CROP PRODUCTION

Released: October 10, 1980
3:00 P.M. ET

HIGHLIGHTS

CORN production is forecast at 6.47 billion bushels (164 million metric tons), down 1 percent from the September 1 forecast and 17 percent below the record crop produced a year ago. The 90 percent confidence interval for this 1980 production forecast is 6.09 to 6.85 billion bushels.

SORGHUM GRAIN production is forecast at 547 million bushels (13.9 million metric tons), down 33 percent from the 1979 crop.

FEED GRAIN production (corn, sorghum, oats, and barley combined) is expected to total 192 million metric tons, down 18 percent from last year's record high 234 million metric tons.

SOYBEAN production is forecast at 1.76 billion bushels (47.8 million metric tons), down 4 percent from last month and 23 percent less than last year's record crop. The 90 percent confidence interval for this 1980 production forecast is 1.66 to 1.86 billion bushels.

OILSEED production (soybeans, cottonseed, peanuts, flaxseed and sunflowers combined) is expected to total 55.2 million metric tons, down 24 percent from last year.

FOOD GRAIN production (wheat, rye, and rice combined) is forecast at 71.2 million metric tons, 10 percent above 1979.

ALL COTTON production is forecast at 11.6 million bales, 21 percent less than 1979 and 7 percent below the September 1 forecast. The 90 percent confidence interval for this 1980 production forecast is 10.5 to 12.6 million bales.

SUGAR CROPS: Production of sugarbeets is forecast at 23.2 million tons (21.1 million metric tons), 5 percent above last year's crop. Sugarcane production is forecast at 27.5 million tons (24.9 million metric tons), up 4 percent from 1979.

FALL POTATO production is forecast at 261 million cwt (11.8 million metric tons), 12 percent below 1979 and the smallest crop since 1973.

ORANGE production is forecast at a record high 276 million boxes (10.8 million metric tons), 1 percent more than last season.
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1/ INCLUDES GRASS AND COVER CROP SEEDS, AND SOME MISCELLANEOUS CROP PRODUCTION NOT INCLUDED IN SEPARATE GROUPS OF CROPS SHOWN.

The CROP PRODUCTION report contains State and National estimates with related information on selected agricultural commodities. These data were prepared and adopted by the Crop Reporting Board which consists of commodity statisticians from the field offices and Washington headquarters.

APPROVED:

[Signature]

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**UNIVERSAL STATES CROP SUMMARY**

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**A-1 CROP REPORTING BOARD, ESS, USDA**
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## UNITED STATES CROP SUMMARY (METRIC UNITS)

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<td>ALMONDS (CALIF)</td>
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3/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST. 2/ 1980 REVISED.

CROP PRODUCTION, OCTOBER 1980

A-4

CROP REPORTING BOARD, ESC, USDA
RELIABILITY OF OCTOBER 1 PRODUCTION FORECASTS

Crop production forecasts in this report are based primarily on yield surveys taken about October 1. Some adjustments have been made in harvested acreages published previously. The yield surveys included mailed reports from farmers for all crops and actual field observations and measurements for corn, soybeans, cotton, wheat, and some fruit and nut crops. Farmers provided appraisals of crop conditions and probable yield information for crops on their farms and for their localities. Objective yield surveys provided small plot observations, counts and measurements in a probability sample. These surveys are subject to sampling and non-sampling type errors that are common to all surveys. More importantly, the forecasts are subject to change due to future weather effects and other factors that cannot be measured currently but directly affect final production.

To assist users in evaluating the reliability of production forecasts in this report, the "Root Mean Square Error", a statistical measure based on past performance, is shown below for selected crops. This is computed by expressing the deviations between the October 1 production forecasts and the final estimates as a percent of the final estimates and averaging the squared percentage deviations for the 1960-79 twenty year period; the square root of this average becomes statistically the "Root Mean Square Error". Probability statements can be made concerning expected errors in the current forecasts relative to the final end of season estimates, assuming that factors affecting this year's forecast are not different from those influencing recent years' forecasts.

For example, the "Root Mean Square Error" for the October 1 corn for grain production forecast is 3.4 percent. This means that chances are 2 out of 3 that the current production forecast of 5466 million bushels will not be above or below the final estimate by more than 3.4 percent or approximately 220 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 5.9 percent or approximately 382 million bushels.

Also shown in the table is a 10-year record for selected crops of the differences between the October 1 forecast and the final estimate. Using corn again as an example, changes between the October 1 forecast and the final estimate during the 10 years have averaged 196 million bushels, ranging from 16 million to 401 million bushels. During this 10-year period the October 1 forecast has been below the final estimate 7 times and above 3 times.

<table>
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<tr>
<th>CROP AND UNIT</th>
<th>ROOT MEAN SQUARE ERROR</th>
<th>TEN YEAR RECORD OF DIFFERENCES BETWEEN FORECAST AND FINAL ESTIMATE</th>
<th>90% CONFIDENCE LEVEL PERCENT</th>
<th>QUANTITY</th>
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</table>

1/ CORN FOR GRAIN, SORGHUM FOR GRAIN, OATS, AND BARLEY.
2/ QUANTITY IS IN THOUSANDS OF BALES.
SEPTEMBER WEATHER SUMMARY

Excessively wet weather in the northern Corn Belt finally ended in the fourth week of the month and allowed the drying process to start. Tropical Storm Danielle spread torrential rains early in the month from southern Louisiana to western Texas. More than 10 inches flooded some areas in north central Texas. As the month progressed, incursions of cold air became more frequent and moved further south, displacing the hot, muggy air which had persisted throughout the summer. As cold air moved slowly through the South during the last 10 days of the month, torrents of heavy rain were unleashed from southwestern Texas to the Carolinas. On the last day of September the heat wave of 1980 ended.

FIRST WEEK...As a high pressure system moved off the east coast, warm, moist air from the Gulf of Mexico flowed northward and intensified the heat wave from the central Plains eastward. A cold front, trailing southward into the Plains, first brought light showers to the northern Plains and then, as it encountered the moist air, triggered heavy showers and thunderstorms in the northern Mississippi Valley. More than 5 inches of rain deluged parts of Wisconsin. Late in the week, Tropical Storm Danielle formed in the Gulf of Mexico and spread heavy rain from southern Louisiana to the central Texas coast and inland to the Austin-San Antonio area.

SECOND WEEK...The cold front moved through the Great Lakes and New England touching off light showers east of the Lakes. Very warm air rapidly displaced the cool air in the northern Plains, and temperatures rose to 100°F as far north as South Dakota. The remnants of Tropical Storm Danielle carried torrential rain to west central Texas and New Mexico. Downpours of more than 10 inches flooded parts of this normally dry area. The moisture was helpful to some of the potential winter grain areas, but some crops were washed out. Elsewhere, another cold front moved through the northern Plains and on through New England. Showers were heavy from parts of North Dakota through Wisconsin.

THIRD WEEK...Invasions of cool air moved into the northern Plains with great frequency as this first month of fall progressed. A new cold front pushed through the Plains to central Texas and significantly lowered temperatures behind it. The rain pattern was wide along and ahead of this front, and it wet most of eastern United States. Moderate rain again fell in Wisconsin and was substantial from Michigan to southeastern Texas. The heat wave held over most of the week from Oklahoma to Georgia and to the mid-Atlantic States.

FOURTH WEEK...A much cooler mass of air moved southward and eastward early in the week followed by still another surge at midweek. However, the rain was relatively light in the Great Lakes area, allowing Wisconsin to begin drying out. Cold air brought autumn to the northern States, but the hot, muggy air of the South dug in for a final stand from southwestern Texas to the Carolinas. Torrents of rain resulted from this battle of cold against hot, but by the end of the week, the cold air was moving relentlessly southward.

The rain continued from Texas to the Carolinas through the end of the month. The cold air managed to push all the way to the gulf coast and northern Florida. The great heat wave of 1980, which began in mid-June, ended on the last day of the month. (Prepared by NOAA/USDA Joint Agricultural Weather Facility.)

WINTER WHEAT SEEDING

Winter wheat seeding for 1981 harvest reached 45 percent complete by the end of September, lagging last year and the average. Although planting in the northern Great Plains neared completion—exceeding the pace set in recent years—seeding in the southern Great Plains is being delayed because of dry soils. Rainfall during September was very sparse in most areas of the Great Plains. South Dakota, Nebraska, and most of Kansas received less than half the normal rainfall; Oklahoma received from 25 to 100 percent of normal. Only Texas received significant precipitation during the month, but many areas in the State were still dry. Most of the Great Plains needed additional moisture for good germination and growth.
In Kansas, winter wheat seeding reached the halfway mark, equal to a year earlier but slightly ahead of the 45 percent average. Fields were seeded under very dry conditions and needed moisture to germinate. Some stands are spotty and may be replanted if rain is received. Planting in Oklahoma reached 25 percent complete, lagging the 35 percent for last year and average. Seeding in Texas advanced to 36 percent complete, lagging last year's 48 percent and the 43 percent average. Dry weather delayed land preparation and planting activities. However, rainfall during the month benefited earlier planted fields, and planting should now make rapid progress. In Colorado, needed rain fell during the month providing growers with more favorable seeding conditions, which enabled planting to reach 65 percent complete by month's end. Planting in Nebraska was 90 percent complete, equal to last year but ahead of the 75 percent average. Dry conditions limited growth of the young crop. Montana seedings reached 70 percent, equal to last year but later than the 75 percent average. Planting in South Dakota neared completion, slightly ahead of schedule.

Adequate soil moisture in Washington aided emergence of the new wheat crop although mid-month rains caused some crusting and a small amount of reseeding was necessary.

CORN FOR GRAIN: Production of corn for grain is now forecast at 6.47 billion bushels (164 million metric tons), down 1 percent from the September 1 forecast and 17 percent less than last year's record crop.

Acreage for grain at 71.2 million acres (28.8 million hectares) is unchanged from last month but fractionally above last year's harvested acreage.

Yield per acre harvested for grain is forecast at 90.8 bushels compared with last year's record yield of 109.4 bushels and the 1978 yield of 100.8 bushels. Yields are at record levels in Wisconsin, Michigan and Ohio where adequate moisture was received throughout most of the growing season. Yields in Illinois were off 6 bushels from last month. Nebraska was off 4 bushels while Iowa was up 1 bushel.

By October 1, most corn was safe from a killing frost with the exception of some late planted fields in the northern Corn Belt that could use more time to mature fully. Corn in the mature stage ranged from 55 percent in Michigan to 99 percent in Illinois; harvesting ranged from 1 percent in Wisconsin to 20 percent in Illinois. To the west, the mature stage ranged from 84 percent in South Dakota to 95 percent in Iowa. Harvesting varied from 39 percent complete in Minnesota to 46 percent in Missouri. In Georgia, 100 percent of the crop was mature and 67 percent harvested. In the 17 major producing States, 89 percent of the crop had matured and 18 percent was harvested, both ahead of last year and the average.

SORGHUM: Grain sorghum production is forecast at 547 million bushels (13.9 million metric tons), virtually the same as last month's forecast, but down 33 percent from last year's crop and 27 percent below the 1978 production level. Acreage to be harvested for grain is estimated at 12.1 million acres (4.92 million hectares), 6 percent less than last year and 10 percent less than 1978. Yields are expected to average 45.0 bushels per acre harvested for grain, 17.9 bushels below last year's record high average yield of 62.9 bushels and 10.1 bushels below 1978.

Three States will produce over three-fourths of the 1980 grain sorghum crop: Texas - 32 percent, Kansas - 26 percent, and Nebraska - 20 percent. Approximately 79 percent of the sorghum was mature and half the acreage had been harvested by October 5. Harvest was active in all major producing States and ranged from 4 percent complete in Colorado to 78 percent in Texas.

Texas sorghum harvest was complete from central Texas southward and gaining momentum on the High Plains. The September rains came too late to benefit many dryland fields and those with poor head development are being grazed out or baled. In Kansas, September rainfall was light and many dryland stands continue to show poor grain prospects. Chinch bug damage has been severe and the corn earworm has also taken a toll. Crop maturity is well ahead of normal in Nebraska resulting in 50 percent of the crop harvested by October 5 compared with a normal of 25 percent.
ALL WHEAT: Winter, other spring and durum wheat production combined is estimated at a record high 2.36 billion bushels (64.3 million metric tons), up 10 percent from last year. The increase in harvested acreage in 1980 more than offset lower yield prospects. Nationally, yields are expected to average 33.0 bushels per harvested acre compared with a record high 34.2 bushels in 1979. Area for harvest is up 14 percent from last year.

DURUM WHEAT: Production of durum wheat is forecast at 107 million bushels (2.90 million metric tons), virtually the same as last year but up 4 percent from the September 1, 1980 forecast. Yields are expected to average 22.0 bushels per acre compared with 21.1 bushels in 1979 and 33.1 bushels in 1978.

Continued cool, damp weather delayed harvest during September in North Dakota. In some north central areas of the State, nearly 50 percent of the durum is unharvested. Durum wheat harvest for North Dakota was 90 percent complete by the end of September which is 10 percent later than last year and normal.

OTHER SPRING WHEAT: Growers expect to harvest 376 million bushels (10.2 million metric tons) of spring wheat other than durum, 12 percent less than last year's 426 million bushels (11.6 million metric tons). The October 1 forecast is 1 percent more than last month's forecast. Yields are expected to average 25.5 bushels per harvested acre compared with 26.2 bushels a year ago.

In North Dakota, continued cool damp weather has delayed small grain harvest. Combining was 90 percent complete at the end of September compared with 96 percent for last year and the normal. In Montana, harvesting was 90 percent complete which is 5 percent behind last year. The Idaho harvest was 96 percent complete by the end of September compared with 99 percent last year and a normal of 99 percent.
RICE: Growers expect to harvest 143 million hundredweight (6.48 million metric tons) of rice this year, 9 percent more than last year's revised production of 132 million hundredweight (5.97 million metric tons). The 2 percent increase over last month's forecast results from improved yield prospects in Arkansas and California. Nationally, yields are expected to average 4269 pounds per acre compared with 4586 pounds last year.

Harvest in Arkansas was 45 percent complete at the end of September compared with 26 percent last year and a normal of 41 percent. The California harvest is later than last year. Harvest in other rice States is generally earlier than a year ago.

Revisions for 1979 rice harvested acreage, yield and production are published in this report. Planted acreage and length of grain revisions for 1979 will be published in the 1980 Small Grain Annual Summary in December 1980.

SOYBEANS: Production is forecast at 1.76 billion bushels (47.8 million metric tons), down 4 percent from last month's forecast, 23 percent less than last year's record crop and 6 percent below 1978. Yield per acre is indicated at 26.1 bushels, 6.1 bushels less than last year's record and 3.4 bushels below 1978.

Yield prospects in the North Central States declined or were unchanged from a month earlier in all States except Missouri which showed a 2.0 bushel increase. Prospective yields were down 3 bushels in Illinois and 1 bushel in both Kansas and Minnesota but were unchanged in Nebraska, Iowa, Michigan, Indiana and Ohio.

In the South Central States, yield prospects remain unchanged from last month in Tennessee, Louisiana, and Texas. Kentucky and Arkansas are showing a 1.0 bushel decline while Alabama and Mississippi are off 2.0 bushels per acre.

In the Atlantic area, prospective yields in all States are down from last month. North Carolina and Maryland are off 2.0 bushels, Virginia and South Carolina off 4.0 bushels and Georgia is showing a 5.0 bushel decline from the September 1 forecast.

Harvest progress in most major production areas is running well ahead of last year and average.

FLAXSEED: Production of flaxseed is forecast at 7.94 million bushels (202 thousand metric tons), up 3 percent from the September 1 forecast but 41 percent below 1979 production.

Wet conditions delayed harvest and only 55 percent of the Minnesota crop and 45 percent of the North Dakota crop was harvested by October 1. Normally 79 percent has been harvested in Minnesota and 72 percent in North Dakota by that date. Despite the delays, yields were turning out somewhat higher than forecast a month earlier.

PEANUTS: Peanut production is forecast at 2.50 billion pounds (1.13 million metric tons) net weight, down 20 percent from the September 1 forecast and 37 percent less than the 3.98 billion pounds (1.81 million metric tons) produced last year. This is the lowest production since 1967. Yields are expected to average 1730 pounds per acre, down 370 pounds from last month's forecast and 881 pounds less than last year. Acreage for harvest at 1.45 million acres (585 thousand hectares) is down 50.0 thousand acres from September 1.

Southeastern production is expected to total 1.44 billion pounds, down 43 percent from last year. This drop in expected production is caused by a 7 percent decrease in acreage for harvest and a 38 percent decline in expected yields. Dry weather in Georgia and Alabama continued through most of September reducing yields drastically. Acreage for harvest is expected to total 200 thousand in Alabama and 480 thousand in Georgia, down 10 and 40 thousand acres, respectively, from September 1. About a third of the Alabama acreage and over half of the Georgia acreage had been threshed by October 5. Continued dry weather in Florida during September greatly reduced yields, resulting in the smallest expected production since 1973. Harvest was active during the month and should be complete by the end of October.
The Virginia-North Carolina area expects a production of 452 million pounds, down 29 percent from last year. Continued drought during September caused further reductions in expected yields. Acreage for harvest is about the same as last year but expected yields and production are down 29 percent. About 28 percent of the North Carolina acreage had been threshed by October 5. Digging started in Virginia after the middle of September.

Production in the three-State Southwest area is expected to total 610 million pounds, 26 percent less than last year. Expected yields are down 22 percent from last year reflecting the damage caused by dry weather. Digging had just begun in Oklahoma by October 1 and was 22 percent complete in Texas on September 28.

**SUNFLOWERS:** Production of all sunflowers is forecast at 4.16 billion pounds (1.89 million metric tons), down 43 percent from 1979 but 8 percent more than 1978. The 1980 acreage for harvest at 3.69 million acres (1.49 million hectares) is down nearly a third from last year, and the prospective yield at 1130 pounds per acre is off 219 pounds from the 1979 average. Yields are forecast at 1200 pounds per acre in Minnesota, 1120 pounds in North Dakota, 1080 pounds in South Dakota and 1000 pounds in Texas.

**COTTON:** Based on October 1 conditions, cotton production in the United States is forecast at 11.6 million bales (480 pound net weight), 21 percent less than 1979 production and down 1 percent from the September 1 forecast. Expected production consists of 11.5 million bales of Upland and 97.7 thousand bales of American-Pima. Cottonseed production, based on a three year average lint-seed ratio, is forecast at 4.54 million tons (4.12 million metric tons), 21 percent less than 1979.

Growers expect to harvest 13.3 million acres (5.38 million hectares) of cotton in 1980, 4 percent more than last year. Average yield of lint per harvested acre is forecast at 419 pounds, 129 pounds below last year’s record high yield.

Production in the Southeastern States—Alabama, Georgia, North Carolina and South Carolina—is forecast at 482 thousand bales, down 24 percent from 1979 but about the same as a month ago. Dry weather continued in September. The crop matured earlier than normal and harvest is well underway.

In the Delta States—Arkansas, Louisiana, Mississippi, Missouri and Tennessee—the crop is expected to total 2.47 million bales, down 19 percent from last year and 6 percent below the September 1 forecast. Rains in most parts of the Delta in late September came too late to benefit the crop. Bolls are opening rapidly and harvest is in full swing.

Texas and Oklahoma upland production is forecast at 3.89 million bales, 36 percent less than in 1979 and unchanged from September 1. Irrigated acreage made good progress during September but rains in northwest Texas came too late to benefit the dryland crop. Some acreage was destroyed by flooding and second growth resulting from excessive moisture and warm temperatures is requiring many growers to defoliate before harvesting. Some low yielding acreage that will not support the extra expense of defoliating is being abandoned. Harvest is nearing completion in central Texas and underway in the Plains.

Upland production in Arizona, California and New Mexico is forecast at 4.64 million bales, 3 percent less than last year but 1 percent above the September 1 forecast. Favorable growing conditions continued through September promoting development of late set fruit. Growers continued to irrigate later in the season than normal where water was available. Harvest is underway in western Arizona and the San Joaquin Valley of California.

The Bureau of the Census reports 1,311,138 running bales ginned prior to October 1 compared with 916,370 bales ginned to the same date in 1979 and 1,490,383 bales in 1978.
**U.S. COTTON FORECAST**

![Graph showing cotton forecast](image)

**HAY:** All hay production in 1980 is forecast at 126 million tons (115 million metric tons), up 2 percent from the August 1 forecast, but 13 percent less than last year's record high and 11 percent below the 1978 crop. The all hay yield is expected to average 2.11 tons per acre compared with the 1979 record high yield of 2.39 tons and 2.31 tons in 1978.

Production of alfalfa and alfalfa mixtures is forecast at 77.7 million tons (70.5 million metric tons), up 2 percent from the August 1 forecast but down 11 percent from last year's record high production and 10 percent below 1978. Yield is forecast at 2.89 tons per acre, down from the record high yield of 3.18 tons in 1979 and the 1978 average of 3.13 tons.

All other hay production is forecast at 48.7 million tons (44.2 million metric tons), up 1 percent from the August 1 forecast but down 16 percent from a year ago and 12 percent below 1978.

**DRY EDIBLE BEANS:** Dry bean production is forecast at a record 24.2 million cwt (1.10 million metric tons), 17 percent more than last year and 1 percent greater than last month's forecast. Estimated acreage for harvest is unchanged at 1.79 million acres (723 thousand hectares), 26 percent above last year. Average yield prospects gained 16 pounds during September to 1353 pounds per acre, but are 104 pounds under last year's yield of 1457 pounds per acre.

Michigan harvest was aided by dry weather in late September. A few navy and black turtle soup beans remain to be pulled. Threshing is about three-fourths complete. Harvest in New York is progressing well. In North Dakota, dry bean harvest has been delayed by wet weather. Nebraska threshing was nearing completion as September ended. Quality of beans has been excellent. Harvest in Wyoming and Washington, now winding down, was performed under nearly ideal conditions. Colorado dry bean harvest was at its peak at the end of September but was two weeks behind schedule.

General harvest of dry beans in California is underway in major producing areas. Fields continue to mature with good conditions prevailing. Idaho harvest is running 2-3 weeks late where rain slowed drying of windrowed beans.
POTATOES: Fall potato production in the United States is forecast at 261 million cwt (11.8 million metric tons), 12 percent less than the 297 million cwt (13.5 million metric tons) produced in 1979 and 19 percent below the 1978 record high of 323 million cwt (14.7 million metric tons). This is the smallest crop since 1973. Area for harvest is estimated at 977 thousand acres (393 thousand hectares), 9 percent less than last year and 15 percent smaller than in 1978. Estimated yield at 267 cwt per acre is 10 cwt less than 1979 and 13 cwt below 1978.

In the seven Eastern States, production is forecast at 41.4 million cwt, down 15 percent from last year and down 12 percent from 1978. Yield at 232 cwt per acre is down 22 cwt from 1979 while acreage for harvest at 178 thousand acres is down 7 percent from 1979. Cold, wet weather has delayed the harvest in Maine and by October 1, only 40 percent of the crop had been harvested compared with 75 percent last year. In New York, both Long Island and Upstate harvest is running ahead of last year but yields have been well below 1979, especially on Long Island where estimated yield is 65 cwt below last year. Dry weather also reduced yields in Pennsylvania where estimated yield is 70 cwt below 1979.

Production in the eight Central States is expected to total 53.5 million cwt, 14 percent below 1979 and 23 percent below 1978. Estimated yield at 191 cwt per acre is down 21 cwt from last year while harvested acreage at 280 thousand acres is down 5 percent. Yields are down in all States except Wisconsin and Nebraska. Yields are particularly low in the Red River Valley area of North Dakota and Minnesota where rainfall for July and early August was well below normal. Harvest is later than usual in North Dakota with only 45 percent of the crop harvested by October 1. Minnesota and Wisconsin harvest is about on schedule.

In the Western States, production is forecast at 166 million cwt, 11 percent below 1979 and 20 percent below 1978. Average yield at 319 cwt is 1 cwt above last year but acreage for harvest at 519 thousand acres is down 11 percent. Harvest in Idaho is running at a normal pace with 20 percent of the crop dug by October 1. In Washington, harvest is 35 percent complete and in Idaho harvest is up to 14 percent complete. Generally, quality of this year's crop in the Western States is good.

Revised production for the 1980 Winter Crop is placed at 2.36 million cwt (107 thousand metric tons), down 1 percent from 1979 and down 7 percent from 1978. Harvested acreage at 11.5 thousand acres (4650 hectares) is 3 percent below 1979 and 11 percent below 1978. Yields averaged 206 cwt per acre compared with 200 cwt in 1979 and 203 cwt in 1978.

SWEETPOTATOES: The 1980 sweetpotato crop in the United States is forecast at 12.0 million cwt (543 thousand metric tons), down 17 percent from last year and 16 percent less than 1978. This production forecast is the lowest since 1971. Harvested acreage is expected to total 113 thousand acres (45.8 thousand hectares), 9 percent below 1979 and 6 percent less than 1978. Estimated yield at 106 cwt per acre is down 9 cwt from 1979 and down 13 cwt from 1978.

Dry weather during the growing season greatly reduced yields and all but 3 of the 13 major producing States show a decline in yield from last year. Production is down in all States. In North Carolina, the major producing State, harvest was about one-third complete on October 1 compared with the average of one-half complete for that date. In Louisiana, harvest is running near normal at two-thirds complete on October 1.

Generally, size and quality of this year's crop are below average. Extremely dry conditions caused considerable cracking which lowered quality, especially in the southern areas. Rain in late September was too late to help the early crops in these southern States but late crops may benefit. Because of the dry weather, acreage abandoned this year is expected to be greater than normal.

TOBACCO: Production of all tobacco in 1980 is expected to total 1.79 billion pounds (811 thousand metric tons), 17 percent more than the 1.53 billion pounds (692 thousand metric tons) produced in 1979.

Flue-cured production is forecast at 1.10 billion pounds (500 thousand metric tons), up 17 percent from the previous year.

The hot, dry weather which continued in September further reduced yield prospects of Type 11 in Virginia and Type 13 in South Carolina.
Fire-cured producers expected to harvest a crop totaling 36.6 million pounds (16.6 thousand metric tons), 19 percent less than the crop harvested in 1979. Yield at 1448 pounds is down 228 pounds from last year. Dry weather reduced yields below 1979 in all States and caused further decreases during September in Virginia and Tennessee.

Burley production is forecast at 555 million pounds (252 thousand metric tons), up 24 percent from a year earlier. Virtually all of the crop was housed by October 1. Low humidity minimized the effect of blue mold.

Southern Maryland tobacco production is forecast at 22.0 million pounds (9980 metric tons), the same as last year.

Dark air-cured prospects indicate a crop of 15.1 million pounds (6860 metric tons), a 10 percent decline from 1979.

All cigar-type production is expected to total 58.2 million pounds (26.4 thousand metric tons), 12 percent more than 1979. Production of cigar-filler types and cigar-wrapper types is up 30 percent and 19 percent, respectively, from last year while production of cigar-binder types is down 2 percent.

SUGARBEETS: Production of sugarbeets is forecast at 23.2 million tons (21.1 million metric tons), up 2 percent from the September 1 forecast and 5 percent greater than 1979 production. Average yield per acre is estimated at 19.8 tons compared with 19.6 tons in 1979. The increase in production from a year earlier results from an increase in harvested acreage as well as higher yields.

Harvest is active in the Central Valley and Central Coast of California. Planting of the 1981 crop is underway in the Imperial Valley area. The weather during September in Colorado was generally warm and favorable for beet development. Mid-month showers reduced pressure on irrigation water. Crop prospects are very good and harvest should begin during the second week of October.

Harvest is underway in Idaho. Temperatures have been relatively warm. This may have some effect on sugar content. Conditions have been ideal for harvest. Rain and mild weather during September in the Red River Valley of Minnesota and North Dakota was almost ideal for adding on tonnage. Harvest has started with the lift in the southern parts of the Valley beginning on September 24 and on October 1 in the northern part of the Valley. Beginning sugar content is a bit below normal but prospects for average quality and quantity are good. Limited harvest has begun in Michigan. Full scale processing will start in mid-October. Receiving stations opened in Nebraska on September 29. Weather has been ideal with warm days and cool nights.

SUGARCANE: Production of sugarcane for sugar and seed is forecast at 27.5 million tons (24.9 million metric tons), up 1 percent from the September 1 forecast and 4 percent greater than 1979 production. The increase from the September 1 forecast is the result of more acreage expected for harvest in Florida.

Florida's cane crop made excellent progress during September and yield prospects continue to be good. Cutting of cane for seed increased during the month and cutting for sugar should begin before the end of October.

Condition of Louisiana's crop improved during the month and was generally fair to good by the end of September. Planting of the 1981 crop was 58 percent complete at month's end compared with 66 percent a year ago and 58 percent average.

Texas sugarcane fields are recovering well from the effects of last month's hurricane. Many stalks which suffered wind damage have now straightened and those with broken tops are forming new ones. Recent rains have alleviated dry conditions and harvest is expected to begin about on schedule in mid-October.

Hawaii's crop made good progress in September with generally favorable weather in most areas. However, heavy rains pelted the eastern coast of Hawaii on September 20th and 21st temporarily interrupting field operations. More than an inch an hour fell at its peak according to the National Weather Service but no serious damage occurred as rains were quick to subside. Elsewhere, moisture levels were generally adequate with irrigation necessary in some of the drier areas along the western part of Kauai, the Ka'au district of Maui and most sections of Maui.
HOPS: Production of hops is estimated at a record 75.6 million pounds (34.3 thousand metric tons), 9 percent more than last month's forecast and 38 percent larger than the 54.9 million pounds (24.9 thousand metric tons) produced in 1979.

Yield prospects improved in all hop producing States except California. An average yield of 2036 pounds per acre is estimated compared with 1727 pounds a year ago. The 37.1 thousand acres (15.0 thousand hectares) harvested is 17 percent more than the 1979 acreage. September weather was favorable for harvest and harvest is nearly complete.

PASTURE AND RANGE FEED: October 1 pasture and range feed condition averaged 63 percent for the 48 contiguous States. This is 18 points below a year ago and 14 points below the 1969-78 average for this date.

Although recent rains and cooler temperatures have improved conditions throughout much of the Southeast and westward across Texas, Oklahoma and Missouri, forage conditions remain droughty. Range and hay production continues to be poor in most of the Northern and Central Plains States.

Ample rainfall throughout the Corn Belt and northward across the Lakes States has resulted in good to excellent forage and hay production for this time of year. Most States from the Rocky Mountains westward were also experiencing very good range and pasture conditions on October 1.

APPELES: The final forecast of the 1980 U.S. apple crop places production at a record high 8.32 billion pounds (3.77 million metric tons), down fractionally from the August 1 forecast of 8.36 billion pounds (3.79 million metric tons) but up 3 percent from the previous record high set last year.

The Eastern States expect a crop of 3.29 billion pounds, a 1 percent decline since August 1 but fractionally above last year. Outlook declined from August 1 in Virginia, North Carolina, and New Jersey. Dry weather has limited sizing of the crop. Harvest of the Virginia crop started late and about a third was picked by October 1 compared with the usual one-half.

In the Central States, prospects are for a crop of 1.46 billion pounds, about the same as on August 1 but 23 percent above last year's production. Michigan apple growers expect to harvest the second largest crop of this century. Plentiful moisture allowed excellent sizing of all varieties except Red Delicious and Jonathan. Red Delicious and Jonathan varieties did not fully size because of an unusual combination of delayed maturity and warm nights and cloudy weather late in the season. Harvest was about half complete on October 1. Ohio's excellent crop is maturing later than usual. Earlier high temperatures delayed coloring but cooler temperatures late in September improved coloring.

Prospects in the Western States improved slightly from August 1, but the 3.56 billion pounds expected is still 2 percent below the 1979 harvest. Washington's 2.60 billion pound crop has excellent quality, color and size. Harvest of summer apples was active during August. Golden Delicious harvest began the first week of September and picking of Red Delicious began in the Yakima Valley the week of September 8. In California, picking was active or complete for most varieties by October 1. In Oregon, picking was near the mid-point in the Milton-Freewater area on October 1 and was well underway in the Hood River area. Good harvest conditions prevailed.

GRAPEs: The final forecast of the U.S. grape crop places production at a record high 5.07 million tons (4.60 million metric tons), 4 percent more than last month's forecast and 2 percent greater than the 1979 crop.

California now expects 4.61 million tons, 5 percent more than forecast last month and up 1 percent from 1979. The increase from last month was in the raisin type. Virtually all raisin grapes are laid with most raisins already rolled. With unusually good growing conditions related to cool temperatures, the berries continued to grow later in the season than usual. This resulted in increased tonnage, later maturity, lower sugar and a high dry waste ratio. Table grape quality remains good. Picking of Emperors, Calmeria and Ribiers has begun. Sugar levels of the wine grape crop are improving but are below levels at this time last year.
New York harvest is a week later than usual and berry size is smaller than usual because of dry weather during late August and early September. Quality is good and sugar content high. September weather in Washington was favorable for sugar development and harvest. Concord harvest began in late September. Prospects improved in Pennsylvania where the crop has good color and sugar content but some mildew exists. Michigan's harvest started late and cool wet weather late in August and September limited sizing and sugar content.

PRUNES AND PLUMS: Production of prunes and plums in Idaho, Michigan, Oregon, and Washington is forecast at 77.0 thousand tons (69.9 thousand metric tons). This last forecast of the season is up 5 percent from the previous month, and is 23 percent larger than production last year. Harvest is nearly complete except in the Willamette Valley in Oregon. Prospects improved during September in Idaho and Oregon. Compared with a year ago, Idaho, Oregon, and Washington expect larger crops but a smaller crop is expected in Michigan.

CRANBERRIES: Production of the Nation's cranberry crop is forecast at a record 2.56 million barrels (116 thousand metric tons), a 3 percent increase since mid-August and 3 percent larger than the 1979 crop.

Prospects in Wisconsin improved 9 percent during the period to a record 1.01 million barrels. Harvest is underway and berry size is excellent. Partially offsetting were slightly lower prospects in Washington where cool weather was a limiting factor. Prospects in other States were unchanged.

About a third of Massachusetts' record crop was harvested by October 1. There has been no frost but water is short for harvesting and frost protection. Quality is excellent but berries vary in size from small to medium. New Jersey harvest is underway. Rain is needed to improve water reservoir levels. Oregon growers experienced some insect loss. Water for harvest should be adequate.

PAPAYAS: Hawaii fresh papaya production for October is forecast at 4.70 million pounds (2130 metric tons), a decrease of 5 percent from the year high of 4.94 million pounds (2240 metric tons) in September. This decline is expected to continue into November with fresh output forecast at 4.30 million pounds (1950 metric tons). An upturn of 2 percent in fresh production is expected to occur in December and continue into January, rising to 4.88 million pounds (2120 metric tons). The upward revisions in the forecasts for October, November, and December are based on an expected increase in acreage for harvest as well as an increase in the amount of the crop going for fresh utilization.

Fresh production in September was up 40 percent from August and was 79 percent more than September a year ago. The September acreage for harvest, at 1930 acres (780 hectares), is the same as the August harvested acres, while the total area in crop increased to 3040 acres (1230 hectares).

The cumulative fresh production total for January-September this year is 20 percent more than the same period last year.

PECANS: U.S. pecan production is forecast at nearly 197 million pounds (89.2 thousand metric tons), 2 percent more than the September 1 forecast but 7 percent less than last year's production. Increases in production forecasts from last month for Georgia, Louisiana and Mississippi more than offset declines for Florida, Oklahoma and South Carolina.

In Georgia, hot, dry weather continued into late September but production prospects are much improved from last year as a result of better nut sets. Moisture shortages have resulted in small sizes. Prospects in Louisiana vary considerably. Nuts continued falling prematurely through September mainly because of dry conditions. Also, filling of the nuts has been adversely affected in some orchards. In Texas, the drought contributed to light sets and undersized kernels. Earlier dry conditions resulted in a heavy drop but recent rains which came while nuts were in the soft dough stage helped fill nuts.

Production from improved varieties in the U.S. is expected to account for 66 percent of this year's crop, compared with 47 percent last year and 66 percent in 1978.
ORANGES: The first forecast for oranges for the 1980-81 season points to a record crop of 276 million boxes (10.8 million metric tons), 1 percent more than last season's crop and 31 percent greater than the 1978-79 harvest. The forecast for production of all oranges in Florida is set at 203 million boxes, 2 percent below last season's record crop. Production of early and mid-season varieties in Florida at 115 million boxes is 2 percent less than last season but 26 percent more than the 1978-79 crop. Valencia production in Florida is expected to total 68.0 million boxes, 1 percent less than last season. The California orange crop is forecast at 65.0 million boxes, 9 percent more than last season and 74 percent above the 1978-79 season. The Navel crop in California is placed at 38.0 million boxes, 17 percent above the record crop of last season. The Valencia forecast for California is 27.0 million boxes, the same as last season and 64 percent more than the 1978-79 season. The Arizona orange crop is expected to total 2.80 million boxes, 20 percent less than last season. Orange production in Texas is forecast at 5.60 million boxes, 39 percent above the 1979-80 crop.

Most of Florida's citrus groves were in very good to excellent condition during September in spite of the hot, dry weather. Many caretakers on the central ridge irrigated several times to maintain adequate moisture levels. Most new growth started hardening off because of the lack of rain. Harvest of the 1980-81 crop started near the end of September. There will be increased shipments of all early maturing varieties during October.

In Texas, citrus trees recovered well from the summer's heat stress. Irrigation kept adequate moisture on trees to insure good crops. Hurricane Allen brought needed rains which reduced irrigation needs but caused some fruit droppage. Fruit is sizing well and condition is good. Harvest of early oranges began in late September.

FLORIDA FROZEN CONCENTRATED JUICE YIELD: The forecast of the 1980-81 Florida Concentrated Orange Juice yield is 1.37 gallons per box of 43.4 degree brix equivalent. The reported 43.4 degree level will become effective at the start of the new marketing season on December 1, 1980 for all Florida FCOC sold in the U.S. in retail and institutional size containers. The yield level previously reported has been for 45.0 degree brix equivalent. The conversion ratio from 45.0 degrees to 43.4 degrees is 1.0442029. Yield for the 1979-80 crop was 1.34 gallons per box at 45.0 degrees brix equivalent.

GRAPEFRUIT: Prospects, on October 1, for the 1980-81 season excluding California "Other areas" grapefruit, indicate a grapefruit crop of 68.7 million boxes (2.57 million metric tons), 2 percent less than last season but 6 percent more than the 1978-79 crop. The California "Other areas" grapefruit production, which will be forecast as of December 1, accounted for 3.30 million boxes last season.

Florida's grapefruit crop forecast of 53.0 million boxes is 3 percent less than last season's crop. The Texas crop at 9.00 million boxes is 14 percent more than the 1979-80 production. Arizona growers expect to harvest 2.90 million boxes, 3 percent less than last season. The crop in California desert areas is forecast at 3.80 million boxes, 10 percent below the 1979-80 crop. Limited harvest has begun in all four States.

LEMONS: The Arizona-California lemon crop is forecast at 25.9 million boxes (893 thousand metric tons), 25 percent more than was harvested during the 1979-80 season and 32 percent greater than the 1978-79 crop. In California, the crop is expected to total 20.0 million boxes, 13 percent more than last season. Picking will begin mid-October in the Central Valley where fruit set is heavy and quality good. Picking is light in southern coastal areas but active in desert areas where quality is excellent. In Arizona, a crop of 5.90 million boxes is expected, 93 percent greater than the small crop of 3.05 million boxes harvested last season and 7 percent above the 1978-79 crop.

TANGELOS: The Florida tangelo crop, excluding K-Early citrus fruit, is forecast at 5.20 million boxes (212 thousand metric tons), 19 percent less than the 1979-80 crop but 24 percent more than 1978-79 production.
TANGERINES: The U.S. tangerine crop is forecast at 6.25 million boxes (248 thousand metric tons), 1 percent less than last season. The Florida forecast at 3.90 million boxes is for that portion of the crop expected to reach a size of 210 fruit per 4/5 bushel carton by December 1. (An estimate of utilized crop will be shown in the February 1981 Crop Production release).

Prospects for California's tangerine crop at 1.65 million boxes are the same as last season's production. Fruit quality is generally good but some sunburned fruit resulted from extremely high temperatures in late September and early October. Arizona growers expect to harvest 700 thousand boxes, 7 percent less than was harvested last season.

TEMPLES: Florida temples are forecast at 5.70 million boxes (233 thousand metric tons), 5 percent below last season.
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1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ALL ACREAGE HARVESTED IS FOR SILAGE.

CROP PRODUCTION, OCTOBER 1980

B-1

CROP REPORTING BOARD, ESS, USDA
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1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES BEGIN WITH 1979 CROP.

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## All Rice

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1/ REVISED. 2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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## Wheat Production by Classes, United States

### Winter

#### 1977

- Hard Red: 912,444
- Soft Red: 350,152
- Hard White: 194,515
- Total: 397,603
- Red: 79,964
- Durum: 21,638
- White: 2,038

#### 1978

- Hard Red: 736,265
- Soft Red: 201,761
- Hard White: 209,660
- Total: 379,104
- Red: 131,326
- Durum: 37,590
- White: 1,797,560

#### 1979

- Hard Red: 1,093,275
- Soft Red: 214,679
- Hard White: 194,543
- Total: 344,477
- Red: 106,854
- Durum: 61,704
- White: 2,141,732

#### 1980

- Hard Red: 1,117,926
- Soft Red: 332,295
- Hard White: 267,550
- Total: 314,878
- Red: 106,635
- Durum: 61,437
- White: 2,361,621

1/ INDICATED OCT 1, 1980.

---

**Crop Production, October 1980**

B-2  CROP REPORTING BOARD, ESS, USDA
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1/ Includes winter wheat estimates from September crop production report.
### Durum Wheat

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1/ Estimates for current year carried forward from earlier forecast.

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1/ Estimates for current year carried forward from earlier forecast.

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CROP PRODUCTION, OCTOBER 1980  B-5  CROP REPORTING BOARD, ESS, USDA
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Crop Production, October 1980

B-6

Crop Reporting Board, ESS, USDA
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注：这些数据是根据当前年份从早期预测中得出的估算。
## DRY EDIBLE BEANS

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# SWEETPOTATOES

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1/ EXCLUDED BEANS GROWN FOR GARDEN USE.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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B-11 CROP REPORTING BOARD, ESS, USDA
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1/ 1980 REVISED.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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3/ INCLUDES ACREAGE PLANTED IN PRECEDING FALL.
4/ REVISED.

CROP PRODUCTION, OCTOBER 1980 B-12 CROP REPORTING BOARD, ESS, USDA
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1/ Estimates for current year carried forward from earlier forecast
2/ Includes binder types grown in Ohio.
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1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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1/ RELATES TO YEAR OF INTENDED HARVEST EXCEPT FOR OWERNITRED SPRING PLANTED BEETS IN CALIF.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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CROP PRODUCTION, OCTOBER 1980
### HOPS

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1/ 1980 QUANTITIES AVAILABLE FOR MARKET WILL BE GOVERNED BY REGULATIONS ISSUED UNDER FEDERAL MARKET ORDER 991.

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1/ GOOD TO EXCELLENT, 70 AND OVER; POOR TO FAIR 65-79; VERY POOR, 50-64; SEVERE DROUGHT, 35-49; EXTREME DROUGHT, UNDER 35.

CROP PRODUCTION, OCTOBER 1980

CROP REPORTING BOARD, ESS, USDA
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1/ THE CROP YEAR BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH YEAR HARVEST IS COMPLETED.
2/ NET LBS PER BOX: ORANGES = CALIF & ARIZ = 75, FLA = 90, TANGERINES = CALIF & ARIZ = 75, FLA = 90; GRAPEFRUIT-CALIF OCEKT & ARIZ = 66, CALIF OTHER = 85, FLA = 85; LEMONS = 76; TANGEROS & TEMPLES = 90; TANGERINES = CALIF & ARIZ = 75, FLA = 95.
3/ NAVEL AND MISCELLANEOUS VARIETIES IN CALIFORNIA AND ARIZONA. EARLY AND MIDSEASON VARIETIES IN FLORIDA AND TEXAS, INCLUDING SMALL QUANTITIES OF TANGERINES IN TEXAS.
4/ THE FIRST FORECAST FOR CALIF GRAPEFRUIT "OTHER AREAS" WILL BE AS OF DEC 1.

CROP PRODUCTION, OCTOBER 1980 9-17 CROP REPORTING BOARD, ESS, USDA
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1/ IN ORCHARDS OF 100 OR MORE BEARING AGE TREES.
2/ INCLUDES UNEHARVESTED PRODUCTION AND EXCESS CULMAGE.
3/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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CROP PRODUCTION, OCTOBER 1980  B-18  CROP REPORTING BOARD, ESS, USDA
### GRAPES

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1/ INCLUDES UNHARVESTED PRODUCTION AND EXCESS CULLAGE (TONS): U S 1978=288,900 (246,000 TONS FRESH EQUIVALENT RAISIN TYPE IN CALIF LAID, BUT NOT HARVESTED DUE TO SEVERE WEATHER DAMAGE), 1979=300.
3/ FRESH EQUIVALENT OF DRIED AND NOT DRIED.
4/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
5/ GEORGIA AND SOUTH CAROLINA.

### PRUNES AND PLUMS

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1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

CROP PRODUCTION, OCTOBER 1980

B-19  CROP REPORTING BOARD, ESS, USDA
### Pecans

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<td>LA</td>
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<td>MISS</td>
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<td>MEX</td>
<td>15,000</td>
<td>14,700</td>
<td>16,000</td>
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<td>N C</td>
<td>4,000</td>
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<td>OKLA</td>
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<td>S C</td>
<td>6,000</td>
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<td>TEX</td>
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<td>U S</td>
<td>250,700</td>
<td>210,600</td>
<td>196,600</td>
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1/ Budded, grafted, or topworked varieties.  
2/ Estimates for current year carried forward from earlier forecast.

### Papayas - Hawaii

<table>
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<tr>
<th>MONTH</th>
<th>TOTAL IN CROP</th>
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<td>AUG</td>
<td>3,215</td>
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<td>SEP</td>
<td>3,245</td>
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<td>OCT</td>
<td>2,975</td>
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<td>MOV</td>
<td>2,930</td>
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<td>DEC</td>
<td>2,960</td>
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<td>JAN</td>
<td>2,855</td>
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Cumulative fresh production January - September 25,201 30,295

Crop production, October 1980  B-20  Crop Reporting Board, ESS, USDA
**FALL POTATOES: PERCENT OF MAJOR VARIETIES PLANTED, SELECTED STATES, 1980 CROP**

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<thead>
<tr>
<th>STATE</th>
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<th>SECOND</th>
<th>THIRD</th>
<th>FOURTH</th>
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<tr>
<td>COLO</td>
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<td>CENTENNIAL, 34.6</td>
<td>RED McCLURE, 9.1</td>
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<td>RUSSET BURBANK, 99.4</td>
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<td>MAINE</td>
<td>RUSSET BURBANK, 20.8</td>
<td>SUPERIOR, 20.2</td>
<td>KATAHDIN, 19.9</td>
<td>BEL RUSS, 10.2</td>
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<tr>
<td>MICH</td>
<td>RUSSET BURBANK, 28.6</td>
<td>NORCHIP, 16.2</td>
<td>MONONA, 12.3</td>
<td>SEBAGO, 8.2</td>
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<td>MINN</td>
<td>NORCHIP, 28.9</td>
<td>RUSSET BURBANK, 25.6</td>
<td>KENNEBEC, 14.5</td>
<td>NORLAND, 10.1</td>
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<tr>
<td>N Y</td>
<td>KATAHDIN, 32.2</td>
<td>SUPERIOR, 18.1</td>
<td>NORCHIP, 13.6</td>
<td>MONONA, 10.3</td>
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<tr>
<td>N DAK</td>
<td>NORCHIP, 37.0</td>
<td>KENNEBEC, 23.1</td>
<td>NORLAND, 10.2</td>
<td>PONTIAC, 9.0</td>
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<td>OREG</td>
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<td>NORGOLD Russet, 11.3</td>
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<tr>
<td>PA</td>
<td>NORCHIP, 31.9</td>
<td>KATAHDIN, 29.2</td>
<td>KENNEBEC, 15.4</td>
<td>SUPERIOR, 11.0</td>
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<td>WASH</td>
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<td>WIS</td>
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<td>SUPERIOR, 14.6</td>
<td>NORLAND, 8.8</td>
<td>NORGOLD Russet, 8.6</td>
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1/ REPORTED BY FARMS SELECTED FOR OBJECTIVE YIELD SAMPLING.

---

**FALL POTATOES - PERCENT HARVESTED TO OCTOBER 1, 1980**

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<th>STATE</th>
<th>PERCENT TO OCT 1</th>
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<td>MINN</td>
<td>50</td>
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<td>MONT</td>
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<td>WIS</td>
<td>75</td>
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<td>60</td>
<td>WYO</td>
<td>80</td>
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<td>N Y - LONG ISLAND</td>
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<td>- UPSTATE</td>
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CROP PRODUCTION, OCTOBER 1980

B-21 CROP REPORTING BOARD, ESS, USDA
**INDEX**

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<th>Item</th>
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<tbody>
<tr>
<td>APPLES</td>
<td>B-18</td>
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<td>BEANS, DRY EDIBLE</td>
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