

# CROP PRODUCTION



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## HIGHLIGHTS

Winter wheat production is forecast as of May 1 at 1.39 billion bushels (37.9 million metric tons), 11 percent or 143 million bushels (3.88 million metric tons) above the 1978 crop. The 90 percent confidence interval for this 1979 production forecast is 1.24 to 1.54 billion bushels.

Citrus production forecast at 13.2 million tons (11.9 million metric tons) is up slightly from last month, but 7 percent below the 1977-78 crop.

Orange production is forecast at 207 million boxes (8.19 million metric tons), up slightly from April 1 but 6 percent less than last season. By May 1, harvest of the Nation's orange crop was 70 percent complete.

Grapefruit prospects increased 2 percent from April 1 to 66.5 million boxes (2.47 million metric tons), but were 10 percent below the 1977-78 crop. Harvest was 89 percent complete by May 1.

Peach production in the nine Southern States is forecast at 606 million pounds (275 thousand metric tons), 2 percent above last year.

Spring potato production is forecast at 22.9 million cwt. (1.04 million metric tons), a 4 percent improvement from April 1, and 27 percent above the 1978 spring output.

Hay stocks on farms May 1 are estimated at a record high 29.9 million tons (27.1 million metric tons), 24 percent above last year and 53 percent above 1977.

Pasture and range feed condition as of May 1 averaged 84 percent, 9 points above a year earlier and the highest since 1973.

UNITED STATES CROP SUMMARY  
(DOMESTIC UNITS)

CROP AND UNIT	AREA HARVESTED		YIELD PER ACRE		PRODUCTION		
	1978	INDICATED	1978	INDICATED	1978	INDICATED	
		1979		1979		APR 1	MAY 1
	1,000 ACRES				1,000		
WINTER WHEAT BU	38,909	42,872	32.1	32.4	1,248,272		1,390,848
POTATOES, SPRING CWT	90.9	90.2	198	253	17,963	22,037	22,864
PEACHES 1/ LB					591,000		605,500
ALMONDS (CALIF) LB					181,000		300,000
HAY STOCKS ON FARMS TON					24,077		29,922
PASTURE AND RANGE 2/ PCT			75	84			
CITRUS FRUITS 3/					1977-78	1978-79	1978-79
ORANGES BOX					219,620	206,200	207,200
GRAPEFRUIT "					73,700	65,300	66,500
LEMONS "					26,100	21,500	20,500

1/ 9 SOUTHERN STATES. 2/ PASTURE AND RANGE FEED CONDITION AS OF FIRST OF MONTH. THE 1968-77 AVERAGE IS 81 PERCENT. 3/ SEASON BEGINS WITH BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

UNITED STATES CROP SUMMARY  
(METRIC UNITS)

CROP	AREA HARVESTED		YIELD PER HECTARE		PRODUCTION		
	1978	INDICATED	1978	INDICATED	1978	INDICATED	
		1979		1979		APR 1	MAY 1
	HECTARES				METRIC TONS		
WINTER WHEAT	15 746 080	17 349 870	2.16	2.18	33 972 400		37 852 680
POTATOES, SPRING	36 790	36 500	22.15	28.41	814 780	999 580	1 037 090
PEACHES 1/					268 070		274 650
ALMONDS (CALIF)					82 100		13 608
HAY STOCKS ON FARMS					21 842 290		27 144 780
CITRUS FRUITS 2/					1977-78	1978-79	1978-79
ORANGES					8 642 750	8 152 870	8 186 440
GRAPEFRUIT					2 720 650	2 422 180	2 468 450
LEMONS					899 930	741 170	706 700

1/ 9 SOUTHERN STATES. 2/ SEASON BEGINS WITH BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

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 Washington headquarters and the State Statistical Offices.

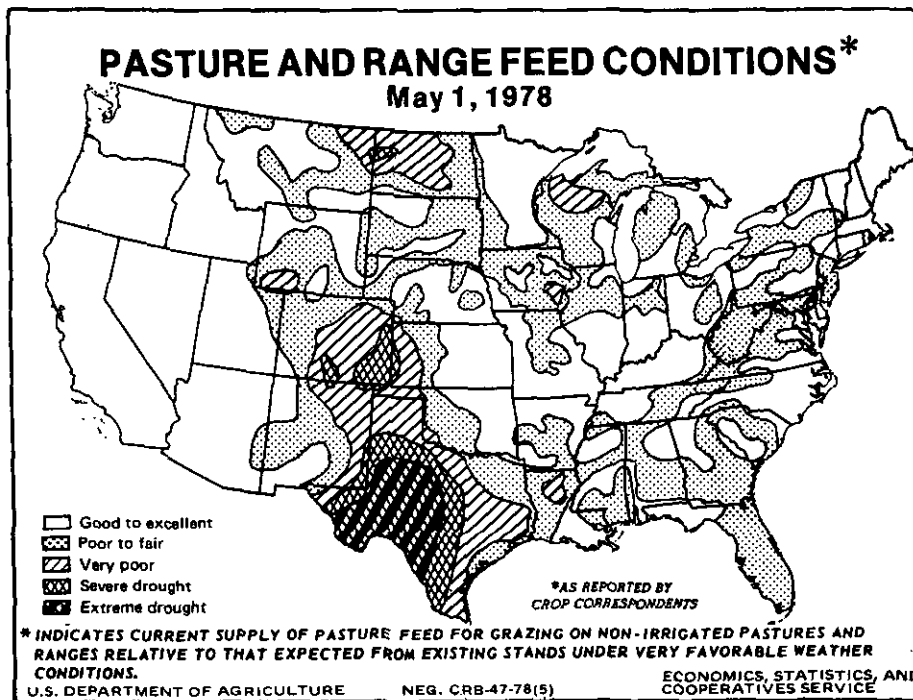
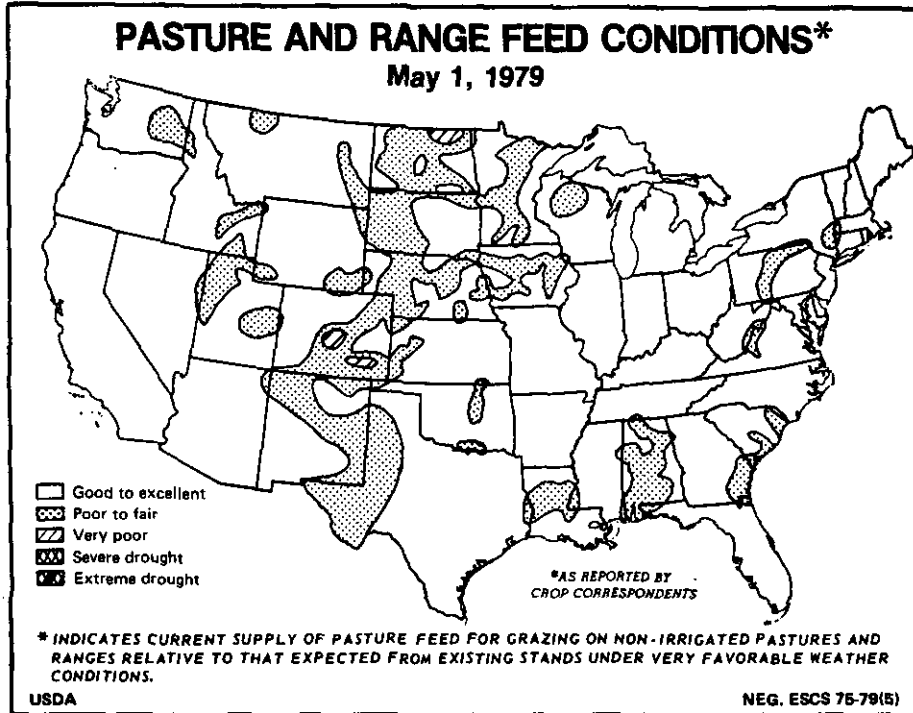
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## APRIL WEATHER SUMMARY

Temperatures during the month of April averaged near normal west of the Rockies but most areas to the east were cooler than normal. The northern Plains were 6 to 8 degrees below normal while the west portion of the Corn Belt was 4 to 5 degrees cooler. New England and Florida were slightly warmer than normal.

Moderate to heavy rain accumulated from the Sierras in California northward and across the Plateau and northern Rockies. Most areas east of the Rockies had normal or above rainfall. Severe weather occurred almost everywhere east of the Rockies. Severe flooding occurred in several areas and record floods plagued North Dakota, southeast Texas, Mississippi, Alabama and Florida.

In the early part of the first week in April, a series of storm systems moved rapidly from western Canada southeastward into central U.S. and then eastward. Heavy rain resulted as the cooler air met the warm, moist Gulf air which reached into southern U.S. along a line from east Texas to the Ohio Valley and the Appalachians. Some amounts in excess of five inches caused flooding in Mississippi and Alabama. Later in the week a Pacific storm dumped rain in the Northwest and snow in the northern Rockies. April began with near normal temperatures in the West and Southeast. Cold weather returned to the northern Plains and pushed southward into Texas.

The second week in April (9th to 15th) also had heavy rain in the South. A storm system moved into the Pacific Northwest and caused rain with snow in the higher elevations of the Plateau and northern Rockies. A new storm center formed in Colorado and moved northeastward trailing behind it a cooler air mass which moved eastward. Again, the cooler air moving into warmer moist air set off heavy rain. Amounts in excess of two inches fell from Oklahoma to Lake Michigan. As the cooler air moved through the South, amounts in excess of five inches fell from northern Mississippi through northern Georgia. Some points in northeastern Mississippi measured 18 inches of rain during the week. Severe flooding resulted.

Another weather system moved onto the central West Coast early in the week after mid-April (16th to 22nd). Rain fell along the coast and northward, through the Plateau and northern Rockies. The frontal system moved through the Southwest with very little rain but showers and thunderstorms broke out in west Texas as the front moved into that area. At midweek the front was oriented nearly north-south from central Manitoba in Canada to west Texas and was moving slowly eastward. Light rain or showers fell along most of the front but severe weather occurred from central Texas through Louisiana where some areas recorded over 10 inches of rain during the week. Temperatures in most of the Nation were warmer than normal--as much as 12 degrees in the eastern slopes of the central Rockies. The East and the West Coast were below normal.

The last week of the month of April contained a mixture of weather systems affecting the Nation. The old frontal system weakened and moved off the East Coast but an intense low pressure formed on its trailing end in Louisiana and moved eastward carrying heavy rain and severe weather to southeastern U.S. Almost at the same time an impulse of energy moved through the southern Gulf of Mexico and turned northward to deluge southeastern Florida. Considerable crop damage resulted from the very heavy rain and flooding. Another front from the West caused heavy rain and severe weather through the Mississippi Valley and in southern Nebraska. Cooler air moved into the Plains and the South but the West and New England warmed.

## APRIL FIELDWORK

Land preparation and spring planting advanced slowly in many parts of the Nation during April. Above normal precipitation in the Dakotas and most of the South Central States kept soils saturated and produced serious floods in parts of these regions. Subnormal temperatures in most crop producing areas held soil temperatures about 2 degrees below normal. However, soil temperatures rose enough by the end of April to germinate most grain crops except across the extreme northern section of the U.S. Wet soils held planting progress in check throughout most of the Central States. Spring plowing lagged throughout much of the area; however, plowing in the Corn Belt was on schedule with previous years because a large part of the acreage was turned last fall. Plowing and corn and cotton planting in the Southeast exceeded the average. Most areas of the Nation except the Southeast had only 1 to 3 days suitable for fieldwork per week through April. Cotton planting, excluding California, stood at 19 percent at the end of April compared with 31 percent last year and the average of 23 percent. Corn planting advanced to 7 percent, less than the 9 percent in 1978 and the 15 percent average. Planting was just getting started in the Corn Belt at the end of April. Spring wheat seeding lagged at 5 percent compared with 10 percent last year and the 31 percent average. Oats planting reached 30 percent, slightly above last year but far behind the 53 percent average. Barley seeding stood at 12 percent, well behind 1978's 21 percent and the 38 percent average. The figures on "average" progress of planting for spring wheat, oats and barley are influenced by the fact that spring grain areas enjoyed extremely early planting seasons in 1976 and 1977. Rice planting, excluding California, reached 44 percent, far short of the 78 percent in 1978 and the 72 percent average. Mississippi and Arkansas particularly fell behind recent years. Most grain sorghum seeding occurred in Texas. Soybean planting was just getting started in the South by the end of April with Georgia the most advanced at 5 percent. Peanut planting reached 26 percent, equalling last year and the average, and was on schedule in all major producing States.

Farmers planted 7 percent of the Nation's corn by the end of April, compared with the average of 15 percent. Most major Corn Belt States planted 5 percent or less; only Ohio and Kansas reached 10 percent. Last year, also a late starting planting season, the Nation's growers planted 9 percent of the corn acreage by the end of April. In previous years, half the corn acreage in some States has been planted in only one week under ideal conditions. A heavy snow melt, low soil temperatures and above normal precipitation in many corn growing areas combined to delay early spring fieldwork and planting. Corn planting in the eastern north central States stood at 2 percent on April 29, slightly behind 1978's 5 percent and the 13 percent average. Illinois was 1 percent compared with the 19 percent average, which includes several good planting seasons. In the western north central States, seeding reached only 1 percent compared with 2 percent last year and the 9 percent average. Progress in the Southeast attained 79 percent, surpassing 1978's 76 percent and the 68 percent average.

Cotton planting, excluding California, advanced to 19 percent by April 29, short of the 31 percent last year and the 23 percent average. The Delta States lagged far behind last and average showing only a fourth the progress usually achieved by the end of April. Rain and slow warming soil temperatures delayed planting operations in the Delta. Cotton growers in both the Southeast and Southwest made good progress, surpassing both 1978 and the average in most States. Texas cotton planting reached 17 percent, lagging last year's 26 percent and the 20 percent average. Seeding began on the High Plains as April ended. California planting reached 87 percent.

Spring wheat seeding in the 5 major producing States lagged because of low soil temperatures and wet soils with flooding in the Red River Valley. Progress stood at 5 percent, half 1978's rate and far behind the 31 percent average. Only Idaho, at 50 percent, was close to 1978's progress and equalled the average. Oats planting moved along reasonably well in most States although lagging the average. Slow progress in the Dakotas and Minnesota held progress to 30 percent for the Nation, almost the same as last year, but well behind the 53 percent average. Three of the largest barley producing States, North Dakota, Minnesota and Montana, planted virtually no acreage by the end of April. Other States fared better but, overall, barley planting was 12 percent compared with 21 percent last year and the 38 percent average.

Soybean seeding was just starting across the South; only Georgia reached 5 percent with other States at 3 percent or less.

Sorghum planting advanced into Missouri, but most activity during April centered in Texas. By the end of the month Texas planting advanced into the southern High Plains; statewide progress stood at 56 percent compared with 66 percent last year and the 61 percent average.

Rice seeding lagged far behind 1978 and the average because of the adverse planting conditions in the Delta. Both Arkansas and Mississippi stood at 21 percent showing only a fourth to a third the progress of last year. Louisiana fared better reaching 70 percent, but 17 points less than last year.

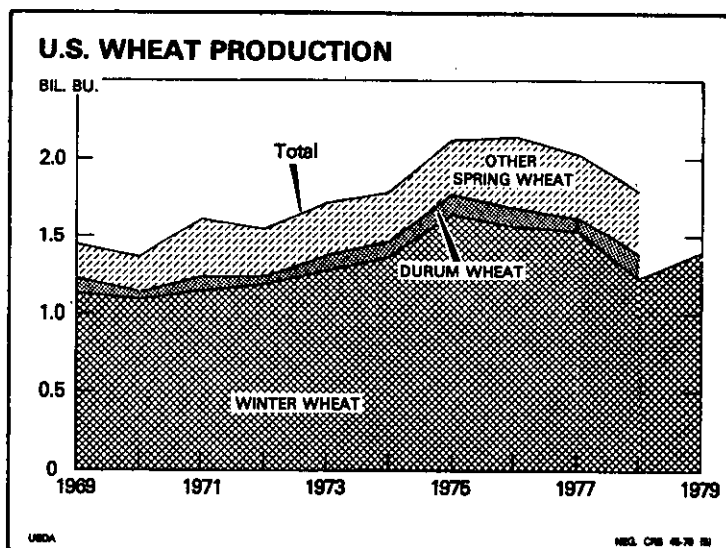
**WINTER WHEAT:** Production of winter wheat is forecast at 1.39 billion bushels (37.9 million metric tons) based on May 1 conditions. This is 11 percent greater than last year's production but 10 percent less than the 1977 crop. Prospective production decreased 4 percent from the December 1, 1978 forecast of 1.44 billion bushels (39.2 million metric tons). Much of the reduction occurred in the Pacific Northwest where winterkill caused abandonment or reduced stands.

Yield per harvested acre is forecast at 32.4 bushels per harvested acre. In comparison, last year's crop yielded 32.1 bushels while the 1977 yield was 31.6 bushels. Comparison of this year's yield with a year ago by areas shows that the Southern Plains are improved primarily as a result of better moisture conditions. Some lower yields are expected in the Northern Plains as well as the Pacific Northwest where winterkill reduced plant populations. Growers in most of the soft red winter wheat producing areas of the Corn Belt and Atlantic Coast expect better yields than last year.

Producers expect to harvest 42.9 million acres (17.3 million hectares) for grain, or 10 percent more than last year's 38.9 million acres (15.7 million hectares), but 12 percent less than the 1977 harvested acreage. Indicated harvested acres are 83.3 percent of the estimated seeded acres, compared with 81.5 percent harvested for grain in 1978.

Winter wheat came out of dormancy during early March in Texas and made rapid growth in response to adequate moisture and higher temperatures. By early April the U.S. wheat crop rated fair to mostly good with stands showing improvement with the advent of milder weather. Pacific Northwest growers were reseeding areas seriously damaged from winterkill. Great Plains States reported very little wind damage but by mid-April a few States were finding winterkill losses.

All major wheat producing areas had adequate soil moisture on May 1 with the crop rating fair to good. Maturity advanced to the heading stage in parts of Oklahoma. Harvesting was just getting underway in Arizona.



### RELIABILITY OF MAY 1 WINTER WHEAT PRODUCTION FORECASTS

The winter wheat production forecast in this report is based primarily on surveys conducted just prior to May 1. Acreage for harvest is based on the planted acreage published in December 1978, with estimated abandonment based on information provided by producers about May 1, 1979. The yield forecast is based on data from farmers' mail reports and counts and measurements in wheat fields. These surveys to obtain acreage and yield information are subject to sampling and non-sampling type errors that are common to all surveys. More importantly, the production forecast is subject to change due to future weather conditions and other factors that directly affect final production but cannot be measured currently.

To assist users in evaluating the reliability of the May 1 winter wheat production forecast, the "Root Mean Square Error," a statistical measure based on past performance, is computed. This is done by expressing the deviation between the May 1 production forecast and the final estimate as a percentage of the final estimate, and averaging the squared percentage deviations for the 1959-78 twenty-year period; the square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected errors in the current forecast relative to the final end of season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent year forecasts.

The "Root Mean Square Error" for the May 1 winter wheat production forecast is 6.1 percent. This means that chances are 2 out of 3 that the current production forecast of 1391 million bushels will not be above or below the final estimate by more than 6.1 percent or approximately 85 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 10.5 percent or approximately 146 million bushels. Differences between the May 1 winter wheat production forecast and the final estimate during the past 10 years have averaged 63 million bushels, ranging from 3 million to 237 million bushels. The May 1 forecast was below the final estimate in 6 years and above in 4 years.

**ORANGES:** The Nation's orange crop is forecast at 207 million boxes (8.19 million metric tons), one million boxes above the April 1 forecast but 6 percent below the 1977-78 season.

Florida's crop is placed at 163 million boxes, the same as last month but 3 percent below the 1977-78 season. The early and mid-season varieties have been harvested and totaled 91 million boxes. Harvest of the 72 million box Valencia crop is 36 percent complete. Groves are in good condition. Growers were active in hedging and topping harvested groves.

The California orange crop is placed at 35 million boxes, 3 percent above the April 1 forecast but 17 percent below last season. Harvest of the 20 million box Navel crop is about complete. Quality was below average with granulation and drying prevalent. The Valencia crop forecast is unchanged from last month at 15 million boxes, but is 32 percent below last season. Harvest of Valencias in the desert should be complete by June 1 and will be in full swing in Northern and Central California by mid-May. Quality is below average.

Texas production is placed at 6.2 million boxes, 2 percent more than was harvested last season. Harvest is complete. The current condition of the trees is varied depending on the extent of freeze damage this past winter.

Arizona's production forecast is unchanged from last month at 3 million boxes, 19 percent below last season. Navel harvest is complete while about 60 percent of the Valencia crop has been picked.

Changes in the U.S. orange production forecast between May 1 and the final production estimate have averaged 3.61 million boxes over the past ten seasons, ranging from 740 thousand boxes in 1968-69 to 11.6 million boxes in 1976-77.

**FLORIDA FROZEN CONCENTRATED JUICE YIELD:** The all orange juice yield for the 1978-79 crop is projected at 1.34 gallons of 45 degree brix concentrate per box. The yield from the 1977-78 crop was 1.23 gallons per box.

CITRUS CROP - HARVEST AND UTILIZATION TO MAY 1

CROP	1977-78				1978-79			
	UTILIZATION			REMAINING	UTILIZATION			REMAINING
	FRESH	PROCESSED	TOTAL	FOR HARVEST	FRESH	PROCESSED	TOTAL	FOR HARVEST
	THOUSAND BOXES							
ORANGES	28,803	112,082	140,885	78,735	25,749	118,765	144,514	62,686
GRAPEFRUIT	23,778	35,397	59,175	14,525	23,430	35,595	59,025	7,475
LEMONS	7,788	11,924	19,712	6,388	9,127	6,807	15,934	4,566

As of May 1 a total of 145 million boxes of oranges had been harvested in the U.S., 70 percent of the expected total orange crop. A year earlier, 64 percent of the orange crop had been harvested by this date. Processors used 82 percent of the oranges harvested prior to May 1 this year compared with 80 percent a year earlier.

Grapefruit harvest was 89 percent complete by May 1, 1979. Last season's crop was 80 percent harvested by May 1. Of this year's crop harvested to date, processors have used 60 percent, the same as a year earlier.

Lemon harvest was 78 percent complete compared with 76 percent on May 1 last year. Processors used 43 percent of the crop harvested before May 1. During the same period last year, processors used 60 percent.

**GRAPEFRUIT:** U.S. grapefruit production is placed at 66.5 million boxes (2.47 million metric tons), 2 percent above last month's forecast, but 10 percent below the 1977-78 season. The Florida crop is now placed at 49.2 million boxes, 3 percent above the April 1 forecast, but 4 percent below last season. About 95 percent of the crop had been harvested prior to May 1, compared with 88 percent for the same period last year. Groves are in good condition. The Texas crop at 9.00 million boxes is unchanged from April 1 but is 24 percent below last season. Harvest is complete. California prospects are unchanged from April 1 at 6.00 million boxes but are 20 percent below last season. Harvest is 35 percent complete, compared with 28 percent for the same period last year. The Arizona crop at 2.30 million boxes is 21 percent below last season. Harvest is two-thirds complete.

Changes in U.S. grapefruit production between the May 1 forecast and final production have averaged 1.20 million boxes over the past 10 seasons, ranging from 110 thousand boxes in 1969-70 to 3.13 million boxes in 1968-69.

**LEMONS:** The Arizona and California lemon crop is forecast at 20.5 million boxes (707 thousand metric tons), 5 percent less than was expected on April 1 and 21 percent less than last season. The Arizona crop at 5.50 million boxes harvested is 8 percent below last month's forecast and 4 percent below last year. Harvest is complete. The California crop at 15.0 million boxes is 3 percent below last month's forecast and 26 percent below last season. The Central Valley is nearly all picked and harvest is complete in the Desert Valley. The central coast is moving lemons at a normal pace with virtually all lemons going to the fresh market. Overall, California harvest is 70 percent complete, about the same as last year.

**TEMPLES:** Florida's temple crop is placed at 4.60 million boxes (188 thousand metric tons), 2 percent below last month's forecast and 6 percent below last season. Harvest is complete.

**PARAYAS:** Hawaii papaya production during May is forecast at 2.95 million pounds (1340 metric tons), up 23 percent from last month. The heavy rains earlier this year caused more sustained damage than anticipated, and production continues at relatively low levels. April's preliminary output of 2.40 million pounds (1090 metric tons) is 40 percent below the same period a year ago. March's estimate was revised downward to 2.28 million pounds (1030 metric tons), making it the lowest monthly total in over four years. The outlook for the coming months shows the current production upsurge continuing into June when 3.50 million pounds (1590 metric tons) is expected. A seasonal downturn is expected to lower production in July and August with forecasts of 3.10 and 2.85 million pounds (1410 and 1290 metric tons), respectively.



Despite a loss of over 173 thousand bearing trees to weather-induced diseases since last December, area for harvest has remained stable and even increased in April to 2405 acres (970 hectares), up 4 percent from March.

**PEACHES:** The first forecast of peach production in the nine Southern States for 1979 is placed at 606 million pounds (275 thousand metric tons), 2 percent above last year and 17 percent greater than in 1977. The peach crop in these States is sold predominantly in fresh market channels and accounts for well over one-third of the U.S. fresh peach utilization.

Prospects for smaller crops than last year in Alabama, Georgia, and Texas were more than offset by increases in the remaining major States. South Carolina production is expected to be 340 million pounds, 8 percent above last season. Good growing conditions and no frost damage have resulted in a heavy fruit set. Cool nights have slowed development in Georgia, and prospects are for a crop of 110 million pounds, 8 percent below 1978. Early April frost in north Texas and the High Plains caused some losses during full bloom, and wet conditions in central areas have hampered spraying. Harvest should begin in mid-May in Louisiana and in mid-June in Alabama and Arkansas.

**ALMONDS:** The 1979 California almond crop (shelled basis) is expected to total 300 million pounds (136 thousand metric tons), 66 percent more than the small crop harvested last year. The bloom was one of the heaviest in recent memory. However, the weather was chilly and the bee population was not sufficient to take care of the spectacular but short duration blooms. As a result set was not as heavy as it could have been.

**POTATOES:** The 1979 spring potato crop is forecast at 22.9 million cwt. (1.04 million metric tons), a 4 percent improvement from April 1 and 27 percent above the 1978 production. Yield prospects increased to an average of 253 cwt. per acre compared with the 244 cwt. per acre forecast last month and last season's 198 cwt. per acre. The 1979 output is expected to be harvested from 90.2 thousand acres (36.5 thousand hectares), a slight reduction from a month ago and 1 percent below the last two seasons.

The California crop is expected to total 12.0 million cwt., a 5 percent improvement from last month and 45 percent above last year's short crop. Digging is underway but volume is still limited. Yield prospects are the best in recent years.

Production in the Hastings area of Florida is forecast at 4.39 million cwt., 2 percent above April 1 and 25 percent more than in 1978. Harvest began in late April and is nearing full swing. Yield prospects have steadily improved as digging continues. In other Florida producing areas the 1979 crop has declined from both last month and last year. Harvest is complete in the southern areas and should begin in the Panhandle in late May.

The North Carolina crop, at 2.26 million cwt., improved 6 percent from last month and is now 16 percent above the 1978 output. Although planting and initial crop development was delayed by rain, the crop is now making excellent growth and shows good condition. Texas harvest in the Lower Rio Grande Valley has been slowed by intermittent rains with some acreage loss caused by rotting. Crop progress in the Winter Garden area is good with digging underway. The Knox-Haskell crop is in good condition with digging expected to begin in early June. In Alabama, harvest should begin in late May. The crop has begun to catch up from the late development early in the season but is still a week late. In Louisiana, some rotting has occurred as a result of heavy April rains. Digging is expected to begin in late May. The Arizona crop is developing well, but is still about two weeks late.

**PASTURE AND RANGE FEED:** The May 1 pasture and range feed condition for the 48 contiguous States was 84 percent, 9 points above a year earlier and 3 points above the 1968-77 average for the date. This is the highest May 1 condition since 1973. Conditions were above a year ago in all but 9 States. A number of western States recorded lower May 1 conditions than a year ago, resulting primarily from lower temperatures and slow growth of grasses. Soil moisture supplies are adequate and growth should improve as temperatures warm. In Texas, range and pasture condition, at 82 percent, was 36 points above last year when dry conditions affected most of the State.

HAY STOCKS ON FARMS: May 1 hay stocks on farms were a record high 29.9 million tons (27.1 million metric tons), 24 percent above last year and 53 percent above 1977. A high May 1, 1978 carryover combined with a record 1978 production resulted in record high stocks on both January 1 and May 1 of this year despite a record high disappearance for both periods.

Disappearance of hay from farms from May 1, 1978 to April 30, 1979 totaled 136 million tons (124 million metric tons) compared with 127 million tons (115 million metric tons) during the same period a year earlier.

TOBACCO 1978: Production of all tobacco in 1978 is estimated at 2.03 billion pounds (919 thousand metric tons), 6 percent above the 1.91 billion pounds (867 thousand metric tons) produced in 1977. The crop was harvested from 949 thousand acres (384 thousand hectares), down 1 percent from the 958 thousand acres (387 thousand hectares) harvested the previous year. Yields averaged 2135 pounds per acre, compared with 1997 pounds for the 1977 crop.

Flue-cured production is placed at 1.23 billion pounds (558 thousand metric tons), up 9 percent from the 1977 crop of 1.13 billion pounds (512 thousand metric tons). The 1978 production includes 30.2 million pounds (13.7 thousand metric tons) to be carried over for sale next season, but excludes 4.08 million pounds (1850 metric tons) of 1977 leaf sold during the 1978 marketing season. Harvested area totaled 589 thousand acres (238 thousand hectares), virtually the same as 1977. Yield per acre for types 11-14 averaged 2090 pounds compared with 1917 pounds in 1977.

Fire-cured production for 1978 is estimated at 58.3 million pounds (26.4 thousand metric tons), up 11 percent from the 52.4 million pounds (23.8 thousand metric tons) produced the previous year. The leaf was grown on 33.2 thousand acres (13.4 thousand hectares), up 1 percent from a year earlier. Yields averaged 1755 pounds per acre, compared with 1598 pounds in 1977.

Burley production at 626 million pounds (284 thousand metric tons) was up 1 percent from the 617 million pounds (280 thousand metric tons) produced in 1977. The 1978 estimate includes 29.1 million pounds (13.2 thousand metric tons) of carryover for sale during the next marketing season, but excludes 20.6 million pounds (9340 metric tons) of 1977 leaf sold during the 1978 marketing season. The 1978 crop was harvested from 261 thousand acres (106 thousand hectares), down 3 percent from the previous year. Yield per acre averaged 2399 pounds, compared with 2298 pounds in 1977.

Southern Maryland output is estimated at 32.2 million pounds (14.6 thousand metric tons), 7 percent above the 1977 production of 30.1 million pounds (13.7 thousand metric tons). The 1978 acreage at 23.0 thousand acres (9310 hectares) is the same as last year. Yield per acre at 1400 pounds compares with 1310 pounds in 1977. Auction sales for the 1978 crop opened in mid-April and will continue until mid-June. Revisions, if necessary, will be published in the August Crop Production Report.

Dark air-cured production is estimated at 23.0 million pounds (10.5 thousand metric tons), 9 percent above the 21.2 million pounds (9610 metric tons) produced in 1977. The 1978 crop was harvested from 12.0 thousand acres (4850 hectares), virtually the same as 1977. Yields averaged 1923 pounds per acre, compared with 1772 pounds in 1977.

Cigar-filler growers produced 28.0 million pounds (12.7 thousand metric tons) on 14.4 thousand acres (5830 hectares) during 1978 averaging 1946 pounds per acre. During 1977, 29.2 million pounds (13.2 thousand metric tons) were produced on 15.0 thousand acres (6070 hectares).

Cigar-binder production of 23.2 million pounds (10.5 thousand metric tons) was 13 percent below the 26.8 million pounds (12.2 thousand metric tons) produced a year earlier. A 2 percent increase in acreage was more than offset by a 301 pound decline in yield.

Cigar-wrapper production in 1978 is estimated at 3.77 million pounds (1710 metric tons), 29 percent below 1977. Acreage harvested in 1978 was down 21 percent and average yield at 1392 pounds was down 155 pounds from a year earlier.

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COTTON, 1978 REVISED: Cotton production in 1978 totaled 10.9 million bales, 25 percent below 1977 but 3 percent above 1976. The 1978 production consisted of 10.8 million bales of Upland cotton and 93.4 thousand bales of American-Pima cotton. The smaller 1978 crop was harvested from 7 percent fewer acres and yielded 99 pounds per acre less than the 1977 crop. The crop suffered from unfavorable growing conditions and insect infestations in all areas except the southeast where above average yields were obtained. Good harvesting weather prevailed in the Southeast and Delta areas and harvest was completed ahead of normal. Harvest progressed slowly in Texas and Oklahoma.

The 1978 planted acreage of 13.4 million acres (5.41 million hectares) was 2 percent below the previous year. Growers abandoned 7 percent of the planted acres, resulting in 12.4 million harvested acres (5.01 million hectares). Yield per harvested acre for Upland cotton was 420 pounds compared with 519 pounds in 1977. American-Pima yield at 590 pounds per acre was 134 pounds below the record high of 1977. Cottonseed production totaled 4.27 million tons (3.87 million metric tons) compared with 5.52 million tons (5.01 million metric tons) the previous year.

The Bureau of the Census reported 10,549,219 running bales ginned during the 1978 season, 25 percent below 1977. Ginnings totaled 10,850,669 equivalent 480-pound net weight bales.

The preliminary 1978 season average price for lint is 58.8 cents per pound, up 6.5 cents from 1977. Average price for cottonseed at \$114.00 per ton is 62 percent above the previous year. Value of lint and seed for the 1978 crop totals \$3.55 billion, 11 percent below 1977.

WINTER WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1977	1978	IND 1979	1977	1978	IND 1979	1977	1978	IND 1979
	1,000 ACRES			BUSHEL			1,000 BUSHEL		
ALA	90	65	91	28.0	26.0	28.0	2,520	1,690	2,548
ARIZ	55	47	58	72.0	70.0	73.0	3,960	3,290	4,234
ARK	660	300	430	39.0	37.0	38.0	25,740	11,100	16,340
CALIF	650	600	715	64.0	62.0	65.0	41,600	37,200	46,475
COLO	2,550	2,400	2,550	22.0	23.0	23.0	56,100	55,200	58,650
DEL	35	28	29	30.0	36.0	37.0	1,050	1,008	1,073
FLA 1/1	13	12		29.0	36.0		377	432	
GA	100	120	144	33.0	32.0	35.0	3,300	3,840	5,040
IDAHO	830	815	870	39.0	54.0	45.0	32,370	44,010	39,150
ILL	1,570	930	1,210	43.0	38.0	37.0	67,510	35,340	44,770
IND	1,240	815	945	45.0	39.0	41.0	55,800	31,785	38,745
IOWA	109	55	72	37.0	31.0	35.0	4,033	1,705	2,520
KANS	12,100	10,200	10,700	28.5	30.0	30.0	344,850	306,000	321,000
KY	274	195	280	37.0	35.0	36.0	10,138	6,825	10,080
LA	25	17	22	34.0	36.0	30.0	850	612	660
MD	120	108	114	36.0	37.0	37.0	4,320	3,996	4,218
MICH	825	450	770	40.0	40.0	40.0	33,000	18,000	30,800
MINN	105	58	54	33.0	29.0	29.0	3,465	1,682	1,566
MISS	105	65	135	34.0	31.0	32.0	3,570	2,015	4,320
MO	1,760	840	1,490	39.0	34.0	34.0	68,640	28,560	50,660
MONT	2,800	2,700	2,350	29.0	31.0	33.0	81,200	83,700	77,550
NEBR	2,950	2,550	2,600	35.0	32.0	30.0	103,250	81,600	78,000
NEV	16	11	13	60.0	65.0	70.0	960	715	910
N J	42	33	38	31.0	36.0	41.0	1,302	1,188	1,558
N MEX	421	298	343	21.0	19.0	25.0	8,841	5,662	8,575
N Y	175	75	162	39.0	35.0	38.0	6,825	2,625	6,156
N C	200	180	195	30.0	33.0	36.0	6,000	5,940	7,020
N DAK	104	135	145	23.0	29.0	28.0	2,392	3,915	4,060
OHIO	1,540	1,125	1,300	47.0	39.0	46.0	72,380	43,875	59,800
OKLA	6,500	5,400	5,700	27.0	27.0	30.0	175,500	145,800	171,000
OREG	1,160	1,100	1,000	39.0	43.0	42.0	45,240	47,300	42,000
PA	270	245	262	33.0	33.0	32.0	8,910	8,085	8,384
S C	95	78	105	29.0	33.0	34.0	2,755	2,574	3,570
S DAK	680	700	600	25.0	26.0	22.0	17,000	18,200	13,200
TENN	280	220	310	36.0	35.0	34.0	10,080	7,700	10,540
TEX	4,700	2,700	4,100	25.0	20.0	27.0	117,500	54,000	110,700
UTAH	180	167	167	23.0	29.0	28.0	4,140	4,843	4,342
VA	205	155	175	31.0	35.0	38.0	6,355	5,425	6,650
WASH	2,800	2,600	2,310	34.0	47.0	37.0	95,200	122,200	85,470
W VA	10	9	10	31.0	33.0	32.0	310	297	320
WIS	60	33	38	43.0	36.0	38.0	2,580	1,188	1,444
WYO	260	275	270	20.0	26.0	25.0	5,200	7,150	6,750
U S	48,664	38,909	42,872	31.6	32.1	32.4	1,937,113	1,248,272	1,390,848

1/ ESTIMATES DISCONTINUED AFTER 1978 CROP.

WHEAT PRODUCTION BY CLASSES, UNITED STATES

YEAR	WINTER			SPRING			TOTAL
	HARD RED	SOFT RED	WHITE	HARD RED	DURUM	WHITE	
	1,000 BUSHEL						
1976	975,840	336,555	247,528	411,127	134,914	36,398	2,142,362
1977	992,446	350,152	194,515	397,603	79,964	21,638	2,036,318
1978	834,252	202,119	211,901	379,390	133,328	37,722	1,798,712
1979 1/1	927,273	277,544	186,031				

1/ INDICATED MAY 1, 1979.

HAY STOCKS ON FARMS - MAY 1

STATE	1977	1978	1979	STATE	1977	1978	1979
	1,000 TONS				1,000 TONS		
ALA	77	101	177	NEV	94	176	144
ARIZ	139	205	97	N H	45	35	40
ARK	105	197	179	N J	45	26	81
CALIF	680	1,082	765	N MEX	98	124	63
COLO	508	557	452	N Y	1,070	649	1,112
CONN	25	18	41	N C	46	57	141
DEL	3	1	10	N DAK	716	452	1,742
FLA	28	68	66	OHIO	640	676	944
GA	93	68	152	OKLA	324	634	258
IDAHO	798	1,026	1,083	OREG	369	585	495
ILL	588	779	771	PA	655	583	1,210
IND	301	429	368	R I	2	2	3
IOWA	1,397	1,707	1,909	S C	47	63	107
KANS	680	1,059	748	S DAK	710	1,510	2,760
KY	598	340	664	TENN	295	291	421
LA	39	57	47	TEX	967	468	568
MAINE	108	68	84	UTAH	309	424	358
MD	130	53	158	VT	206	108	177
MASS	38	35	50	VA	148	130	410
MICH	551	514	958	WASH	465	462	749
MINN	922	1,627	1,965	W VA	50	75	252
MISS	73	82	143	WIS	1,381	2,880	3,374
MO	544	1,026	1,017	WYO	371	328	308
MONT	955	508	869				
NEBR	1,072	1,732	1,432	U S	19,505	24,077	29,922

PASTURE AND RANGE FEED CONDITION 1/

STATE	AVERAGE 1968-77	1978	1979	STATE	AVERAGE 1968-77	1978	1979
	PERCENT				PERCENT		
ALA	82	79	77	NEV	78	84	92
ARIZ	74	105	90	N H	87	89	99
ARK	85	80	87	N J	83	72	88
CALIF	71	101	91	N MEX	71	65	79
COLO	75	60	76	N Y	87	75	85
CONN	87	88	96	N C	87	84	89
DEL	87	83	90	N DAK	72	62	75
FLA	68	72	85	OHIO	87	80	88
GA	80	77	86	OKLA	80	75	84
IDAHO	79	94	83	OREG	78	96	88
ILL	88	80	88	PA	85	79	86
IND	89	82	89	R I	87	90	100
IOWA	83	73	81	S C	80	82	87
KANS	83	81	85	S DAK	77	74	79
KY	88	83	90	TENN	87	82	89
LA	81	77	83	TEX	75	46	82
MAINE	88	86	99	UTAH	76	90	84
MD	84	74	84	VT	86	90	98
MASS	86	83	98	VA	85	79	90
MICH	88	78	90	WASH	79	94	84
MINN	82	81	80	W VA	79	69	83
MISS	83	81	85	WIS	86	73	85
MO	84	80	87	WYO	82	76	85
MONT	79	79	85				
NEBR	82	84	82	U S	81	75	84

1/ GOOD TO EXCELLENT, 80 AND OVER; POOR TO FAIR, 65-79; VERY POOR, 50-64; SEVERE DROUGHT, 35-49; EXTREME DROUGHT, UNDER 35.

ALMONDS (SHELLED BASIS)

STATE	PRODUCTION		
	TOTAL 1977	TOTAL 1978	IND 1979
	1,000 POUNDS		
CALIF	313,000	181,000	300,000

PAPAYAS - HAWAII

MONTH	AREA				UTILIZED PRODUCTION		
	TOTAL IN CROP		HARVESTED		1978	1979	FORECAST 1979
	1978	1979	1978	1979			
	ACRES				1,000 POUNDS		
MAR	3,150	3,255	2,210	2,320	4,316	2,280	
APR	3,215	3,265	2,220	2,405	3,971	2,400	
MAY	3,120		2,175		5,546		2,950
JUN	3,165		2,155		6,896		3,500
JUL	3,160		2,180		6,664		3,100
AUG	3,160		2,185		6,279		2,850
CUMULATIVE PRODUCTION JAN-APR					16,347	10,730	

HAWAII

CROP	AREA HARVESTED			YIELD			PRODUCTION		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	ACRES			1,000 POUNDS					
BANANAS	560	550	560	9.0	10.5	8.6	5,030	5,800	4,800
PAPAYAS	1,930	2,155	2,190	25.9	29.5	29.2	50,037	67,548	64,000
TARO	460	470	450	16.0	16.7	17.1	7,350	7,870	7,680

## CITRUS FRUIT

1/

CROP AND STATE	PRODUCTION BOXES			PRODUCTION TON EQUIVALENT		
	UTILIZED		INDICATED	UTILIZED		INDICATED
	1976-77	1977-78	1978-79	1976-77	1977-78	1978-79
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVAL 3/						
ARIZ 4/	800	820	700	30	31	26
CALIF	25,600	20,000	20,000	960	750	750
FLA	115,000	88,300	91,000	5,175	3,974	4,095
TEX 4/	4,350	3,850	4,200	185	164	179
U S	145,750	112,970	115,900	6,350	4,919	5,050
ORANGES, VALENCIA						
ARIZ	3,150	2,900	2,300	118	109	86
CALIF	19,700	22,000	15,000	739	825	563
FLA	71,800	79,500	72,000	3,231	3,578	3,240
TEX	2,550	2,250	2,000	108	96	85
U S	97,200	106,650	91,300	4,196	4,608	3,974
ALL ORANGES						
ARIZ	3,950	3,720	3,000	148	140	112
CALIF	45,300	42,000	35,000	1,699	1,575	1,313
FLA	186,800	167,800	163,000	8,406	7,552	7,335
TEX	6,900	6,100	6,200	293	260	264
U S	242,950	219,620	207,200	10,546	9,527	9,024
TEMPLES						
FLA	3,800	4,900	4,600	171	221	207
GRAPEFRUIT, WHITE SEEDLESS						
FLA	29,900	28,700	28,500	1,271	1,220	1,211
GRAPEFRUIT, PINK SEEDLESS						
FLA	12,500	14,300	13,500	531	608	574
OTHER GRAPEFRUIT						
FLA	9,100	8,400	7,200	387	357	306
ALL GRAPEFRUIT						
ARIZ	3,000	2,900	2,300	96	93	74
CALIF						
DESERT	4,500	4,300	3,500	144	138	112
OTHER AREAS	3,200	3,200	2,500	107	107	84
TOTAL	7,700	7,500	6,000	251	245	196
FLA	51,500	51,400	49,200	2,189	2,185	2,091
TEX	12,400	11,900	9,000	496	476	360
U S	74,600	73,700	66,500	3,032	2,999	2,721
TANGERINES						
ARIZ 4/	650	700	550	24	26	21
CALIF 4/	1,820	1,500	1,250	68	56	47
FLA	3,300	3,200	3,500	157	152	166
U S	5,770	5,400	5,300	249	234	234
LEMONS						
ARIZ	5,000	5,700	5,500	190	217	209
CALIF	21,000	20,400	15,000	798	775	570
U S	26,000	26,100	20,500	988	992	779
TANGELOS						
FLA	4,800	4,900	4,200	216	221	189

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, TEX-85; GRAPEFRUIT-CALIF DESERT & ARIZ-64, CALIF OTHER-67, FLA-85, TEX-80; LEMONS-76; TANGELOS & TEMPLES-90; TANGERINES-CALIF & ARIZ-75, FLA-95.

3/ NAVAL AND MISCELLANEOUS VARIETIES IN CALIFORNIA AND ARIZONA, EARLY AND MIDSEASON VARIETIES IN FLORIDA AND TEXAS, INCLUDING SMALL QUANTITIES OF TANGERINES IN TEXAS.

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

PEACHES

CROP AND STATE	PRODUCTION POUNDS 1/			PRODUCTION 48 LB. EQUIVALENT		
	TOTAL			TOTAL		
	1977	1978	INDICATED 1979	1977	1978	INDICATED 1979
	MILLION UNITS			1,000 UNITS		
PEACHES						
ALA	10.0	15.0	13.0	208	313	271
ARK	40.0	37.0	40.0	833	771	833
GA	90.0	120.0	110.0	1,875	2,500	2,292
LA	6.5	6.5	6.5	135	135	135
MISS	4.0	4.0	4.0	83	83	83
N C	35.0	45.0	46.0	729	938	958
OKLA	10.0	8.5	10.0	208	177	208
S C	275.0	315.0	340.0	5,729	6,563	7,083
TEX	48.0	40.0	36.0	1,000	833	750
9 SOUTHERN STATES	518.5	591.0	605.5	10,800	12,313	12,613

1/ INCLUDES UNHARVESTED PRODUCTION AND EXCESS CULLAGE (MILLION POUNDS): 9 SOUTHERN STATES, 1977-11.5, 1978-19.0.

POTATOES

SEASONAL GROUP AND STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1977	1978	IND 1979	1977	1978	IND 1979	1977	1978	IND 1979
	1,000 ACRES			CWT			1,000 CWT		
<b>WINTER</b>									
TOTAL	13.4	12.9	13.2	199	203	206	2,660	2,621	2,723
<b>SPRING</b>									
ALA	10.5	9.5	8.8	120	100	110	1,260	950	968
ARIZ	6.5	6.0	6.2	270	265	260	1,755	1,590	1,612
CALIF	30.8	29.0	30.0	385	285	400	11,858	8,265	12,000
FLA-HASTINGS	19.5	20.6	20.4	220	170	215	4,290	3,502	4,386
-OTHER	1.7	1.8	1.0	185	125	170	315	225	170
LA	2.3	2.3	2.1	75	75	70	173	173	147
MISS 1/	1.3	1.2		90	90		117	108	
N C	13.4	13.0	13.7	165	150	165	2,211	1,950	2,261
TEX	5.4	7.5	8.0	165	160	165	891	1,200	1,320
TOTAL	91.4	90.9	90.2	250	198	253	22,870	17,963	22,864

1/ ESTIMATES DISCONTINUED AFTER 1978 CROP.



TOBACCO

STATE	AREA HARVESTED		YIELD		PRODUCTION	
	1977	1978	1977	1978	1977	1978
	ACRES		POUNDS		1,000 POUNDS	
ALA	550	520	1,900	1,870	1,045	972
CONN	3,500	3,200	1,606	1,547	5,620	4,950
FLA	11,840	10,500	2,094	2,100	24,798	22,050
GA	65,000	61,000	2,075	2,060	134,875	125,660
IND	6,900	6,600	2,400	2,350	16,560	15,510
KY	196,750	194,500	2,297	2,415	452,024	469,658
LA	140	130	850	900	119	117
MD	23,000	23,000	1,310	1,400	30,130	32,200
MASS	1,160	1,030	1,643	1,416	1,906	1,458
MO	2,600	2,400	2,385	2,280	6,201	5,472
N C	392,600	398,700	1,896	2,131	744,525	849,431
OHIO	10,200	9,900	2,162	2,258	22,053	22,350
PA	13,500	13,000	1,940	1,940	26,190	25,220
S C	68,000	71,000	2,040	2,120	138,720	150,520
TENN	68,460	66,850	1,997	2,126	136,746	142,099
VA	79,700	73,130	1,794	1,848	142,985	135,157
W VA	1,600	1,500	2,020	1,800	3,232	2,700
WIS	12,000	12,100	2,032	1,702	24,385	20,600
U S	957,500	949,060	1,997	2,135	1,912,114	2,026,124

TOBACCO

STATE	SEASON AVERAGE PRICE PER POUND RECEIVED BY FARMERS		VALUE OF PRODUCTION	
	1977	1978	1977	1978
	CENTS		1,000 DOLLARS	
ALA	111.0	129.0	1,160	1,254
CONN	420.5	471.8	23,631	23,356
FLA	122.6	144.0	30,396	31,752
GA	115.1	142.6	155,241	179,191
IND	119.5	130.5	19,789	20,241
KY	122.0	129.3	551,578	607,202
LA	159.7	170.1	190	199
MD	114.9	1/	34,619	40,089
MASS	511.0	600.8	9,739	8,759
MO	115.3	127.0	7,150	6,949
N C	116.8	133.3	869,666	1,132,031
OHIO	113.0	122.6	24,914	27,403
PA	60.0	62.0	15,714	15,636
S C	123.3	137.6	171,042	207,116
TENN	119.3	126.6	163,085	179,834
VA	116.1	130.6	166,057	176,542
W VA	113.0	127.5	3,652	3,443
WIS	85.0	100.5	20,736	20,703
U S	118.6	132.4	2,268,359	2,681,700

1/ EVALUATED AT 124.5 CENTS PER POUND, THE AVERAGE OF AUCTION SALES THROUGH MAY 3, 1979.

TOBACCO BY CLASS AND TYPE

CLASS AND TYPE	AREA HARVESTED		YIELD		PRODUCTION		SEASON AV. PRICE PER		VALUE OF PRODUCTION	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	ACRES		POUNDS		1,000 POUNDS		CENTS		1,000 DOLLARS	
CLASS 1, FLUE-CURED										
TYPE 11 OLD AND MIDDLE BELTS										
N C	160,000	155,000	1,770	1,940	283,200	300,700	113.2	131.5	320,582	395,421
VA	61,000	56,000	1,795	1,850	109,495	103,600	117.5	133.5	128,657	138,306
U S	221,000	211,000	1,777	1,916	392,695	404,300	114.4	132.0	449,239	533,727
TYPE 12 EASTERN N C BELT										
N C	177,000	186,000	1,955	2,255	346,035	419,430	118.3	134.2	409,359	562,875
TYPE 13 N C BORDER & S C BELT										
N C	46,000	49,000	1,995	2,210	91,770	108,290	123.5	135.6	113,336	146,841
S C	68,000	71,000	2,040	2,120	138,720	150,520	123.3	137.6	171,042	207,116
U S	114,000	120,000	2,022	2,157	230,490	258,810	123.4	136.8	284,378	353,957
TYPE 14 GEORGIA-FLORIDA BELT										
ALA	550	520	1,900	1,870	1,045	972	111.0	129.0	1,160	1,254
FLA	11,700	10,500	2,100	2,100	24,570	22,050	120.0	144.0	29,484	31,752
GA	65,000	61,000	2,075	2,060	134,875	125,660	115.1	142.6	155,241	179,191
U S	77,250	72,020	2,078	2,064	160,490	148,682	115.8	142.7	185,885	212,197
TOTAL 11-14	589,250	589,020	1,917	2,090	1,129,710	1,231,222	117.6	135.0	1,328,861	1,662,756
CLASS 2, FIRE-CURED										
TYPE 21 VIRGINIA BELT										
VA	7,200	6,100	1,000	1,120	7,200	6,832	96.3	94.5	6,934	6,456
TYPE 22 EASTERN DISTRICT										
KY	6,600	6,750	1,770	1,960	11,682	13,230	133.8	111.0	15,631	14,685
TENN	13,400	14,200	1,800	1,910	24,120	27,122	134.4	115.0	32,417	31,190
U S	20,000	20,950	1,790	1,926	35,802	40,352	134.2	113.7	48,048	45,875
TYPE 23 WESTERN DISTRICT										
KY	4,800	5,300	1,680	1,830	8,064	9,699	125.5	114.5	10,120	11,105
TENN	760	850	1,710	1,620	1,300	1,377	122.0	105.0	1,586	1,446
U S	5,560	6,150	1,684	1,801	9,364	11,076	125.0	113.3	11,706	12,551
TOTAL 21-23	32,760	33,200	1,598	1,755	52,366	58,260	127.3	111.4	66,688	64,882
CLASS 3, AIR-CURED										
CLASS 3A, LIGHT AIR-CURED										
TYPE 31 BURLEY BELT										
IND	6,900	6,600	2,400	2,350	16,560	15,510	119.5	130.5	19,789	20,241
KY	176,000	173,000	2,360	2,475	415,360	428,175	121.8	131.5	505,908	563,050
MO	2,600	2,400	2,385	2,280	6,201	5,472	115.3	127.0	7,150	6,949
N C	9,600	8,700	2,450	2,415	23,520	21,011	112.2	128.0	26,389	26,894
OHIO	8,700	8,500	2,190	2,300	19,053	19,550	121.0	131.0	23,054	25,611
TENN	52,500	50,000	2,055	2,200	107,888	110,000	115.9	130.2	125,042	143,220
VA	10,700	10,300	2,380	2,315	25,466	23,845	116.4	130.0	29,642	30,999
W VA	1,600	1,500	2,020	1,800	3,232	2,700	113.0	127.5	3,652	3,443
U S	268,600	261,000	2,298	2,399	617,280	626,263	120.0	131.0	740,626	820,407
TYPE 32 SOUTHERN MARYLAND BELT										
MD 1/	23,000	23,000	1,310	1,400	30,130	32,200	114.9	2/	34,619	40,089
TOTAL 31-32	291,600	284,000	2,220	2,319	647,410	658,463	119.7	130.7	775,245	860,496

TOBACCO BY CLASS AND TYPE (CONTINUED)

CLASS AND TYPE	AREA HARVESTED			YIELD			PRODUCTION			SEASON AV. PRICE PER LB. RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	
	ACRES			POUNDS			1,000 POUNDS			CENTS			1,000 DOLLARS		
CLASS 3B, DARK AIR-CURED															
TYPE 35 ONE SUCKER BELT															
KY	6,100	6,300	1,825	2,000	11,133	12,600	117.7	98.0	13,104	12,348					
TENN	1,800	1,800	1,910	2,000	3,438	3,600	117.5	110.5	4,040	3,978					
U S	7,900	8,100	1,844	2,000	14,571	16,200	117.7	100.8	17,144	16,326					
TYPE 36 GREEN RIVER BELT															
KY	3,250	3,150	1,780	1,890	5,785	5,954	117.8	101.0	6,815	6,014					
TYPE 37 VA SUN-CURED BELT															
VA	800	730	1,030	1,205	824	880	100.0	88.8	824	781					
TOTAL 35-37	11,950	11,980	1,772	1,923	21,180	23,034	117.0	100.4	24,783	23,121					
CLASS 4, CIGAR FILLER															
TYPE 41 PENNSYLVANIA SEEDLEAF															
PA	13,500	13,000	1,940	1,940	26,190	25,220	60.0	62.0	15,714	15,636					
TYPE 42-44 OHIO MIAMI VALLEY TYPES															
OHIO	1,500	1,400	2,000	2,000	3,000	2,800	62.0	64.0	1,860	1,792					
TOTAL 41-44	15,000	14,400	1,946	1,946	29,190	28,020	60.2	62.2	17,574	17,428					
CLASS 5, CIGAR BINDER															
TYPE 51 CONN VALLEY BROADLEAF															
CONN	1,200	1,350	1,770	1,700	2,124	2,295	125.0	150.0	2,655	3,443					
TYPE 52 CONN VALLEY HAVANA SEED															
MASS	180	170	1,880	2,000	338	340	98.0	110.0	331	374					
TOTAL 51-52	1,380	1,520	1,784	1,734	2,462	2,635	121.3	144.9	2,986	3,817					
CLASS 5B, WISCONSIN BINDER															
TYPE 54 SOUTHERN WISCONSIN															
WIS	6,200	6,200	2,020	1,800	12,524	11,160	84.6	100.5	10,595	11,216					
TYPE 55 NORTHERN WISCONSIN															
WIS	5,800	5,900	2,045	1,600	11,861	9,440	85.5	100.5	10,141	9,487					
TOTAL 54-55	12,000	12,100	2,032	1,702	24,385	20,600	85.0	100.5	20,736	20,703					
TYPE 51-55	13,380	13,620	2,007	1,706	26,847	23,235	88.4	105.5	23,722	24,520					
CLASS 6, CIGAR WRAPPER															
TYPE 61 CONN VALLEY SHADE-GROWN															
CONN	2,300	1,850	1,520	1,435	3,496	2,655	600.0	750.0	20,976	19,913					
MASS	980	860	1,600	1,300	1,568	1,118	600.0	750.0	9,408	8,385					
U S	3,280	2,710	1,544	1,392	5,064	3,773	600.0	750.0	30,384	28,298					
TYPE 62 FLA SHADE-GROWN															
FLA	140	0	1,630	0	228	0	400.0	0	912	0					
TOTAL 61-62	3,420	2,710	1,547	1,392	5,292	3,773	591.4	750.0	31,296	28,298					
ALL CIGAR TYPES															
TOTAL 41-62	31,800	30,730	1,929	1,791	61,329	55,028	118.4	127.7	72,592	70,246					
CLASS 7, MISC DOMESTIC TOBACCO															
TYPE 72 LOUISIANA PERIQUE															
LA	140	130	850	900	119	117	160.0	170.0	190	199					
ALL TOBACCO	957,500	949,060	1,997	2,135	1,912,114	2,026,124	118.6	132.4	2,268,359	2,681,700					

1/ ACREAGE, YIELD AND PRODUCTION ESTIMATES CARRIED FORWARD FROM CROP PRODUCTION ANNUAL SUMMARY, JANUARY 1979-REVISED ESTIMATES IF ANY WILL BE PUBLISHED IN CROP PRODUCTION, AUGUST 10, 1979. 2/ EVALUATED AT 124.5 CENTS PER POUND, THE AVERAGE OF AUCTION SALES THROUGH MAY 3, 1979.

COTTON

STATE	AREA PLANTED			AREA HARVESTED			YIELD			PRODUCTION		
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1,000 ACRES			1,000 ACRES			POUNDS			1,000 BALES 2/		
<b>COTTON, UPLAND</b>												
ALA	460.0	420.0	330.0	420.0	395.0	315.0	399	337	443	349.0	277.0	291.0
ARIZ	341.0	517.0	540.0	340.0	515.0	538.0	1,178	997	953	834.0	1,070.0	1,068.0
ARK	1,125.0	950.0	810.0	950.0	930.0	760.0	392	534	417	776.0	1,035.0	660.0
CALIF	1,130.0	1,400.0	1,480.0	1,120.0	1,390.0	1,455.0	1,064	964	640	2,482.0	2,790.0	1,940.0
FLA	7.4	6.2	3.8	7.1	6.1	3.6	514	425	506	7.6	5.4	3.8
GA	255.0	230.0	120.0	240.0	170.0	115.0	398	232	463	199.0	82.0	111.0
KY	1.8	.9	.3	1.3	.8	.0	258	420	0	.7	.7	.0
LA	570.0	545.0	515.0	560.0	540.0	510.0	474	583	450	553.0	656.0	478.0
MISS	1,530.0	1,380.0	1,180.0	1,470.0	1,360.0	1,150.0	376	581	575	1,151.0	1,645.0	1,378.0
MO	305.0	270.0	210.0	260.0	250.0	182.0	305	437	496	165.0	235.0	188.0
NEV	1.1	1.3	1.3	1.1	1.3	1.3	738	598	542	1.7	1.6	1.5
N MEX	68.0	131.0	137.0	64.0	128.0	109.0	523	603	443	70.0	161.0	101.0
N C	75.0	87.0	45.0	71.0	83.0	42.0	489	305	515	72.0	53.0	45.0
OKLA	350.0	535.0	605.0	335.0	520.0	585.0	251	402	292	175.0	436.0	355.0
S C	170.0	170.0	105.0	159.0	153.0	98.0	438	342	562	145.0	109.0	115.0
TENN	420.0	325.0	250.0	370.0	300.0	230.0	295	407	490	228.0	255.0	235.0
TEX	4,800.0	6,650.0	6,950.0	4,500.0	6,450.0	6,200.0	353	407	294	3,307.0	5,465.0	3,792.0
VA	.7	1.0	.2	.6	.7	.1	480	194	480	.6	.3	.1
U S	11,610.0	13,619.4	13,282.6	10,869.1	13,200.9	12,294.0	464	519	420	10,916.6	14,277.0	10,762.4
<b>COTTON, AMER-PIMA</b>												
ARIZ	30.3	42.4	34.3	30.0	42.3	34.2	804	738	754	50.3	65.0	53.7
CALIF	.1	.3	.1	.1	.3	.1	640	269	480	.1	.2	.1
N MEX	6.5	9.4	14.1	6.3	9.3	13.7	476	621	454	6.2	12.0	13.0
TEX	8.6	23.0	29.0	8.0	22.5	28.0	444	747	456	7.4	35.0	26.6
U S	45.5	75.1	77.5	44.4	74.4	76.0	692	724	590	64.0	112.2	93.4
<b>COTTON, ALL</b>												
U S	11,655.5	13,694.5	13,360.1	10,913.5	13,275.3	12,370.0	465	520	421	10,580.6	14,389.2	10,855.0

1/ PRODUCTION GINNED AND TO BE GINNED.  
2/ 480-LB. NET WEIGHT BALES.

COTTON: PRODUCTION, BALES GINNED, SEASON AVERAGE PRICE RECEIVED BY FARMERS  
AND VALUE OF PRODUCTION 1977 AND 1978

STATE	PRODUCTION IN 480-LB NET WEIGHT BALES		BALES GINNED AS REPORTED BY CENSUS (480-LB NET WEIGHT) 1/		PRICE PER POUND 2/		VALUE OF PRODUCTION 2/	
	1977	1978	1977	1978	1977 3/	1978 4/	1977 3/	1978 4/
	1,000 BALES		BALES		CENTS		1,000 DOLLARS	
UPLAND								
ALA	277	291	278,473	289,638	48.4	60.5	64,353	84,506
ARIZ	1,070	1,068	1,052,432	1,051,186	56.1	58.0	288,130	297,331
ARK	1,035	660	1,038,738	663,261	52.7	60.5	261,814	191,664
CALIF	2,790	1,940	2,809,703	1,956,575	56.0	63.3	749,952	589,450
FLA	5.4	3.8	5/	5/	48.0	60.0	1,244	1,094
GA	82	111	81,347	109,768	51.8	61.0	20,388	32,501
KY	.7	0	5/	0	49.0		165	0
LA	656	478	655,572	479,243	51.5	60.2	162,163	138,123
MISS	1,645	1,378	1,644,633	1,378,413	52.5	60.2	414,540	398,187
MO	235	188	231,999	184,396	53.4	60.6	60,235	54,685
NEV	1.6	1.5	5/	5/	57.0	60.0	438	432
N MEX	161	101	153,283	97,242	54.0	61.0	41,731	29,573
N C	53	45	53,139	47,539	50.5	65.4	12,847	14,126
OKLA	436	355	432,231	352,986	46.6	53.9	97,524	91,846
S C	109	115	108,290	112,516	54.1	63.3	28,305	34,942
TENN	255	235	253,930	234,048	49.0	61.8	59,976	69,710
TEX	5,465	3,792	5,474,830	3,795,792	49.7	54.6	1,303,730	993,807
VA	.3	.1	5/7,488	5/4,893	43.0	64.0	62	31
U S UPLAND	14,277.0	10,762.4	14,276,088	10,757,496	52.1	58.5	3,567,597	3,022,008
AMER-PIMA								
ARIZ	65.0	53.7	65,149	53,711	88.6	92.0	27,643	23,714
CALIF	.2	.1	0	0	88.6	92.0	85	44
N MEX	12.0	13.0	5,029	6,149	85.0	88.0	4,896	5,491
TEX	35.0	26.6	42,083	33,313	87.6	98.4	14,717	12,564
U S AMER-PIMA	112.2	93.4	112,261	93,173	87.9	93.3	47,341	41,813
U S ALL COTTON	14,389.2	10,855.8	14,388,349	10,850,669	52.3	58.8	3,614,938	3,063,821

1/ ACTUAL BALES GINNED, NOT ADJUSTED FOR CROSS-STATE MOVEMENT.

2/ PRICES BASED ON A 480-POUND NET WEIGHT BALE.

3/ INCLUDES ALLOWANCE FOR UNREDEEMED LOANS.

4/ AVERAGE TO APRIL 1, 1979 WITH NO ALLOWANCE FOR UNREDEEMED LOANS.

5/ FLORIDA, KENTUCKY, NEVADA AND VIRGINIA COMBINED.

COTTONSEED: PRODUCTION AND FARM DISPOSITION, 1977 AND 1978 1/

STATE	PRODUCTION		FARM DISPOSITION				USED FOR PLANTING 3/	
	1977	1978	SALES TO OIL MILLS		OTHER 2/		1978	1979
			1977	1978	1977	1978		
	THOUSAND TONS							
ALA	105	109	95	102	10	7	4.3	4.2
ARIZ	445	450	350	366	95	84	6.8	6.7
ARK	400	241	360	224	40	17	12.2	11.8
CALIF	1,100	824	1,000	775	100	49	19.9	21.3
FLA	2.3	1.5	2.0	1.4	.3	.1	4/	4/.1
GA	30	43	26	40	4	3	2.2	1.8
KY	.3	0	.3	0	0	0	4/	4/
LA	251	180	234	174	17	6	5.0	4.7
MISS	610	522	560	489	50	33	20.3	17.1
MO	94	75	84	69	10	6	4.4	4.0
NEV	.7	.7	.7	.6	0	.1	4/.1	4/
N MEX	68	44	58	40	10	4	2.1	2.3
N C	19	16	17	14	2	2	.7	.7
OKLA	165	143	140	131	25	12	5.8	6.6
S C	42	43	39	40	3	3	1.4	1.4
TENN	700	94	97	90	9	4	3.9	3.4
TEX	2,089	1,483	1,775	1,362	314	121	85.7	105.0
VA	.1	5/	.1		0		4/	4/
U S	5,521.4	4,269.2	4,832.1	3,918.0	689.3	351.2	174.8	191.1

COTTONSEED: SEASON AVERAGE PRICE RECEIVED BY FARMERS, VALUE OF PRODUCTION, AND VALUE OF SALES TO OIL MILLS, 1977 AND 1978 CROPS 1/

STATE	PRICE PER TON		VALUE OF PRODUCTION		VALUE OF SALES TO OIL MILLS	
	1977	1978	1977	1978	1977	1978
ALA	71.00	105.00	7,455	11,445	6,745	10,710
ARIZ	75.00	102.00	33,375	45,900	26,250	37,332
ARK	73.50	117.00	29,400	28,197	26,460	26,208
CALIF	76.00	121.00	83,600	99,704	76,000	93,775
FLA	77.00	125.00	177	188	154	175
GA	58.50	108.00	1,755	4,644	1,521	4,320
KY	74.50		22	0	22	0
LA	73.50	114.00	18,449	20,520	17,199	19,836
MISS	77.50	123.00	47,275	64,206	43,400	60,147
MO	67.50	97.00	6,345	7,275	5,670	6,693
NEV	78.00	110.00	55	77	55	66
N MEX	66.00	125.00	4,488	5,500	3,828	5,000
N C	65.00	115.00	1,235	1,840	1,105	1,610
OKLA	63.00	120.00	10,395	17,160	8,820	15,720
S C	68.00	111.00	2,856	4,773	2,652	4,440
TENN	74.50	115.00	7,450	10,810	6,780	10,350
TEX	64.00	110.00	133,696	163,130	113,600	149,820
VA	71.00	100.00	7	4	7	4
U S	70.30	114.00	388,035	485,373	340,268	446,206

1/ 1978 CROP PRELIMINARY.

2/ INCLUDES PLANTING SEED, EXPORTS, INTER-FARM SALES, SHRINKAGE, LOSSES AND OTHER USES.

3/ INCLUDED IN "OTHER" FARM DISPOSITION. PLANTING SEED FROM PREVIOUS YEARS' CROP.

4/ FLA, VA, KY AND NEV COMBINED.

5/ 36 TONS.

COTTON: ESTIMATED PERCENT PRODUCTION SOLD EACH MONTH OF THE MARKETING YEAR 1977 CROP 1/

STATE	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	TOTAL THROUGH JUL 2/
PERCENT													
ALA	0	4	15	19	12	10	8	7	4	6	2	1	88
ARIZ	0	1	7	14	22	27	9	4	3	3	2	2	94
ARK	0	12	24	16	10	6	4	7	3	5	3	2	92
CALIF	0	0	5	23	19	15	12	4	5	5	3	3	94
GA	0	0	12	6	5	5	5	5	4	5	4	5	56
LA	0	2	12	18	15	13	10	9	6	5	3	2	95
MISS	0	6	15	19	13	11	6	7	4	5	3	2	91
MO	0	15	30	13	9	2	2	7	3	4	2	2	89
OKLA	0	0	6	10	17	21	24	10	4	4	1	1	98
S C	0	2	15	17	13	10	6	2	2	3	2	3	75
TENN	0	7	25	17	8	8	6	5	5	6	4	4	95
TEX	5	6	8	7	12	19	7	7	3	7	4	2	87
U S 3/	2	5	10	14	14	16	8	7	4	6	3	2	91

COTTON: ESTIMATED PERCENT PRODUCTION SOLD EACH MONTH OF THE MARKETING YEAR 1978 CROP-PRELIMINARY 1/

STATE	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL THROUGH MAR 4/
PERCENT									
ALA	0	5	19	25	17	12	7	2	87
ARIZ	0	1	7	16	25	20	9	8	86
ARK	0	3	30	35	8	6	4	3	89
CALIF	0	0	7	28	20	12	6	2	75
GA	0	3	20	22	15	6	9	5	80
LA	0	2	21	34	15	11	4	3	90
MISS	0	1	31	33	10	9	5	1	90
MO	0	2	61	23	3	4	1	1	95
OKLA	0	0	3	6	15	20	25	15	84
S C	0	6	20	26	13	8	7	6	86
TENN	0	3	37	38	7	6	2	1	94
TEX	6	6	9	10	14	21	9	4	79
U S 3/	2	3	15	21	15	15	8	4	83

1/ PERCENTS OF FOUR-TENTHS OR LESS SHOWN AS "0".

2/ EXCLUDES UNREDEEMED LOANS ON AUGUST 1, 1978.

3/ A SMALL PERCENT FOR JULY IS INCLUDED IN AUGUST.

4/ EXCLUDES UNREDEEMED LOANS AND COTTON STILL IN PRODUCER'S HANDS ON APRIL 1, 1979.

FARM MARKETINGS OF TOBACCO, BY STATES, 1978 CROP YEAR, PERCENT BY MONTHS 1/

STATE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CLASS-FLUE CURED																		
ALA	100																	
FLA	25	56	19															
GA	23	46	29	2														
N C	1	30	27	34	8													
S C	8	41	27	24														
VA		17	27	36	20													
CLASS-FIRE CURED																		
KY							2	51	43	4								
TENN							7	47	43	9								
VA					13	43	36	8										
CLASS-AIR CURED																		
IND					34	29	36	1										
KY					36	31	30	2	1									
MD 2/																		
MO					18	30	27	25										
N C					42	37	21											
OHIO					32	25	40	3										
TENN					51	34	15											
VA					49	33	18											
W VA					36	32	32											

1/ INCLUDES CARRYOVER TOBACCO DELIVERED FROM FARM FOR FUTURE PAYMENT.

2/ MD SALES ARE NOT COMPLETE FOR THE 1978 CROP.



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I N D E X

	<u>PAGE</u>
ALMONDS . . . . .	13
BANANAS . . . . .	13
CITRUS FRUIT . . . . .	14
COTTON . . . . .	19
HAY STOCKS . . . . .	12
PAPAYAS . . . . .	13
PASTURE AND RANGE FEED CONDITION MAPS . . . . .	3
PASTURE AND RANGE FEED CONDITION TABLE . . . . .	12
PEACHES . . . . .	15
POTATOES . . . . .	15
TARO . . . . .	13
TOBACCO BY STATES . . . . .	16
TOBACCO BY CLASS AND TYPE . . . . .	17
TOBACCO, MONTHLY MARKETING WEIGHTS . . . . .	23
U S SUMMARY . . . . .	2
WHEAT, BY CLASSES . . . . .	11
WINTER WHEAT . . . . .	11

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