | $\begin{gathered} \text { l,000 } \\ \text { gaillons } \end{gathered}$ |
|  | : | 1,000 |  |  |  |  |
|  | : | gallons |  |  |  |  |
| Orange | : | 1/88,869 | 2/70,831 | 2/127,611 | 13,047 | 29,033 |
| Grapefruit | : | 4,000 | 3,971 | 5,485 | 1,160 | 2,883 |
| Blend | : | 70 | 50 | 29 | n.a. | n.a. |
| Tangerine | : | 1,154 | 715 | 1,120 | 623 | 351 |
| Limeade | : | 656 | 590 | n.a. | n.a. | n.a. |
|  |  |  |  |  |  |  |

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TFS-166 - The Fruit Situation


[^0]:    1/ Crop year beginning year shown. Does not include Hawaii and Alaska.
    $2 /$ Preliminary.
    $3 /$ Due to rounding, totals are not identical in tables 2 and 4.
    4/ Unofficial approximation- 1966 data used for California Spring and Summer crops.
    5/ Used 1966 price to evaluate production, except California and Arizona grapes, and figs not dried.

    6/ Includes 1964-65 average only for Arizona.

[^1]:    1) Interstate shipments only. Consumer and Marketing Service. Growers Adminstrative Conmittee.
[^2]:    1/ Florida and CaliforniamArizona.
    2/ Florida, California-Arizona, and Texas.
    $3 /$ Florida.
    4/ December 1 stocks.
    n. a. means 'hot available."

[^3]:    1/Basis $42^{\circ}$ Brix. 2/Basis $45^{\circ}$ Brix.
    Compiled from Florida Canners Association reports.

