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BUREAU OF AGRICULTURAL ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE

ORANGES, FLORIDA AND CALIFORNIA: 10-AUCTION-MARKET
WEEKLY AVERAGE PRICES PER BOX, BY CROP YEARS,
AVERAGE 1940-44. ANNUAL 1946 AND 1947 *


In the 1947-48 season, auction market prices for oranges started at a lower level but rose more sharply than usual in December and in mid-January were higher than in January 1947. Auction prices in 1946-47 followed the usual seasonal pattern of declining to a low level in January--when demand diminishes and supplies are at a peak--and then rising to the end of the season.

GRAPEFRUIT, TEXAS AND FLORIDA: 10-AUCTION-MARKET WEEKLY AVERAGE PRICES PER BOX, BY CROP YEARS, AVERAGE 1940-44, ANNUAL 1946 AND $1947^{*}$


Auction market prices for grapefruit to mid-January in the $1047-4 \varepsilon$ season have tended to follow the usual seasonal pattern but at a lower level than in 1946-47. Auction prices in 1946-47 fluctuated widely and rose less than usual after vanuary 1.

## 888981

Approved by the Outlook and Situation Board, February 5, 1948


SUMMARY
Prices of most fruits are expected to continue lower this winter than in the same months of 1947 because of record or near-record supplies of fresh and processed fruits, restricted export markets, and no increase in domestic demand.

Increased demand from processors tended to hold prices of oranges in January near the levels reached in December, in contrast to sharp declines a year earlier. In late winter and early spring, prices may rise slightly, especially those of Florida oranges, as harvesting of early and mid-season varieties declines.

In 1947-48, exports of citrus, apples, pears, and other fnits, will be reduced below exports in 1946-47, mainly because of the shortage of dollar exchange in importing countries. On November 18 , Canada restricted imports of fresh apples and citrus fruits and juices, and prohibited further imports of pears and most other fruits. This is resulting in greatly reduced exports of U. S. apples and pears to Canada. Earlier in the season leading European importing countries, including the important export markets of United Kingdom and Sweden, either prohibited imports entirely or severely limited them.

Although exports of oranges this season are restricted by importing countries because of shortage of dollar exchange, incressed quantities have been taken by processors. In the $1946-47$ season, the quantities of oranges canned as juice and segments exceeded that of grapefruit for the first time. The heavy movement of oranges to processors continues.

> (For release February 13, a•m•)

Prices for grapefruit probably will continue lower than in the 1946-47 season because of the large quantities not yet marketed, reduced export demand, and only moderate demand.for processing. Although movement of grapefruit to processors has been slow so far this season, the recently announced Covernment purchase prosram for grabefruit juice should result in the processing of increased quantities.
nemand for apples and pears has not been as strong this year as last, partly because of the reduction in export demand resulting from the efforts of several foreign countries to save dollars. Prices generally have been moderately to considerably lower than a year earlier and any rise after January probably wi:ll be less than seasonal.

The commercial apple crop in 1947 was near average in size but was 6 percent smaller than the 1946 crop. The pear. crop set a new record and was 3 percent larger. than the 1946 crop. Rail and boa.t shipments of apples and pears through mid-January have been considerably lower and cold-storage holdings January. 1 were considerably larger than, a. y.ear. earlier.

The Department has announced programs for buying limited quantities of apples and pears for School Lunch and Helfare purposes, and for oncouraging diversion of winter pears from normal trade channels.

The acreage of strawberries this year is expected again to increase over the previous year's acreage but it probably: will not equal the 1937-46 average.

The domestic pack of commercially canned fruits in 1947-48 is estimated to $s$ e 18 percent smaller, and that of canned fruit juices 7 percent larger, than the record packs of 1946-47. Supplies,including carry-over, are sufficient for per capita consumption of both fruits and fruit juices to continue at or near 1946-47 rates.

The 1947 pack of frozen fruits was about 25 percent snaller than the 1946 pack. Eecause of record stocks on January l, 1947, supplies were sufficient to permit a small increase in consumption last year. Storage stocks on January l, 1949, were 21 percent sinaller than. on the preceding January 1.

The 1947-48 commercial pack of dried fruits is about 20 percent larger than the 1946-47 pack and 8 percent larser than the 1935-39: average. Fven though a slieht increase in domestic conșumption is probable, about one-third of total supplies for 1947-48 are available for export or carry-over. To assist dried fruit producers, the Covernment has purchased about 203,000 tons this season. These purchases constituted nearly one-third of domestic production and were mostly raisins and dried prunes.

CI TRITG FRTITS

## 1947-48 Citrus Crop Nearly <br> as Large as Record 1946-47 Crop

Total citrus production will be smaller than in the preceding year for the first time in six years, if January 1 prospects for the $1947-48$ crop are realizod. Tho now crop is expected to total approximately 189 million boxes or 7.7 mil -
lion tons, fresh weisht. This is 2 percent smaller than the 1946-47 crop but 93 percent larger than the 1935-39 averare. All of the decrease from 1945-47 is expected to result from a 5 percent decline in the orange crop. The new grapefruit crop is estimated to be 5 percent larger.
$\frac{1947-48 \text { Orange Cron Fstimated }}{\text { at } 108.3 \text { dillion } 130 x e s}$
Tbtal national production of oranges (excluding tangerines) is ectimated at 108.3 million boxes in $1947-48$, 5 percent smajler than the record of 114 million boxes in $1940-4{ }^{\prime} 7$ but 30 percent larger than the $1936-45$ average of $33.5 \mathrm{mil}-$ lion boxes, The early and mid-reason crop of 51.2 million boxes is 6 percent smaller than the 1946-47 crop. The Valeruia crop, harvest of which usually starts in Florida in February and in California about May 1, is estimated at 57.1 million boxes, 4 percent smaller than in 1946-47. Tbtal orange production in 19/4748 is about 6 percent sinaller in both Florida and California than in 1946-47, but 16 percent larger in Texas.

The Florida tangerine crop is ertimated at 4.3 million boxes, about 9 percent smaller than the $19 / 46-47$ crop but 35 percent larger than average. Harvest of the crop was about completed by "ebruary 1.

Production of rrapefruit in 1947-49
hetimated at 62.3 lillion Roxes
The 1947-49 arapofruit cron is forecast at 62.3 million boxes, nearly 5 percent larger than trie 1946-47 crop, 40 percent larger than the 1936-45 averape but 2 neront smaller than the reonrd $1945-16$ crop. In Florida, the new croo is estimated at 37 million hoxes, about 7 percent larger than the 1946-47 crop. The Texas crop of 24 million boxes is 3 percent larger than the 1946-47 crod.

## Jemons and Limes

Production of California lemons in 1947-48 is estimated at 14.1 million boxes, 2 percent larger than in 1946-47 and 16 percent larger than average. The 1947-48 crop of Florida limes is estimated at 190 , noo koxes, 12 percent larger than the $1946-4$ '7 crop and 41 percent larger than averace. Dy Jonuary 1,1048 , nearly all of the $1347 \sim 48$ lime crop had been marketed, but most of the $l$ emon crop was still on the trees.

Heavy Movement of Florida Oranges
to Processors This reason
Mainly because the now citrus crop reached maturity later than usual last fall, marketings were slow in getting under way. Slightly more Florida oranges from the new crop had been taken by processors or shipped fresh through Jenuary 24 than a year earlicre Total utilization of Florida grapefruit was slightly smaller and that of Texas grapefruit considerably maller than in 1946-47. The upward trend in use of oranges for processing, primarily as canned juice, is continuing. By January 24, ahout 10 million boxes of $1947-48$ crop Florida oranges had been taker by nrocessors, ahout 92 percent more than a year earlier from the 1946-47 crop. In contrast, only 5.9 million toxes of Florida grapefruit had been taken by processors through January 24,8 percent less than a
year aarlier. In $1946-47$, the total tonnage of oranges (excluding tangerines) that was processed exceeded that of grapefruit by ahout 30 percent.

Reported shipments of citrus in fresh market channels were 14 percent smaller through Januar: 24 this season than in the same portion of the 1946-47 season. Apuroximately 47,900 cars have been shipped by rail and boat thus far this season, about 23 percent less than a year earlier. However, this reduction was partially offset by increased shipments by truck. Slightiy less oranges cut considerably more grapefruit remained to be marketed than a rear earlier.

Es:ort Market for Citrus Fruit
Restricted During 1947-48 season
Commercial emports of fresh citrus fruit in the 1947-48 season are expected to be substantially smaller than ir the $1940-47$ season, when they totaled nearly 12 million boxes or 5 percent of the entirc crop. About half of the citrue exports in the $2946-47$ seacon went to Canade. Fxports of processed citrus fruits also are expected to be lower than in 1946-47, when about 14 percent of the canned citrus juice (single strength hasis.) and 25 percent of the canned grapefruit segments were exported, Mainly because of the shortage of dollar exchange, importing countries this season nave either prohibited imports or severely reduced the quantities of fresh and processed citrus that may be imported from the Inited States.

On November 19, 1947, the Canadian Covernment restricted imports of a specified group of iresh and processed fruits and vegetables (orances, grapefruit, lemons, apples, onions, potatoes, sweetpotatoes, and fruit juices, including citrus) from the Unjeted States to twice the average annual value imported in 1937, 1939, and 1939. This means that the United States exports of this category of fruits and vegetables to Canada during 19/ri-48 may be reduced by one-third to one-hali of their value in 1946-47. No restrictions are aunlied to bananas, raisins, figs, and dried prunes, but all other fruits and vesetables and their products are prohibited entirely. For many years Canada has been the leading importer of fresh citrus fruits from the United Stetes, and exports to Canada are continuing at, a relatively high rate this season to date, indicating importers are preferring citrus fruits over other restricted items. The Canadian order is terined an emergency measure and is subject to modification according to developments in the Canadian exchange position.

## Govermment Purchase Prograin for Concentrated

and Canned Grapefruit Juice Announced
On January 19, 1948, the Department of Agriculture announced that it will purchase up to 6 million dollars worth of canned single-strength and concentrated grapefruit juice, in order to provide utilization of some fruit that ctherwise might be wasted. Purchases will be made from processors, growers, associations of growers, or their authorized agents by the offer-and-acceptance method. This program is in addition to the purchases of concentrated orange juice for school lunch use, of which 558,036 gallons were purchased last fall, mostly out of the 1946-47 Valencia crop, and about 770,000 gallons purchased since Christmas out of the 1947-48 croo.

## Prices for Citrus Eruits Average Lower This season Than Last

Prices for fresh citrus fruits received both by growers and at terminal auction markets have averaged moderately to considerably lower than in the same nart of the $1946-47$ season." The decline has resulted mainly from large production, reduced export markets, large carry-over stocks of canned citrus juices, delayed maturity of the fruit for canning and fresh use, and large supplies of other fruits and foods.

Citrus fruits are one of the few farm food commodities for which prices have dropped substantially from wartime levels. In 1946-47, the index of prices received by growers for citrus fruit was 130 (1935-39.100) compared with 194 in 1941-45. The averaee for the current season will be cven lower.

Prices for most $7.947-48$-crop citrus fruíts declined last October and Novenber. However, the average prices for oranges ir the terminal auction markets increased moderately in December in response to Christmas demand. In January, auction'prices for oranges were slightly to moderately riigher tran a year earlier when they:dropped charply. Increased demand for oranges for procassing is helping sustain prices this winter. During the February-April period, prices are likely to average near the levels of the seme period in 1947. : Slight rises in price, especially of Florida oranges, are probable as harvesting of the early and mid-season varieties declinos and that of Valencias increases.

Auction prices for grapefruit have averaged lower this season than last, and probably will continue lower. Supplies remaining to be marketed are larger than at this time last season and demand for processing is down. Howevor, the recently announced Covernment purchase proधram for processec grapefruit juice is expected to give a firmer tone to the market

Auction orices for lemons averaged slishtly hisher in mid-Januery than in mid-January $1947^{\circ}$ when they dropped sharply. Prices tilis winter probably will average near those of last winter. Merket moverent of lemons in winter usually is only at about one-third the rate that it is in late spring and summer when warm weather stimulates demand.

Fresh liarket Shipments of Filorida
Cítrus Fruit susoended Jenuary 23-29
Because of Frost Occurrence
Because of frost damage to Florida citrus fruit on January 15, the Florida Citrus Commission placed an embargo on all fresh marke shipments from January 23 to January 29. Fxtent of damage could not be determined immediately. Terminal market wholesale prices rose sharply in anticipation of reduced supplies, but did not long hold their gains.

More Appies in Storage
Januar. 1 This Year
Some 29.8 millior bushols of applee were reported in storage this January l, compared with 27.3 nifilion bushels a year earlier. doldings were larger in each State except Fiew Jersoy, Pennsyivanja, Virgiria, and West Tirginia. Holdinga of apples were largest in Washington and New York, as is usually the case at this time of the year.

Carlot Shipments of Applos from Eastern States
Nuch Lower this foason than Iast.
Carlot rail and boat shipments of apples from Western States through January 24 this scason were only slightiy less than for the same period a year earlier. On the other hard, shipments from Eastern States were less than onethird those of a year earlier. The emailer ehipments from Eastern States this season were duo in part to the unaller crop fir the Appalachian area, the greater economic abandoiment of the 1947 crop, larger cold-storage holdings on January $l$ relative to the size of the crop'in several Fastorn Stetes, and the weaser total demand this seacon,

In addition to domestic shipinents, 1,673 cars of appl..ss were imported from Canada through January 17, 5 ę more than for the same periou a year earlier. The marketing plans developed by the Canaca-TJited States Joint Appie Committee last August provided Zor increased imports fruic Canada,

Less Than Seasonal Rise in Prices
For Rest of Season
Prices received by: farmers for comerciai epples of the 194? crop have generally been lower this scason thail prices ì the same inonths a year earlier. For the rest of this season, apple prices paobsbly will remain below those of a year earlier and are expected to rise less than seasonaily. Contributing to this price prospect ere the lawer danuary 1 stocks of apples this year, the reduction in quantities used for processing, larger supplies of all fruits combined, and weaker foreign demand.

Although the totai commerciel apple crop in 1947 was almost 7 miliion bushels smaller thain that of 1945, nearly 2.4 million bushele were not harvested because of unfavorable economic conditions. In 1946; only 100,000 bushels were unharvested for this reasori.

## Export Outlets Curtailed This Season

A number or Europoan countries including the United Kingdom took substantial quantities of apples in the 1945 season. However the prospects for the 1947 crop are much less favorable, the to the progressively deteriorating dollar exchange situation and to the excelient fruit crops abroad.

Apples are included in the specific croup of fruits and vegetables upon which Canada has imposed quota restrictions as explained above on page 6 . If Canadian importers chose to use up the full quota by importing the several quota items in tho same proportion to each other which thoy had in 1937-39, the value for apples would be 664,000 (Ganaciian). Their 1946 imports of United States apples wore valued at 263,000 (Canadian).

In actual practice un to date, Canadian importers have been usine their quotes primarily by importins fresh citrus fruits; so it aprears that apples will fall far short of thoir 1937-39 relationship to other fruit imports.

Unier an agreement concluded last Juns, Sweden sot uiv a quota for imports or apples and kears.from the Thited states for the 18 months, January $1,1947$. June 30, 1048, oquivalent to 150 percent of such imports during the 1046 calendar year.
lt the timo of the agreoment, it wap. entimated that this action would provide for the entre into sweden of about 650,000 bushels of 1947 -crop apples from the United states. It now appears that, because of some delay in issuing permits due to exchange difficultios and bocause of other considerations, the quantity of 1947-crop U. S. apples for wich permits will be is sued may approximate only 350,000 bushels.: Thisswould be corsiderably above prowar, levels but less than half of the quantity which moved in the $1040-77$ iscal year.

On tho othor hand, the Fhilippinc Islands are onereing as ar important customer for U. S, anples, and in 2947-48 will bo the leacinc customer. Dxports of U. S. apples to tho Philipnines from July throunh ITovember this seas on to taled 444,000 bushels. In the fiscal vear $1940-47, \ldots$ they tool: 532,000 bushels and were tho third largest importer.

Govermient Purchase prograr:
Another fovorablo price factor is the announcement January 29 that the Goverment will buy apples for Schoo? Lunch and Wolfare purposes. The purchases will be nade on an offer-and-scoptance basis. The program will extond to liay I5, 1948 and the marimur: to be acquired is limited to a value of $42,400,000$.
$\frac{1947}{\text { iear Averace }} \frac{\text { Commercial }}{\text { Cron }}$
The 1947 apple crop in comercial areas is estimated at $112,503,000$ bushels 6 percent less than the 1946 crop of $113,410,000$ bushels, but oinly slightly less than the 1036-45 averace of $112,306,000$ bushels. 13 ecause of a short crop in the Appalachian area, commercial profuction in the lastern States wss about a fifth below average. IIc:rever, production wis about average in the central states and nearly a fifth abore averace in the lestorn states. Of the total oommercial crop in 1347 , about $\leqslant 0$ percent was crovm in the liostern. States, 27 percent in the North. Atlantic States, 18 percont in the Contral States, and 9 percont in the South Atlantic $\Sigma$ tatos.

## Delicious and Winesap Continue

## As Leading Variotios

There are several hundred varieties of apples grown in the United States, but relatively few are of any commercial significance. Eighteen varieties accounted for 89 percent of the total 1947 commercial production. Five varieties (Delicious, Winosap, McIntosh, Jonathan, and Rome Beauty) mado up more than half of the total.

Delicious is the leading $U$. S. apple variety. It made up nearly 22 percent of the 1947 commercial crop and a little more then twice the production of Winesap, the variety in second plaoe. While Lelicious apples are grown in many States, Washington alone accounted for 73 percent of the 1947 commercial crop of this variety. This is a scmowhat higherpercentage than in most other years because of the short crop in the Appalachian area.

Winesap apples also are grown in nearly all commercial areas, but Washington and Virginia usually produce about 90 percent of the total. The 1947 Winesap crop in Washington was slightly larger than in 1946, but in Virginia it was less than one-third as large as the 1946 crop.

McIntosh is the principal variety grown in New England and New York, and in 1947 ranked third in the United States. New England, New York, and Michigan usually produce about nine-tentis of all. McIntosh.

Delicious, Winesap, and McIntosh are classified among the "Winter". varieties which are harvested in the fall and are marketed in the winter and spring. Other leading winter varieties are Rcme Beauty, Beldwin, Stayman, Yellow Newtown (Albemarle Pippin), and York Imperial.

The principal summer variety is Gravenstein, grown primarily in California The leading fall varieties are Jonathan, Grimes Golden, and Wealthy. Jonathan apples are grown primarily in the Central and Western States. Grimes Golden are grown mostly in the Central and. South Atlantic States. Wealthy apples are grown mostly in North Atlantic and Central Stetes.

The proportion of the various varieties to total production in 1947 was different from that in 1946 chiefly because of the small 1947 crop in the South Atlantic States. The 5 leading commercial varieties in the South Atlantic States, in descending order, are York Imperial, Stayman, Delicious, Wingsap, and Grimes Golden.

PEARS
Record Crop in 1947
The 1947 near crop of $35,350,000$ bugnels was 3 percent larger than the former record in 1946 and 20 percent larger than the 1936-45 average. The 3 Pacific Coast States produced 80 percent of the total pear crop in 1947 and an average of 73 percent for 1936-45. Bartlett pears were 72 percent of all pears grown in 1947 in the 3 States.

Carijot shipment of pears by rail and boat through January 24 this scason totale: 17,570 cars, considerably ioss than tile 19,224 for the ame period a year earlier. Silipment froin Vesilngton and Cregon, the 2 leading nourcea, totaled 10,978 cars, or nearly 2,200 fower than a year earlier. Shipnente from all othes States were 9 porcent lerger than a year eorliox.

## Record January 1 Pear Stocks

The larger crop and slower movement of winter pears thio season are reflected in cold-storage holdings on jaruary l, 1943. Although not movenent out of atorage was high in Decomber, January, 1 stocks totalod nonrly 2.2 milifon buehelis, compared with 1.7 milion buerels a jear earlior and the 1943-47. average of 1.1 million bushels for thic dato.

The holdings of winter pears in Uregon, Washington, and Californis were 91 percent oif total Junuary 1 poar stocks.

## Prices Lower Than Last Year

Despite fine quality, pears have been bringing lower prices to farmers this season than last. Preliminary estimates indjcate that prices recelved by farmere will average lower, then at ony other time otnce 1942, but higher then in any of the years between the twe World Wars, Wholessio prices for I'Anjou and Bosc pears sold at auction in New York and Chivago have doclined fairly stoadly most of the time since last Aurquat.

Price Prospect Darkened
By Restricted Export Markets
Pricesi farmers will recelve for pears the rest of this eeasen may rocover somewhat from the current low levels, but the rise probably will be less than ceasonal because of the relatively iarge stocise in storage. A further beariah factor in the price prospect is the Canaiian action of last November which prohibite entry of U. S. pears into Cenade. Up to the time the embarge took effect, Canada had imported aboui 374,000 busheis of 1947 -crop pears from the : Unitgd States. Canado Importec about 564,000 bushels of U. S, pears in the 19406-47 season.

Swedon eatablished a quota for imports of $U=S$, appled and poars for tha 18 monthe, January 1, 1947 to June 30, 1948, equivalent to 150 percent of such imports during the 1946 calender year. At the time that the quata was set up, It was estimeted that this would provide for entry of about 135,000 tuatola of 1947-cron pears from the Uniteu States. However, as in the case of apples, con-. tinued detsrioration of exchenge conditions, has reduced proapecta for axporta: of pears to Swoden.

Prior to the complete shut-down last sumrer on exports of pears to the United Kingiom from dollar axchangs, countries, about:500,000 bushele of, 1947~crop U. S. peari had been scld in that market.

The Desartiont of Acriculture ${ }^{\text {a }}$ recont announconent that tho Comindty Ci*cdit Corporation will purchose for tho Schonl Luncil Frozrarn up to 125,000 boxes of vintor poars pioducod in orogon, Washington, and Cailforata is londing oupport to tho pear rarket.

On January 30, 1948 tho Departmert announcod a procrait dosignod to encourago donestic consurption of dosl mated vorlotica of winter pears produced in orocon, Washington and California. Fayments of is cents par boz will be mado to chippors for pears of tho Bcurro DiAnjou and Doycnic du Conico varietico (UnS. Nc. E Ereie of
 larger, only) divartod fron normil trado chariola to tho domostic diveraion narkots in 18 wpocifich croat Ylaines Southomi, and Southoastomil Statog. (Soo USDA pross rolcaso iro. ? 35-48,

## STPAIMBERRIES

## Furthor Eocovory in Acreacc

Fron War-TiMo Iovis Ixdicated
Bccause of the hich yioid po: asre indicatod on Juntary 1 , prospoctivo cupplites of stramorrios for tho winter farkot wore cotimatod to be 17 poreont above thoso of last yoar and oniy 3 porcont bolow tho $1937-46$ avorago in apitc of smallor acroago thid yoar. Ilowover: tho frocze of january it to 16 did substantial danago to Florida stravborsies, and aurvocting will bo intorruptod fron 4 to 5 wocks, ioponding upon cubsoquont weathor.

Spring acroage is expected to bo nearly 5 porcent iarger than last yoar, thouch etill about if porcont bolow avorace. This would continuc the incroaso in acroage fron tho low point rouchod during tho war.

DRIED FRUT?

## 1947-48 Pack of Dricd Fruit Ectinated at About 600,00 Tons

Tho 1947-48 comsorcial pack of dricd fruita 10 ostirated at approxinatoly 600,000 tons, proceosed woisint. This is about 20 porcont largor than tho 1946-47 pack, 8 porcont largor than the $9935-39$ avorago, but 10 porcont evoller than tho 1943-44 rocord. Of tho totai $1947-48$ jack; 50 porcont is composed of raiolns and 35 porcont of dricd prunco. The romafider conolots of ficos, poachos, apricota, applos, datos, and poar. Tho raloin pacis 1578 porcent lorgor than tho $1946-47$ pack, and thet of aprecots is about tho samo as last season. Tho packo of the other fruita aro inilics, with what of prunco down 8 peroect. Total supplios, includinc pack, carry-ovor, and imports of datos and fles, anount to about 680, 000 tons, 20 pervont largor than in 1946-47.

Domostic consumption in 1947-48s: including about 24,000 tono uaed in the School Lunch Prouran, is oxpoctod to avoraic about 6 poundo por capita, silfhtly nore than in 1946-47\% About one-thiri of tho supplios aro available for expert or carry-over.

Under the Covernment Purchase Program for 1947-48-pack dried fruits, which vias inausurated to provide outlets for quanti ties normally exported, about 203,000 tons has heen bousht to date. "This included 105,000 tons of raisins, 96,000 tons of prunes, 6,020 tons of fies, 3,750 tons of pcaches, and 2,250 tons of anples. All of the figs, peaches, and apples, and 6,000 tons each of the raisins and dried orunes are for use in the School. Lunch Program. It i.s expected that 2 large part or: all. of the remaining raisins and prunes will be utilized in rolief feeding programs abroad. A..shipment 0 f 2,240 tons of raisins already has gone to Austria.

CANND FRUT A AT FRITT JUTCFS
Total Sumolice oi Carmed Truits
About as Large as in 1946-47 Scason
The domestic peck of comercially canned fruits in $1947-48$ is estimated at approximately 2.7 villion pounds (net conned weight), the "equivelent of about 60 million castu: of 24 No. 2-1/2 cans. This is 18 percent. smaller than the record peck of 3.2 billion pounds in 1946-47, but 56 percent larger than the average for $1935-3 \%$. Decreasca are general among the major fruits, with the largest in apricots. The largest increase is in fruit cocktail and salad. Shipments of canned pineapple from Hawaii are expected to be about 12 percent larger than in 1946-47. Total imports from other countries, mostly olives in brine and canned pineappic, also are expected to be about la percent larger. Carry-over stocks at the beginning of the 1947-4s sespon wre rubstantially larger than an . those of y year earlier. iith these increses in imports and stocks, tótal. supplies of about 3.8 billion pounds ari only 2 percent smalicr than the total for the $1946-47$ season. Per canita condmption in the $1947-48$ season probably will be about as largo as, the record of 21 pounds in 1946-47.

Canned Pack of Orange Juice Fxocted to.
Exceed that of Grapitirult Juici for the

## Second Consecutivo Season

The 1947-49 comercial back of canner fruit juices may approximate 2.4 billion pounds, the equitalitnt of about 55 million casses of 24 No . 2 2-1/2. cans. This would be ahout 7 percont lareer than the record 1946-47 pack and would set a new record. Probably about 16 porcent of the 1947-48 pack will consist of de-: ciduous fruit fuices. The new nack of these juices is expected to be about as large as that of $1946-47$, but that of cjetrus fruit juices may be ahout" 10 percent larger.. Modcrate increases are crooctod thio scason in the packs of canned orange juice and blended orange and grapefruit juice. In $1945-47$ the pack of orance juice exceeded thet of grapefruit juice for the first time, and this shift is expected to continue in 1947-48. Receipts of cenned pineaple:juice from. Hawaii probably will be about as lirge this season as last. Stocks of canned citrus Juices were' substantially mallor at the begirning of the 1947-48 pack scason than a year cerlier.... But with the prospective increase in pack, total. supplies in the $194^{7} 7-48$ season will be nearly as large as in the preceding season.

Exports of canned fruit juices in 1947-48 probably will be smaller than in 1946-47. Domestic per capita consumption is likely to equal or exceed the record of 15.7 pounds in 1946-47.

## FROZEN FRUIT

The 1947 commercial pack of frozen fruits, berries, and fruit juices. probably did not exceed 400 million pounds. This is about one-fourth smaller than the record of 523 million pounde in 1946, and is the first time in four years that production has declined from that of the preceding year. Strawberries are the only major fruit frozen in larger quantity in 1947 than in 1946.

Per capita consumption of frozen fruit in 1947 is estimated at about 3.4 pounds compared with 3.1 in 1946. This continues the upward trend in consumption of the Jast decade. By drawing upon stocks, consumption was increased despite the decrease in pack. Consumption of frozen fruit in 1947 constituted about 1.5 percent of total fruit consumption. Per capita consumption in 1935, the first year for which data are avallable, was 0.5 pound and the average for 1935-39 was 0.8 pound.

Storage stocks of frozen fruit on January 1, 1948 were approximately 373 million pounds, 21 percent smaller than a year earlier. Stocks of all items were smaller except grapes, raepberries, strawberries, and Young, Logan, Boysen and similar berries.

APPIES: Commercial crop, by varieties and geographical areas, 1945, 1946, and 1947


Table l.m Fruits (fresh basis): Production in'tho United states, averace ioj5-39, annual 1943-48


Oranges and
tangerines
Grapefruit...........: 1,121
Lemons, Calif....... : $\frac{354}{}$

Total citrus....... $3 ; 995$
GRAND TOTAL,
including oitrus :
from bloom of year:
beforo..............
inciuding citirus: :
from bloom of
current year......
As reported Docember 1; 1347.
Loss thall 500 tons. $\quad$ U/ Unficial rough estimate.
NOTE: Florida limes are harvested chiofly in tho same year as the bloon, but all other citrus fruits are harvestod mostly in year following year of bloom.

Tablo 2. - Citrus fruits: Production, avorago 1936:4う, annual 1945 and 1946, and indicatod 1947 1/


If Soason bocins vith tho bloom of the yoar shorm and onds with the:crmpletion of harvest the following yoar. In California picking usually extend from about oct. I to Dec. 31 of tho following yoar. In other States the season begins about.Oct. I and onds in early sumrior, except for Florida linos, harvost of which usuilly starts about April 1 of the same ycar as tho bloom. For some Statos in cortain yeers, production includos some quantititios cionated to charity, unharvested, and/or clininatcd account of coonomic conditions. 2/ Includes small quantitios of tangorines.
3/ Production includos the folloving quantitios not harvested on account of economic Conditions: Fla., tangerines 800,000 boxos; grapefruit, secdless 800,000 boxos and "othor" 1,800,000 boxos; oranges, 900,000 boxes. 4/ Net content of box varics. 5/ In Callf. and Ariz., Navole and miscelleneous .-6/ Production includes the folIowing excossive quantities not utilizcd on account of economic conditions: Texas, 500,000 bpxes; Ariz., 923,000 boxes (480,000 boxcs unharvested and 443,000 boxes dumpcd).

Table 3.- Oranees and lemons: Weishted average auction price per box, New York and Chicasc, October-January, 1946-47 and 1947-48


Compiled from weekly reports of the California Fruit Growers Exchange, New York, and the Chica; Fruit and Vegetable Reporter.

Table 4.- Grapefruit: Weighted average auction price pér box,
New York and Chicaso, October-January, 1946-47 and 1947-48

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New York: : Do1. Dol. Dol. Dol. Dol. Dol. |  |  |  |  |  |  |  |  |
| Oct...... | 4.52 | 3.94 | 3.43 | 2.67 | 4.24 | 3.44 |  |  |
| Nov. | 3.80 | 4.00 | 3.39 | 3.08 | 3.76 | 3.81 | 2.04 |  |
| Dec.....: | 3.92 | 3.38 | 2.96 | 2.16 | 3.79 | 3.25 | 3.60 | 2.87 |
|  |  |  |  |  |  |  |  |  |
| Jan. 2..: | 4.10 | 3.52 | 2.76 | 2.27 | 3.90 | 3.25 | --- |  |
| 116. | 3.93 | 3.71 | 2.77 | 2.22 | 3.79 | 3.41 | --- | 1.40 |
| "16.. | 3.13 | 3.58 | 2.47 | 2.43 | 3.08 | 3.48 | --- |  |
| Chicaro: | 2.81 | 4.09 | 2.22 | 3.22 | 2.76 | 4.07 |  |  |
|  |  |  |  |  |  |  |  |  |
| Oct...... | --- | --- | --- | --- | 4.05 | 3.33 | 3.18 | 2.97 |
| Nov..... ${ }_{\text {Dec. }}$ : | --- |  | --- | --- | 3.05 | 3.00 | 3.59 | 3.17 |
| Wh. ended:: --- $\quad$ - $\quad 3.23$ 2.76 2.88 2.75 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Jan. 2.: -- --- $\vdots$--- |  |  |  |  |  |  |  |  |
| " ${ }^{\prime \prime}$ 9.: |  |  | --- |  | --- | 1.98 | 3.09 | 2.04 |
| " 16.: | --- |  |  |  | 2.15 | 1.43 | 2.83 | 2.65 |
| 11 23.: |  |  |  |  | 2.30 |  | 2.55 | 2.83 |

Compiled from weekly reports of the California Fruit Growers Exchange, New York, and the Chicago Fruit and Vegetable Reporter.

Table 5.- Oranges (excluding tangerines): Total woekly shipments from proriucing areas, by varioties, Dctobor-January, 1946-47 and 1947-48 I/

| $7 \mathrm{~T} 46=47$ |  |  |  |  |  | 1947-48 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period:  <br>   <br>   | Calif Ariz. Valencias | Calii.-: <br> Ariz. <br> Tavels <br> and <br> misc. | Fla. | Texa | $\begin{aligned} & \text { Tote. } \\ & 2 / 1 \end{aligned}$ | Calif. - <br> Ariz. <br> Valen- <br> cias. | $\begin{aligned} & \text { alif.-: } \\ & \text { Ariz. } \\ & \text { avels : } \\ & \text { and } \quad \text { isc. } \\ & \text { isc. } \\ & \hline \end{aligned}$ | Fla. | Texas: | Total 3/ |
|  | : Cars | Cars | Cars | Cars | Cars | Cars | Cars | Cars. | Cass | Cars |
| Season : throurh : |  |  |  |  |  |  |  |  |  |  |
| Oct. 18.: | :31,395 | --- | 1,486 | 1 | 32,885 | 31,986 | --- | 184 | 12.7 | 32,297 |
| Weok cnded: |  |  |  |  |  |  |  |  |  |  |
| Oct. 25.: | - 285 | --- | 2,104 | 242 | 2,637 | 1,396 | --- | 647. | 174 | 2,217 |
| Novo 3 | 147 | - | 1,789 | 374 | 2,524 | 141 | -- | 842 | 236 | 1,203 |
|  | 83 | 23 | 1;051 | 272 | 1.441 | 729 | 25 | 963. | 2159 | 1,980 |
| 15.: | - 5 | 292 | 1,920 | 242 | 2,471 | 489 | 588 | 1,366 | 255 | 2,706 |
| 22.: | : 3 | 765 | 1,918 | 321 | 3,018 | 2.55 | 981 | 1,524. | 291 | 3,059 |
| 29.: | : --- | 1,326 | 1,701 | 338 | 3,376 | $86^{\circ}$ | 1,003 | 1,180 | 237 | 2,509 |
| Dec. 6. | : --- | 1,357 | 2,176 | 392 | 3,934 | --- | 1,324 | 1,300. | $3 \leq 3$ | 3:065 |
|  | : --- | 1,649 | 3,393 | 561 | 5,620 | --- | 012 | 2;56.8 | 421 | 3,907 |
|  | : --- | 905 | 2,064 | 505 | 4,477 | --- | 362 | 3,055 | 506 | 3;943 |
|  | : --- | 592 | 260 | 312 | 1,168 | --- | 500 | 1,055 | 394 | 1,963 |
| ian. $\begin{array}{r}\text { 3.: } \\ \text { 10.: } \\ \text { 17.: } \\ \text { 24. }\end{array}$ |  | 692 | 1,670 | 323 | 2,687 | --- | 808 | 959. | 425 | 2,195 |
|  | : --- | 1,058 | $\cdot 1,971$ | 334 | 5,367 | --- | 1,021 | 1,729 | 419 | 3;175 |
|  | : | 980 | 1,329 | $\leq 37$ | 3,348 | --- | 945 | 1,238 | 465 | 3:052 |
|  | : . --- | 1,187 | 1,753 | 415 | 3,360 | -- | 807 | 2,234 | 633 | 3,677 |
| Seas on |  |  |  |  |  |  |  |  |  |  |
| through : | :3?, 918 | 10,017 | 28,085 | 5,009 | 75,113 | 35,082 | 9,276 | 1,354 | 5,165 | 70,948 |

I/ Rail, boat, and truck. Total truck shipments fron rexas; interstate truck Shipments from Califomia-Arizona; interstate ond intrastate truck shipments (excluding trucked to canners and to boats) from Florida. AIl data subject to revision. Ficcures include oranges which wero in mixed-citrus shiments.
2/ Includes 124 cars from Alabama, Louisiana, and IMississippi, October 19 through January 25.
3/, Includes 71 cars from Alabana, Louisiana, and Iississippi, lovember l through Jenuery 24.
Compiled from records of the Production and Narketing Administration.
Table 6.- Tangerines, Florida: Total weokly shipments from producing points, November-January, 1946-47 and 1947-48


Table 7.-Grapefruit and lemons: Total weekly shipments from producing areas, October-January, 1946-47 and 1947-48 I/

| Season through: Cars <br> Oct. $18 \ldots \ldots$ |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| ek ended |  |  |  |  |  |  |  |  |  |  |
| Oct.Nov. | 559 | 430 | 31 | 1,020: | 590 | 228 | 16 | 834 | 173 | 183 |
|  | 453 | 756 | 70 | 1,279 | 499 | 365 | 69 | 93 | 170 | 195 |
| 81522 | 434 | 611 | 92 | 1,137 | 403 | 485 | 43 | 931 | 155 | 166 |
|  | 455 | 775 | 89. | 1,319: | . 224 | 615. | 33 | 1,17? | 148 | 208 |
|  | 407 | 911 | 66 | 1,384: | 545 | 735 | 25 | 1,305 | 168 | 190 |
| Dec. 29 | 337 | 744 | 71 | 1,152 | 542 | 593 | 34 | i, 169 | 137 | 205 |
|  | 445 | 798 | 62 | 1,305 | : 447 | 646 | 29 | i, 122 | i8i | 199 |
| 1320$\times \quad 27$Jan. | 511 | 932 | 69 | 1,512 | 427 | 819 | 27 | i,273 | 227 | 183 |
|  | 607 | 657 | 45 | 1,309 | 578 | 588 | 35 | 1,201 | 284 | 16.7 |
|  | 107. | 591 | 34 | $\therefore .732$ | -379 | 468 | 29 | 816 | 286 | 140 |
|  | 360 | 605 | 46 | 1,011 | 279 | 533 | 36 | 838 | 181 | 145 |
| 1017 | 528. | 925 | 40 | 1,493: | 398 | 738 | 46 | 1,182 | 216 | 204 |
|  |  | 1,180 | 65 | 1,818: | 419 | 814 | 43 | 1,276 | 213 | 183 |
| 17 24 |  | 947 |  | 1,484 | 500 | 926 | 59 | 1,485 | 237 | 218 |

Season through:
Jan. $24 \ldots: 9,08610,8621,145 \quad 21,093: 3,320 \quad 8,651 \quad 73717,708: 4,353 \quad 4,305$
I/ See foot note 1 on Table 5.
Compiled from records of the Production and Marketing Administration.
Table 8.-Strawberries: Commercial acreage, average 1937-45, annual 1947, and indicated 1948


Table 9.-Apples and pears: Weighted average auction price per box, specified varieties and all grades, New York and Chicago; October-January, 1946-47 and 1947-45.


1/Washington, Extra Fancy.
Compiled from N.Y. Iaily Fruit Reporter and Chicago Fruit and Vegetable Reporter:
Table 10.- Apples, eastern and midwestern: Wholesale price per bushel for stock of generally good quality and condition (U.S. No. I when quoted) and 2-1/2 inch minimum size, New York and Chicago, September-January, 1946-47 anid 1947-48


Table ll.- Apples, commercial crop: Production, by areas, average 1936-45, annual 1946 and 1947


Tarle 12.- Average prices received by farmers for important fruits, United States, January 15, 1948, with comparisons


1] Equivalent on-tree returns for all methods of sale.

Table 13.- Selected deciduous fruits: Carlot (rail and boat) shipments from originating points in the United States, October to January, 1946 and 1947 seasons


Table 14.-Grapes, California: Weighted averaze auction price per lur box, at New York, October to January, IV46 and 1947 seasons


Compiled from the New York Daily Fruit Feporter.

Table 15.- Tree nuts: Froduction, averase 1936-45, annual 1945, 1946, and 1947 I/


1/For soine S-:tes in certain years, production includes some quantities unharvested on account of economic conditions. In 1745 , about 200 tons of walnuts were thus unharvasted in Ore,

Table $16 .=$ Fruits and nuts: Cold-storase holdines, Jan. I, 1348, with comparisons


Compiled from reports of the Production and Marketins Administration.

* Tree nuts and peanuts tomether.

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