

CROP PRODUCTION

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HIGHLIGHTS

WINTER WHEAT production is forecast at a record high 2.08 billion bushels (56.6 million metric tons), as of May 1, 10 percent more than last year's production of 1.89 billion bushels (51.5 million metric tons). The 90 percent confidence interval for this production forecast is 1.84 to 2.32 billion bushels.

CITRUS production -- forecast at 14.8 million tons (13.4 million metric tons) -- is 1 percent below last month's forecast and 10 percent less than last season.

ORANGE production is forecast at 239 million boxes (9.29 million metric tons), down 2 percent from last month's forecast and 13 percent less than the 1979-80 season. As of May 1, 72 percent of the U.S. orange crop had been harvested.

GRAPEFRUIT production is forecast at 67.6 million boxes (2.50 million metric tons), up fractionally from the April 1 forecast but down 8 percent from last season. By the 1st of May, 88 percent of the crop had been picked.

LEMON production for California and Arizona is expected to total a record 31.0 million boxes (1.07 million metric tons), up 2 percent from last month's estimate and 49 percent higher than last season's output. Lemon harvest was 77 percent complete on May 1.

PEACH production in the nine Southern States is forecast at 657 million pounds (298 thousand metric tons), 11 percent more than last year.

SPRING POTATO production is forecast at 20.6 million cwt (934 thousand metric tons), down 2 percent from April 1 but 21 percent above last year's record low production.

**UNITED STATES CROP SUMMARY
(DOMESTIC UNITS)**

CROP AND UNIT		AREA HARVESTED		YIELD PER ACRE		PRODUCTION		
		1980	INDICATED:	1980	INDICATED:	1980	INDICATED	
			1981		1981		APR 1, 1981	MAY 1, 1981
		1,000 ACRES				1,000		
WINTER WHEAT	BU	51,374	57,775	36.8	36.0	1,891,251		2,078,137
SPRING POTATOES	CMT	72.6	78.4	235	263	17,072	21,056	20,592
PEACHES 1/	LB					589,000		656,500
ALMONDS (CALIF)	LB					322,000		380,000
HAY STOCKS ON FARMS	TON					33,346		25,500
PASTURE AND RANGE 2/	PCT			80	79			
						1979-80	1980-81	1980-81
CITRUS FRUITS 3/						273,830	243,050	238,850
ORANGES	BOX					73,200	67,300	67,600
GRAPEFRUIT	"					20,750	30,500	31,000
LEMONS	"							

1/ 9 SOUTHERN STATES. 2/ PASTURE AND RANGE FEED CONDITION AS OF FIRST OF MONTH. THE 1970-79 AVERAGE IS 80 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		
		1980	INDICATED:	1980	INDICATED:	1980	INDICATED	
			1981		1981		APR 1, 1981	MAY 1, 1981
		HECTARES				METRIC TONS		
WINTER WHEAT		20 790 540	23 380 960	2.48	2.42	51 471 420		56 557 620
SPRING POTATOES		29 380	31 730	26.36	29.44	774 370	955 080	934 030
PEACHES 1/						267 160		297 780
ALMONDS (CALIF)						146 060		172 360
HAY STOCKS ON FARMS:						30 250 980		23 133 210
						1979-80	1980-81	1980-81
CITRUS FRUITS 2/						10 740 160	9 455 590	9 292 290
ORANGES						2 708 850	2 485 690	2 497 480
GRAPEFRUIT						715 770	1 051 430	1 068 660
LEMONS								

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 the field offices and Washington headquarters.

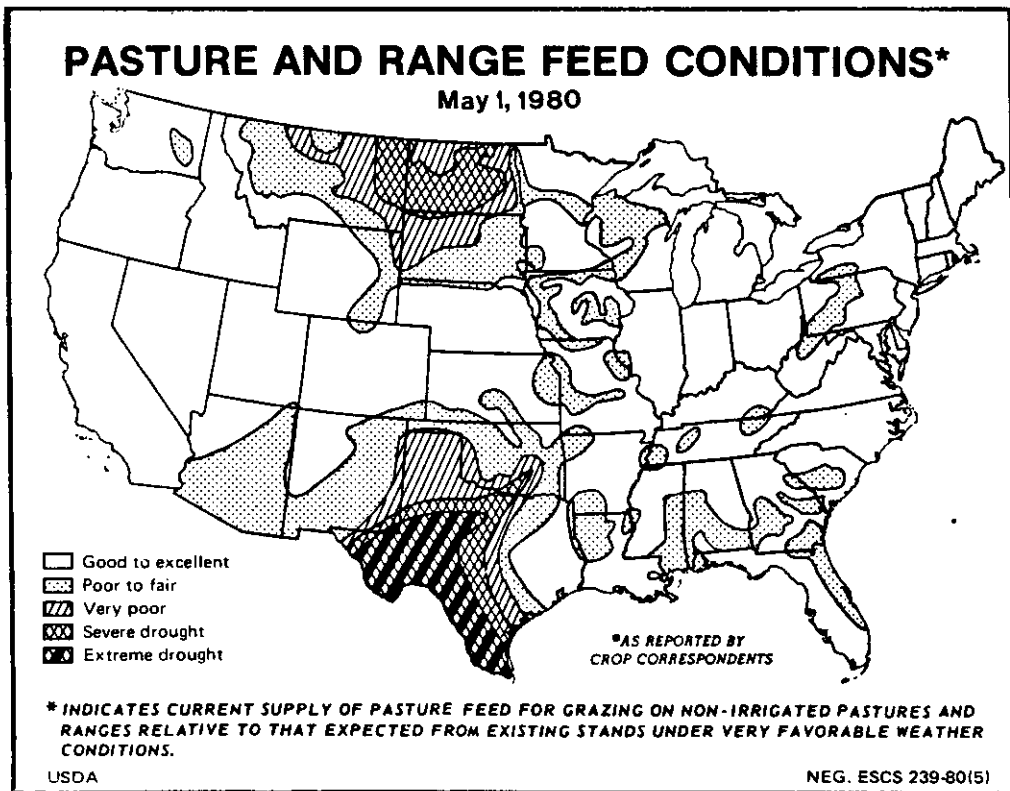
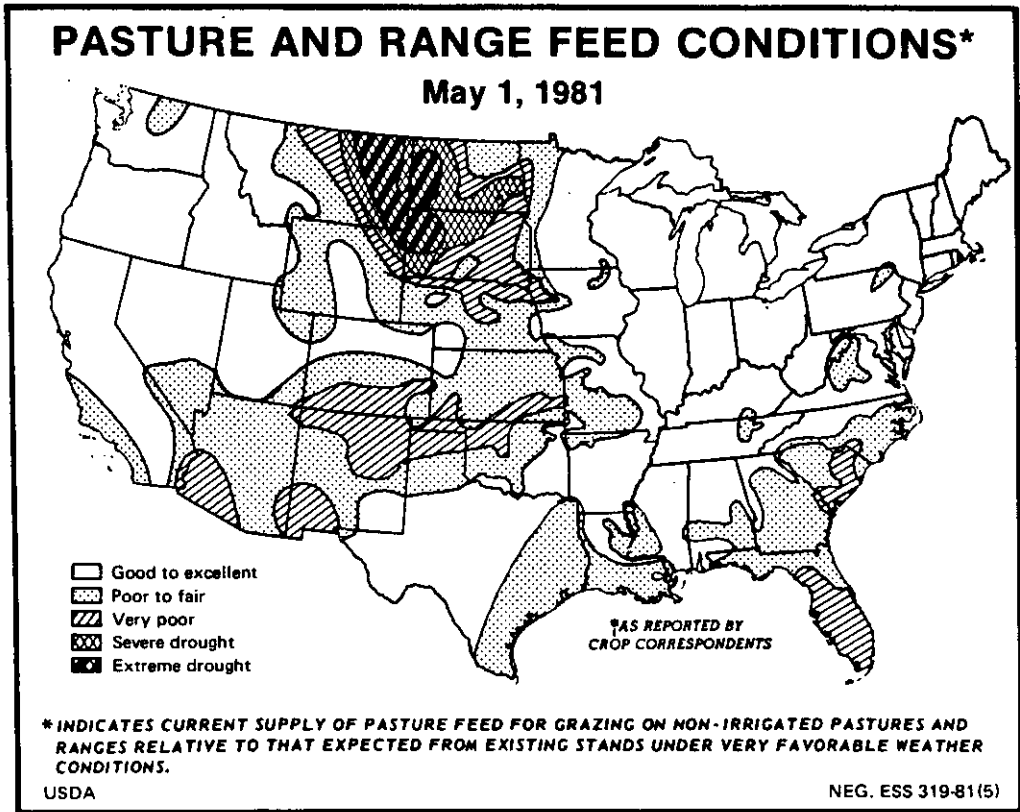
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APRIL WEATHER SUMMARY

Some rain fell in nearly all parts of the Nation. Only isolated areas in the Southwest were rainless. Most of western Texas had well above normal amounts of rain from showers and thunderstorms. Severe weather increased rapidly as the month progressed. Hail, high winds and tornadoes plagued many areas east of the Rockies and summerlike temperatures broke records from California across the South, in the central Plains and in the Midwest.

The first four days of the month were stormy as a cold front moved from the Rockies through the eastern United States. Thunderstorms triggered 10 tornadoes in Iowa and Wisconsin. High temperatures ahead of the front reached into the eighties as far north as New York State.

FIRST WEEK...A cold front, moving through the Pacific Northwest and into the northern Plains, brought cooler temperatures and gusty, westerly winds which blew dust across Montana. Ahead of the front, strong southerly winds through the central Plains caused the mercury to rise into the seventies in Minnesota. The front moved eastward through the northern States and triggered severe thunderstorms. Large hail and some tornadoes developed from Iowa to Pennsylvania.

SECOND WEEK...A succession of cold fronts moved from the northern Rockies through the eastern United States. Freezing temperatures reached into the central Plains early in the week and into the mid-Atlantic States later. As the cool air moved eastward it was replaced by unseasonably warm air--80° readings reached into the northern Plains. Showers and thunderstorms were widespread from the Southwest to the southern and central Plains, the middle Mississippi Valley, the Ohio Valley, and the mid- Atlantic States through New England. Heavy rain produced flooding in Texas and in southern Ohio; tornadoes twisted through areas from Oklahoma and Arkansas to southern Indiana. Strong south easterly winds blew dust back in Montana and the Dakotas.

THIRD WEEK...A low pressure system trailing a cold front southwestward, moved slowly from southern Alberta, Canada, across the northern tier of the United States. Some very welcome showers fell in the northern Plains but the amounts of rain were small. The southeastern States received rain after more than rainless weeks. Severe weather plagued the State of Texas almost every day and wet weather kept farmers out of the fields in many parts of the eastern United States. At the end of the week, temperatures were unseasonably warm, and readings of 90° in Missouri and Iowa set record highs..

FOURTH WEEK...The last week of April brought record breaking heat to the west, the South, the central Plains, and the Corn Belt. Thunderstorms produced hail in the Pacific Northwest and some snow fell in the higher elevations. Nearly all of the area east of the Rockies had showers or thunderstorms. Some heavy rains fell in east Texas and the northern Mississippi Valley and severe weather plagued the area from Minnesota to western Pennsylvania. Heavy rains in Pennsylvania caused local flooding. (Prepared by NOAA/USDA Joint Agriculture Weather Facility)

APRIL FIELDWORK

Land preparation and spring planting made rapid progress during the first half of April, but rain and wet fields in the eastern Corn Belt delayed outside activities during much of the second part of the month. By May 3 spring planting was ahead of schedule in all areas except the eastern Corn Belt.

Corn planting was active in the South at the beginning of April and got underway in the Corn Belt about midmonth. By May 3, 24% of the acreage was seeded, lagging last year's 36% and the 26% average. Many States were ahead of normal, but planting in the important Corn Belt States of Illinois, Indiana, Iowa, Michigan, Minnesota, and Ohio was slowed by rain and wet fields. In the western Corn Belt rapid progress was made during the last week of the month.

Cotton planting advanced to 45% by May 3, 11 points ahead of last year's progress. California planting was 94% finished and Arizona stood at 85%. All major States except Georgia, New Mexico, and Oklahoma were ahead of schedule. Rapid progress was made at the end of the month.

Spring wheat seeding reached 77% by May 3 compared with 72% last year, and well ahead of the average of 49% for the date. Montana producers seeded 30% of their acreage during the week ending May 3. Oats planting progress was ahead of normal throughout April. Emergence of spring planted grains in the northern Plains is spotty because of the lack of moisture.

Grain sorghum planting reached northward into Nebraska and parts of South Dakota, although most activity centered in southern areas. Planting in Texas was 71% finished by May 3, 9 points ahead of normal.

Rice seeding advanced to 68% by May 3, 6 points ahead of a year ago. Planting ranged from 20% complete in California to 93% in Texas.

Soybean planting was just getting underway by the end of the month. Most major producing States had some acreage seeded by May 3, but most planting activity centered in the South.

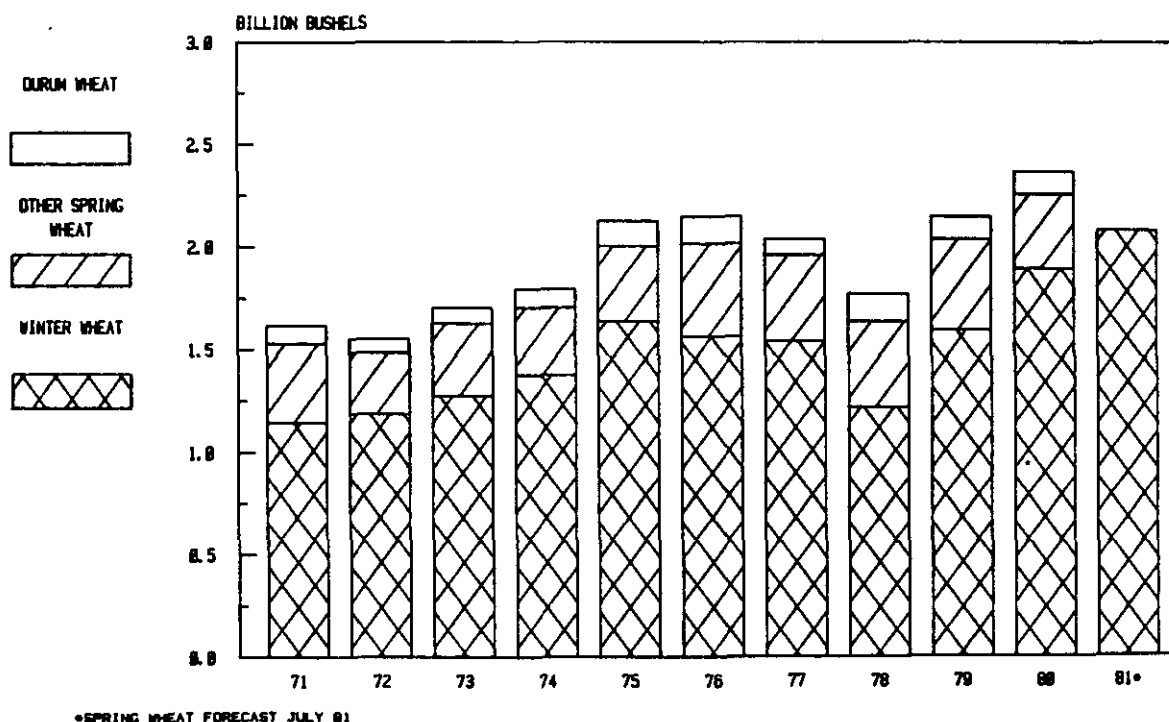
WINTER WHEAT: Production of winter wheat is forecast at a record high 2.08 billion bushels (56.6 million metric tons) based on May 1 conditions. This is 10 percent more than the previous record high of 1.89 billion bushels (51.5 million metric tons) set last year, and 30 percent more than two years ago. Record high acreage and the third highest yield both contributed to the record production forecast for 1981. The current production is 5 percent more than the December 1, 1980 forecast. Farmers expect to harvest more acres for grain and yield prospects have improved in many areas since December.

Yield per harvested acre this year is forecast at 36.0 bushels per acre, compared with 36.8 bushels last year, and the record high 36.9 bushels per acre two years ago.

Producers expect to harvest 57.8 million acres (23.4 million hectares) for grain, 12 percent more than last year and 33 percent more than two years ago. Indicated acres for harvest are 90 percent of the planted acres; last year, farmers harvested 89 percent of the planted acres.

Winter wheat was greening as far north as Montana by the end of March. Wind damage and winterkill appeared light as plants greened. By the end of April, winter wheat rated fair to mostly good in all major producing areas. In Kansas, development was 2 weeks ahead of average with heading 45 percent complete, compared with a 10 percent average. Small grains in Texas benefited greatly from rains near the end of April, although some dryland fields still had not recovered from earlier moisture shortages. Scattered fields were plowed up or grazed out. Early planted fields in Arizona were maturing rapidly, and harvesting was expected to get underway soon. In the northern Plains, wheat was in good condition but deteriorating because of drought stress. By the beginning of May, winter wheat was 37 percent headed in the 15 major producing States, compared with 8 percent last year.

U. S. WHEAT PRODUCTION



RELIABILITY OF MAY 1 WINTER WHEAT PRODUCTION FORECAST

The winter wheat production forecast in this report is based on mail and objective yield surveys conducted just prior to May 1. The mail surveys provided information on abandonment to date and condition of the crop which was used to estimate acres for harvest. Yield estimates are based on counts and measurements in a probability sample of wheat fields and on the condition of the crop as reported by farmers. Both surveys are subject to sampling and non-sampling errors common to all surveys. This production forecast is also subject to change due to growing conditions that may affect the crop after May 1.

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 1961-1980 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 6.7 percent. This means that chances are 2 out of 3 that the current production forecast of 2.08 billion bushels will not be above or below the final estimate by more than 6.7 percent or approximately 139 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 11.6 percent or approximately 241 million bushels. Differences between the May 1 winter wheat production forecast and the final estimate during the past 10 years have averaged 105 million bushels, ranging from 4 million in 1973 to 237 million bushels in 1974. The May 1 forecast was below the final estimate in 7 years and above in 3 years.

ORANGES: The Nation's orange crop is forecast at 239 million boxes (9.29 million metric tons), down 2 percent from last month's forecast and 13 percent less than the 1979-80 season.

Production in Florida is placed at 169 million boxes, 2 percent less than the April 1 forecast and 18 percent below last season's total. With harvest of Florida's early and mid-season varieties complete, the production estimate is 106 million boxes, 10 percent below the 1979-80 crop. The Valencia crop is now forecast at 63.0 million boxes, down 5 percent from last month and 29 percent below the 1979-80 production. Harvest of Valencias, 51 percent complete by May 1, was slow during April because of higher than normal acid levels.

Condition of new crop fruit and amount of new growth varies for both types of oranges depending on location and frequency of irrigation. Citrus groves continue dry and in need of rain.

Crop prospects for all oranges in California, at 63.0 million boxes, are down 2 percent from last month's forecast but 6 percent above last season. The Navel orange crop is now forecast at a record level of 36.0 million boxes, down 3 percent from April 1 but 10 percent above the previous record crop harvested in the 1979-80 season. As of May 1, 80 percent of California's Navel crop expected to be utilized had been harvested. California's Valencia crop forecast continues unchanged at 27.0 million boxes, the same as last season. Harvest is in the initial stages.

Texas orange production, forecast at 4.40 million boxes, is 9 percent above the 1979-80 season with harvest virtually complete. The Arizona all orange forecast is 2.85 million boxes, 7 percent below the April 1 forecast and 19 percent less than harvested last season. Arizona's orange harvest is 70 percent complete.

Changes in U.S. orange production between the May 1 forecast and final production have averaged 4.34 million boxes over the past 10 seasons, ranging from 1.21 million boxes in 1973-74 to 11.6 million boxes in 1976-77.

FLORIDA FROZEN CONCENTRATED JUICE YIELD: The 1980-81 crop projection for the Florida FCOJ yield is estimated at 1.20 gallons per box at 43.4 degree brix equivalent. The final yield for the 1979-80 crop was 1.39 gallons per box at 43.4 degrees equivalent.

CITRUS HARVEST AND UTILIZATION: By May 1, there were 173 million boxes of oranges harvested or 72 percent of the crop, compared with 69 percent on May 1, 1980. Processors had used 82 percent of the oranges harvested by May 1 this year, the same percentage as a year earlier.

Grapefruit harvest was 88 percent complete by May 1 compared with 86 percent on the same date last year. Processors had used 62 percent of the total crop harvested to May 1 compared with 63 percent of that harvested to May 1 last year.

Lemon harvest was 77 percent complete on May 1 compared with 71 percent on May 1, 1980. Processors had used 66 percent of the crop harvested by May 1 this year, compared with 50 percent as of the same date last year.

CITRUS CROP - HARVEST AND UTILIZATION TO MAY 1

CROP	1979-80			1980-81				
	UTILIZATION			REMAINING:	UTILIZATION			REMAINING
	FRESH	PROCESSED	TOTAL	FOR HARVEST	FRESH	PROCESSED	TOTAL	FOR HARVEST
	THOUSAND BOXES							
ORANGES	33,918	155,723	189,641	84,189	31,083	141,602	172,685	66,165
GRAPEFRUIT	23,418	39,355	62,773	10,427	22,844	36,697	59,541	8,059
LEMONS	7,370	7,348	14,718	6,032	8,002	15,821	23,823	7,177

GRAPEFRUIT: U.S. grapefruit production is placed at 67.6 million boxes (2.50 million metric tons), up fractionally from last month's forecast but down 8 percent from last season.

The Florida forecast is now 50.5 million boxes, up 1 percent from last month but 8 percent less than the 1979-80 crop. As of May 1 harvest was 96 percent complete compared with 95 percent a year ago. Picking is limited to the lower east coast as all other areas are complete. Groves in all areas are dry and in need of rain. This past month was the driest April in recent years and irrigation water supplies are getting low.

The Texas crop is placed at 6.80 million boxes, down 3 percent from last month's forecast and 14 percent below last season. Harvest was virtually complete by May 1. Temperatures have been mild and trees are in excellent condition. Recent rains have improved moisture supplies.

California prospects, at 7.30 million boxes, are unchanged from April 1 but 3 percent below last season. Harvest of Desert Valley grapefruit is now over one-half complete while picking in other areas is just underway. Fruit size is good and quality is excellent. The Arizona crop forecast continues at 3.00 million boxes, the same as harvested in 1979-80. Harvest was 70 percent complete as of May 1.

Changes in U.S. grapefruit production between the May 1 forecast and final production have averaged 1.25 million boxes over the past 10 seasons, ranging from 260 thousand boxes in 1970-71 to 2.10 million boxes in 1976-77.

LEMONS: The U.S. lemon crop is expected to total 31.0 million boxes (1.07 million metric tons), up 2 percent from last month's estimate and 49 percent higher than last season's output. The production forecast for California is now 24.0 million boxes, up 2 percent from the April 1 forecast and 36 percent above last season. Picking is active in southern coastal areas and the San Joaquin Valley, and is virtually complete in desert areas. The Arizona crop forecast continues at 7.00 million boxes, 130 percent more than the small crop of 3.05 million boxes harvested last season. Harvest is complete.

TANGELOS: The Florida tangelo crop is estimated at 4.90 million boxes (200 thousand metric tons), 2 percent less than the April 1 forecast and 23 percent below the 1979-80 season. Harvest is complete and updated marketing data were the basis for revising the estimate.

TANGERINES: The U.S. tangerine crop is set at 5.50 million boxes (215 thousand metric tons), 13 percent less than harvested in 1979-80. Harvest is complete in all States.

TEMPLES: Florida's temple crop is estimated at 3.60 million boxes (147 thousand metric tons), unchanged from last month but 40 percent below the 1979-80 production. Harvest is now complete.

PAPAYAS: Fresh papaya production in Hawaii is forecast at 4.80 million pounds (2180 metric tons) for May, down 9 percent from April. Heavy fresh production is expected this summer with monthly output to top the 5.00 million pound mark for the next three months. June's forecast of 5.61 million pounds (2540 metric tons) will be the largest fresh output since October 1978.

Record fresh papaya production continued in April with output estimated at 5.25 million pounds (2380 metric tons), 48 percent more than the previous April high set in 1977. Estimated cumulative fresh production through April has 1981's total nearly double that of 1980. Of the total area in crop during April, 66 percent or 2040 acres (830 hectares) was harvested.

PEACHES: The first forecast of peach production in the nine Southern States for 1981 is placed at 657 million pounds (298 thousand metric tons), 11 percent above last year's production and 3 percent higher than the 1979 crop. The peach crop in these States is sold predominantly for fresh market and normally accounts for well over one-third of the U.S. fresh peach utilization.

Larger crops are expected this year in all nine Southern States except North Carolina. South Carolina at 370 million pounds is up 4 percent from last year due to an excellent fruit set in nearly all areas. Georgia prospects are also excellent with the crop forecast at 135 million pounds, 13 percent above 1980. Prospects for Alabama, Arkansas and Texas are much improved from a year ago.

ALMONDS: The first forecast for the 1981 California almond crop is 380 million pounds (172 thousand metric tons) (shelled basis), 18 percent above last year's production. Weather conditions were generally favorable during bloom except for a period of rain occurring at the end of the Nonpareil bloom. Most areas of the San Joaquin and Sacramento Valleys expect better crops than last year.

POTATOES: Spring potato production in the U.S. is forecast at 20.6 million cwt (934 thousand metric tons), 2 percent below last month's forecast but 21 percent above last year's record low production. Compared with last month, yield prospects slipped 6 cwt to 263 cwt per acre due to reduced yields in California and North Carolina. However, this would still be the highest yield of record. It is 28 cwt above last year and 8 cwt above the previous record high set in 1979. Acreage intended for harvest, at 78.4 thousand acres (31.7 thousand hectares), is unchanged from last month and is 8 percent above the record low acreage harvested last year.

Production in California is forecast at 10.3 million cwt, down 2 percent from April 1, but 17 percent above 1980. Digging of California's spring crop is well underway. Fields which were harvested early produced smaller potatoes than did fields harvested later. Some fields have also been damaged slightly by hail. Overall, the crop is making excellent progress although cooler weather during April has slowed maturity somewhat.

The forecast for the Hastings area of Florida remains at 5.04 million cwt, 44 percent above the 1980 spring crop. Harvest was underway by the latter part of April with good volume being shipped by the last week of the month. Harvest should increase rapidly into May and continue heavy until late June. Early harvest size, quality and yields have been good.

Dry weather and frost damage since April 1 reduced North Carolina crop prospects 9 percent to 2.00 million cwt. Production in Arizona is forecast at 1.46 million cwt, 14 percent above 1980. Harvest is underway and is expected to extend into July. In Texas, expected production, at 900 thousand cwt, remained unchanged from April 1. In the Rio Grande Valley, where harvest is just getting underway, cool, wet conditions slowed crop development and increased disease problems. In the Winter Garden area, the crop is in good condition and is responding well to ample moisture supplies. In the Knox-Haskell area, the crop is progressing well with good moisture supplies and a minimum of insect and disease problems.

PASTURE AND RANGE FEED: The May 1 pasture and range feed condition for the 48 contiguous States was 79 percent, 1 point below both last year and the 1970-79 average for the date. Conditions were less favorable than a year ago in 30 States, better in 14 and equal to last year in 4 States. Compared with last month, conditions generally improved or remained the same in all States except California, Florida, Idaho, Oregon and Washington. However, conditions in the aforementioned Western States continued in the good to excellent range. The western part of the Dakotas and the eastern portion of Montana continue to be plagued with very dry conditions. The average condition in North Dakota is 47 percent compared with 48 percent last year and the ten-year average of 70 percent. South Dakota's condition, at 52 percent, is off 18 points from a year ago and Montana, at 63 percent, is off 5 points. Rain was received over much of the eastern half of the Nation during April and on May 1 conditions in all States east of the Mississippi except Florida, Georgia and South Carolina were in the good to excellent range. Range and pasture conditions across Texas continued to improve during April as adequate moisture and warm temperatures promoted good growth of grasses.

HAY STOCKS ON FARMS: May 1 stocks of hay on farms totaled 25.5 million tons (23.1 million metric tons), 24 percent below last year's record high and 15 percent below May 1, 1979. Disappearance during the January - April period was 66.5 million tons (60.3 million metric tons), 11 percent less than during the comparable period a year earlier.

TOBACCO 1980 REVISED: Production of all tobacco in the U.S. in 1980 totaled 1.78 billion pounds (807 thousand metric tons), 17 percent above 1979's 1.53 billion pounds (692 thousand metric tons). Area harvested, at 915 thousand acres (370 thousand hectares), rose 87 thousand acres from the 827 thousand acres (335 thousand hectares) harvested in 1979. Yield averaged 1945 pounds per acre compared with 1845 pounds per acre the previous year.

Flue-cured production at 1.09 billion pounds (493 thousand metric tons) climbed 15 percent above the 946 million pounds (429 thousand metric tons) harvested in 1979. Harvested acreage of 552 thousand acres (223 thousand hectares) was 10 percent larger than 1979. Yield rose to 1968 pounds per acre from 1979's ten year low of 1881 pounds per acre.

Burley production is placed at 558 million pounds (253 thousand metric tons), 25 percent above the 1979 crop. The 1980 crop was produced on 277 thousand acres (112 thousand hectares) compared with 238 thousand acres (96.4 thousand hectares) the previous year. Yield per acre at 2013 pounds increased 140 pounds from 1979.

Fire-cured production fell 20 percent from the previous year to 36.3 million pounds (16.5 thousand metric tons). Production was off in all States with Virginia registering the largest percentage decline 33--percent. Yield averaged 1559 pounds per acre, 115 pounds less than in 1979. Area harvested was down 3630 acres.

Southern Maryland produced 22.6 million pounds (10.2 thousand metric tons) of tobacco, 2 percent above 1979. An increase in acres harvested more than offset a reduction in yield per harvested acre. Auction sales for the 1980 crop opened in March 1981 and will close in May. Revisions if any will be published in the August Crop Production Report.

Dark air-cured producers grew 16.6 million pounds (7540 metric tons) of tobacco, 1 percent fewer pounds than in 1979. Acreage harvested was 5 percent below a year earlier. Yield averaged 1716 pounds per acre compared with 1633 pounds per acre in 1979.

Cigar-filler growers produced 27.1 million pounds (12.3 thousand metric tons) on 14.4 thousand acres (5830 hectares). The 1979 crop totaled 19.6 million pounds (8910 metric tons) and was harvested from 12.5 thousand acres (5060 hectares).

Cigar-binder production is estimated at 28.3 million pounds (12.8 thousand metric tons), 3 percent above 1979's production of 27.5 million pounds (12.5 thousand metric tons). Yield per acre was up 39 pounds and acreage increased 120 acres from 1979.

Cigar-wrapper output totaled 4.52 million pounds (2050 metric tons), 13 percent above 1979. Acreage was up 10 percent and yield per harvested acre increased 41 pounds from a year earlier.

COTTON, 1980 REVISED: United States cotton production totaled 11.1 million bales in 1980, 24 percent less than in 1979, but 2 percent above 1978 production. Upland cotton accounted for 11.0 million bales and American-Pima 104 thousand bales. The decline in production from 1979 was a result of lower yields in all States except Arizona, Florida and New Mexico, which more than offset a 3 percent increase in harvested acres. The United States average yield per acre was 404 pounds, 143 less than the record high 547 pounds in 1979. Planting was completed on schedule in most areas but cool weather during May retarded development of cotton plants in the southeastern and western States. After mid-June, non-irrigated cotton was frequently under stress from drought and high temperatures throughout most of the producing belt. Conditions were extremely severe in the Plains of Texas and Oklahoma resulting in large acreages being abandoned. Growers in Arizona and California delayed harvest as the extended growing season promoted development of the top crop.

Planted acreage in 1980 totaled 14.5 million acres (5.88 million hectares), 4 percent more than in 1979. Abandonment amounted to 9.1 percent of the planted acreage resulting in a harvested acreage of 13.2 million acres (5.35 million hectares). Cottonseed production totaled 4.47 million tons (4.06 million metric tons) compared with 5.78 million tons (5.24 million metric tons) in 1979.

The Bureau of the Census reported 10,824,242 running bales ginned from the 1980 crop, 24 percent less than in 1979. Ginnings totaled 11,115,225 equivalent 480-pound net weight bales.

The preliminary 1980 season average price for lint is 76.4 cents per pound, up 13.0 cents from the 1979 season average price. Average price for cottonseed was \$129.00 per ton in 1980 compared with \$121.00 for the 1979 crop. Value of lint and seed for the 1980 crop totaled \$4.66 billion, 10 percent below 1979.

WINTER WHEAT

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	IND 1981	1979	1980	IND 1981	1979	1980	IND 1981
	1,000 ACRES	1,000 ACRES	1,000 ACRES	BUSHELS	BUSHELS	BUSHELS	1,000 BUSHELS	1,000 BUSHELS	1,000 BUSHELS
ALA	145	235	450	26.0	24.5	26.0	3,770	5,758	11,700
APIZ	55	60	48	78.0	80.0	76.0	4,290	4,800	3,648
ARK	420	820	1,585	35.0	34.0	37.0	14,700	31,160	58,645
CALIF	755	1,050	1,250	70.0	74.0	76.0	52,850	77,700	95,000
COLO	2,600	3,350	3,100	26.0	32.0	28.0	67,600	107,200	86,800
DEL	21	27	40	34.0	40.0	37.0	714	1,080	1,480
GA	175	600	875	35.0	33.0	28.0	6,125	19,800	24,500
IDAHO	850	910	420	42.0	57.0	56.0	35,700	51,870	45,920
ILL	1,250	1,570	1,760	43.0	48.0	48.0	53,750	75,360	84,480
IND	945	1,100	1,350	47.0	49.0	50.0	44,415	53,900	67,500
IOWA	60	92	110	37.0	34.0	37.0	2,220	3,496	4,070
KANS	10,800	12,000	12,900	38.0	35.0	32.0	410,400	420,000	412,800
KY	290	350	590	38.0	39.5	40.0	11,020	13,825	23,600
LA	26	67	170	28.0	28.0	30.0	728	1,876	5,100
MO	90	97	129	37.0	38.0	37.0	3,330	3,686	4,773
MICH	735	800	820	43.0	44.0	43.0	31,605	35,200	35,260
MINN	51	69	120	35.0	34.0	34.0	1,785	2,346	4,080
MISS	115	250	425	32.0	31.0	34.0	3,680	7,750	14,450
MO	1,600	2,070	2,950	44.0	43.0	44.0	70,400	89,010	129,800
MONT	2,250	2,150	2,350	25.5	25.5	29.0	57,375	54,825	68,150
NEBR	2,550	2,950	3,050	34.0	38.0	36.0	86,700	112,100	109,800
NEV	11	12	13	70.0	65.0	65.0	770	780	845
N J	41	43	54	36.0	43.0	41.0	1,476	1,849	2,214
N MEX	410	500	440	22.0	21.0	20.0	9,020	10,500	8,800
N Y	160	150	160	41.0	40.0	40.0	6,560	6,000	6,400
N C	210	300	405	36.0	35.0	31.0	7,560	10,500	12,555
N DAK	120	70	110	22.0	15.0	23.0	2,640	1,050	2,530
OHIO	1,320	1,370	1,520	48.0	49.0	53.0	63,360	67,130	80,560
OKLA	5,700	6,500	6,800	38.0	30.0	29.0	216,600	195,000	197,200
OREG	1,000	1,200	1,130	48.0	60.0	58.0	48,000	72,000	65,540
PA	235	250	250	31.0	37.0	33.0	7,285	9,250	8,250
S C	100	192	300	33.0	36.0	29.0	3,300	6,912	8,700
S DAK	550	950	1,100	19.0	22.0	22.0	10,450	20,900	24,200
TENN	250	350	520	34.0	38.0	39.0	8,500	13,300	20,280
TEX	4,600	5,200	6,400	30.0	25.0	28.0	138,000	130,000	179,200
UTAH	242	242	233	24.0	31.0	30.0	5,808	7,502	6,990
VA	180	246	370	35.0	37.0	36.0	6,300	10,582	13,320
WASH	2,200	2,750	2,700	43.0	52.0	51.0	94,600	143,000	137,700
W VA	10	9	10	34.0	38.0	33.0	340	342	330
WIS	36	84	93	43.0	41.5	44.0	1,634	3,652	4,092
WYO	267	295	275	22.0	28.0	25.0	5,874	8,260	6,875
U S	43,427	51,374	57,775	36.9	36.8	36.0	1,601,234	1,891,251	2,078,137

WHEAT PRODUCTION BY CLASSES, UNITED STATES

YEAR	WINTER			SPRING			TOTAL
	HARD RED	SOFT RED	WHITE	HARD RED	DURUM	WHITE	
	1,000 BUSHELS						
1978	829,908	188,920	203,618	379,694	133,328	40,056	1,775,524
1979	1,088,918	316,698	195,618	362,891	106,654	63,281	2,134,060
1980	1,184,811	427,530	278,910	311,226	108,395	58,794	2,369,666
1981 1/	1,241,454	575,070	261,613				

1/ INDICATED MAY 1, 1981. WHEAT CLASS ESTIMATES ARE BASED ON VARIETY SURVEY DATA AT THE STATE LEVEL. THE CLASS PERCENTAGES ARE ADJUSTED AS DATA BECOME AVAILABLE. SOME ADJUSTMENTS MAY OCCUR BEGINNING WITH THE JUNE REPORT.

HAY STOCKS ON FARMS - MAY 1

STATE	1979	1980	1981	STATE	1979	1980	1981
	1,000 TONS				1,000 TONS		
ALA	177	202	113	NEV	163	216	164
ARIZ	80	77	25	N H	40	38	43
ARK	208	373	122	N J	85	80	31
CALIF	765	620	542	N MEX	66	108	114
COLO	484	715	590	N Y	1,112	1,329	1,389
CONN	42	31	34	N C	156	131	89
DEL	9	12	7	N DAK	1,697	1,526	479
FLA	87	87	66	OHIO	930	905	502
GA	152	257	74	OKLA	252	714	440
IDAHO	1,083	619	835	OREG	527	360	723
ILL	765	866	747	PA	1,210	987	795
IND	372	424	375	R I	4	4	4
IOWA	1,955	2,362	2,090	S C	107	118	46
KANS	755	993	719	S DAK	2,640	2,801	2,036
KY	664	658	416	TENN	421	566	406
LA	48	102	31	TEX	704	1,641	993
MAINE	84	81	83	UTAH	358	304	453
MD	156	154	113	VT	179	220	248
MASS	51	66	41	VA	410	480	325
MICH	1,003	1,150	769	WASH	765	424	578
MINN	1,937	1,871	1,210	W VA	252	172	156
MISS	143	142	83	WIS	3,374	3,767	2,760
MO	1,027	1,367	715	WYO	308	489	592
MONT	869	909	917				
NEBR	1,432	1,828	1,417	U S	30,108	33,346	25,500

PASTURE AND RANGE FEED CONDITION 1/

STATE	AVERAGE	1980	1981	STATE	AVERAGE	1980	1981
	1970-79				1970-79		
	PERCENT				PERCENT		
ALA	81	82	80	NEV	79	87	91
ARIZ	77	74	68	N H	87	97	97
ARK	84	86	88	N J	83	87	83
CALIF	74	93	86	N MEX	70	76	60
COLO	74	68	73	N Y	85	86	86
CONN	88	97	91	N C	86	91	81
DEL	86	92	86	N DAK	70	48	47
FLA	70	84	67	OHIO	86	88	92
GA	80	83	72	OKLA	79	72	74
IDAHO	80	89	92	OREG	81	95	94
ILL	87	86	90	PA	84	85	87
IND	88	87	93	R I	88	98	95
IOWA	81	81	83	S C	80	83	71
KANS	83	85	72	S DAK	76	70	52
KY	88	88	92	TENN	86	89	89
LA	80	82	76	TEX	70	59	79
MAINE	87	98	97	UTAH	76	91	86
MD	83	89	84	VT	87	97	97
MASS	86	96	95	VA	84	93	85
MICH	86	87	92	WASH	80	88	87
MINN	91	83	80	W VA	77	84	85
MISS	83	84	83	WIS	84	77	88
MO	83	83	77	WYO	81	84	71
MONT	79	68	63				
NEBR	82	86	68	U S	80	80	79

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 1979	TOTAL 1980	IND 1981
			1,000 POUNDS
CALIF	376,000	322,000	380,000

PAPAYAS - HAWAII

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED		1980	1981	FORECAST 1981
	1980	1981	1980	1981			
	ACRES				1,000 POUNDS		
MAR	2,915	3,015	1,935	1,960	1,921	5,170	
APR	2,950	3,090	2,005	2,040	2,810	5,250	
MAY	2,970		2,035		4,090		4,800
JUN	3,085		2,035		4,012		5,610
JUL	2,955		1,895		4,016		5,120
AUG	3,000		1,925		3,497		5,080
CUMULATIVE FRESH PRODUCTION JAN-APR					9,624	18,900	

HAWAII

CROP	AREA HARVESTED			YIELD			PRODUCTION		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	ACRES			1,000 POUNDS					
BANANAS	580	630	580	9.8	8.8	7.9	5,700	5,550	4,600
PAPAYAS	2,190	2,210	1,950	29.2	18.6	25.1	64,000	41,015	48,916
TARO	450	400	320	17.1	16.6	20.0	7,680	6,640	6,400

CITRUS FRUIT

1/

CROP	PRODUCTION BOXES			PRODUCTION TON EQUIVALENT		
	UTILIZED	INDICATED		UTILIZED	INDICATED	
AND STATE	1978-79	1979-80	1980-81	1978-79	1979-80	1980-81
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVEL 3/						
ARIZ 4/	700	850	900	26	32	34
CALIF	20,800	32,600	36,000	780	1,223	1,350
FLA	91,000	117,900	105,600	4,095	5,306	4,752
TEX 4/	4,300	2,300	2,600	183	98	110
U S	116,800	153,650	145,100	5,084	6,659	6,246
ORANGES, VALENCIA						
ARIZ	2,200	2,650	1,950	83	99	73
CALIF	16,500	27,000	27,000	619	1,012	1,012
FLA	73,000	88,800	63,000	3,285	3,996	2,385
TEX	2,100	1,730	1,800	89	73	77
U S	93,800	120,180	93,750	4,076	5,180	3,997
ALL ORANGES						
ARIZ	2,900	3,500	2,850	109	131	107
CALIF	37,300	59,600	63,000	1,399	2,235	2,362
FLA	164,000	206,700	168,600	7,380	9,302	7,587
TEX	6,400	4,030	4,400	272	171	187
U S	210,600	273,830	238,850	9,160	11,839	10,243
TEMPLES						
FLA	4,700	6,000	3,600	212	270	162
GRAPEFRUIT, WHITE SEEDLESS						
FLA	29,400	31,100	28,700	1,250	1,322	1,220
GRAPEFRUIT, PINK SEEDLESS						
FLA	13,300	15,800	14,500	565	671	616
OTHER GRAPEFRUIT						
FLA	7,300	7,900	7,300	310	336	310
ALL GRAPEFRUIT						
ARIZ	2,250	3,000	3,000	72	96	96
CALIF						
DESERT	3,260	4,200	3,800	104	134	122
OTHER AREAS	2,870	3,300	3,500	96	111	117
TOTAL	6,130	7,500	7,300	200	245	239
FLA	50,000	54,800	50,500	2,125	2,329	2,146
TEX	9,000	7,900	6,800	360	316	272
U S	67,380	73,200	67,600	2,757	2,986	2,753
TANGERINES						
ARIZ	450	750	800	17	28	30
CALIF 4/	1,450	1,650	1,700	54	62	64
FLA	3,500	3,900	3,000	166	185	143
U S	5,400	6,300	5,500	237	275	237
LEMONS						
ARIZ	5,500	3,050	7,000	209	116	266
CALIF	14,100	17,700	24,000	536	673	912
U S	19,600	20,750	31,000	745	789	1,178
TANGELOS						
FLA	4,200	6,400	4,900	189	288	221

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/ NAVEL 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			PRODUCTION 48 LB. EQUIVALENT		
	TOTAL	1/ INDICATED	INDICATED	TOTAL	1/ INDICATED	INDICATED
	1979	1980	1981	1979	1980	1981
	MILLION UNITS			1,000 UNITS		
PEACHES						
ALA	20.0	14.0	20.0	417	292	417
ARK	36.0	28.0	40.0	750	583	833
GA	135.0	120.0	135.0	2,813	2,500	2,813
LA	7.0	4.0	7.0	146	83	146
MISS	3.0	2.5	5.5	63	52	115
N C	50.0	45.0	40.0	1,042	938	833
OKLA	11.0	8.0	9.0	229	167	188
S C	350.0	355.0	370.0	7,292	7,396	7,708
TEX	23.0	12.5	30.0	479	260	625
9 SOUTHERN STATES	635.0	589.0	656.5	13,231	12,271	13,678

1/ INCLUDES UNHARVESTED PRODUCTION AND EXCESS COLLAGE
(MILLION POUNDS): 9 SOUTHERN STATES, 1979-8.5, 1980-0.5.

SPRING POTATOES

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1979	1980	IND 1981	1979	1980	IND 1981	1979	1980	IND 1981
	1,000 ACRES			CWT			1,000	CWT	
ALA	7.3	6.0	4.0	140	105	150	1,022	630	600
ARIZ	6.2	4.4	5.2	210	290	280	1,302	1,276	1,456
CALIF	28.0	22.5	26.4	395	390	390	11,060	8,775	10,296
FLA-HASTINGS:	18.5	18.0	21.0	230	195	240	4,255	3,510	5,040
-OTHER	.9	.8	1.0	180	170	185	162	136	185
LA 1/	2.0	1.7	1.5	75	70	80	150	119	120
N C	13.7	13.0	13.3	165	140	150	2,261	1,820	1,995
TEX	7.1	6.2	6.0	160	130	150	1,136	806	900
U S	83.7	72.6	78.4	255	235	263	21,348	17,072	20,592

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

TOBACCO

STATE	AREA HARVESTED		YIELD		PRODUCTION	
	1979	1980	1979	1980	1979	1980
	ACRES		POUNDS		1,000 POUNDS	
ALA	500	510	1,650	1,620	825	826
CONN	3,200	3,500	1,539	1,601	4,925	5,602
FLA	10,300	10,300	2,250	1,975	23,175	20,343
GA	53,000	55,000	1,905	2,010	100,965	110,550
IND	6,100	7,300	1,950	2,300	11,895	16,790
KY	173,700	200,900	1,976	2,075	343,145	416,962
LA	80	80	700	700	56	56
MD	19,500	21,000	1,130	1,075	22,035	22,575
MASS	990	1,800	1,500	1,582	1,485	1,867
MO	2,500	2,500	2,405	2,105	6,013	5,263
N C	337,800	378,800	1,840	2,011	621,426	761,705
OHIO	9,800	11,200	1,435	1,788	14,063	20,020
PA	11,200	13,000	1,580	1,900	17,696	24,700
S C	57,000	65,000	2,065	1,930	117,705	125,450
TENN	60,090	64,760	1,745	1,728	104,829	111,937
VA	67,240	65,290	1,630	1,636	109,603	106,791
W VA	1,300	1,500	1,275	1,500	1,658	2,250
WIS	12,900	12,800	1,942	1,978	25,050	25,316
U S	827,200	914,620	1,845	1,945	1,526,549	1,778,997

TOBACCO

STATE	SEASON AVERAGE PRICE PER POUND RECEIVED BY FARMERS		VALUE OF PRODUCTION	
	1979	1980	1979	1980
	CENTS		1,000 DOLLARS	
ALA	133.5	135.8	1,101	1,122
CONN	573.9	632.0	28,263	35,427
FLA	135.0	145.0	31,286	29,497
GA	141.0	139.5	142,361	154,217
IND	145.0	166.0	17,248	27,871
KY	142.7	163.7	489,813	682,480
LA	175.0	200.0	98	112
MD	139.7	1/	30,783	38,332
MASS	649.9	762.0	9,651	14,222
MO	141.5	162.0	8,508	8,526
N C	139.6	146.7	867,253	1,117,695
OHIO	137.8	159.0	19,382	31,829
PA	72.0	87.0	12,741	21,489
S C	141.5	139.5	166,553	175,003
TENN	137.6	161.0	144,275	180,221
VA	139.6	145.8	152,979	155,720
W VA	142.0	165.5	2,354	3,724
WIS	117.0	125.0	29,309	31,646
U S	141.1	152.3	2,153,958	2,709,133

1/ EVALUATED AT 169.8 CENTS PER POUND, THE AVERAGE OF AUCTION SALES THROUGH MAY 4, 1981.

TOBACCO BY CLASS AND TYPE

CLASS AND TYPE	AREA HARVESTED			YIELD			PRODUCTION			SEASON AV PRICE PER LB : RECEIVED BY FARMERS			VALUE OF PRODUCTION		
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	
	ACRES			POUNDS			1,000 POUNDS			CENTS			1,000 DOLLARS		
CLASS 1, FLUE-CURED															
TYPE 11, OLD AND MIDDLE BELTS															
N C	129,000	139,000	1,765	1,765	227,685	245,335	139.3	143.9	317,165	353,037					
VA	52,000	51,000	1,735	1,650	90,220	84,150	141.2	142.3	127,391	119,745					
U S	181,000	190,000	1,756	1,734	317,905	329,485	139.8	143.5	444,556	472,782					
TYPE 12, EASTERN N C BELT															
N C	162,000	185,000	1,865	2,170	302,130	401,450	139.3	147.6	420,867	592,540					
TYPE 13, N C BORDER & S C BELT															
N C	39,000	46,000	2,130	2,130	83,070	97,980	141.1	147.0	117,212	144,031					
S C	57,000	65,000	2,065	1,930	117,705	125,450	141.5	139.5	166,553	175,003					
U S	96,000	111,000	2,091	2,013	200,775	223,430	141.3	142.8	283,765	319,034					
TYPE 14, GA-FLA BELT															
ALA	500	510	1,650	1,620	825	826	133.5	135.8	1,101	1,122					
FLA	10,300	10,300	2,250	1,975	23,175	20,343	135.0	145.0	31,286	29,497					
GA	53,000	55,000	1,905	2,010	100,965	110,550	141.0	139.5	142,361	154,217					
U S	63,800	65,810	1,959	2,002	124,965	131,719	139.8	140.3	174,748	184,836					
TOTAL 11-14	502,800	551,810	1,881	1,968	945,775	1,086,084	140.0	144.5	1,323,936	1,569,192					
CLASS 2, FIRE-CURED															
TYPE 21, VA BELT															
VA	4,800	3,900	1,135	935	5,448	3,647	107.9	128.1	5,878	4,672					
TYPE 22, EASTERN DISTRICT															
KY	5,400	4,300	1,850	1,640	9,990	7,052	114.5	138.4	11,439	9,760					
TENN	11,800	10,600	1,765	1,745	20,827	18,497	116.7	143.6	24,305	26,562					
U S	17,200	14,900	1,792	1,715	30,817	25,549	116.0	142.2	35,744	36,322					
TYPE 23, WESTERN DISTRICT															
KY	4,200	3,900	1,800	1,580	7,560	6,162	112.4	131.1	8,497	8,078					
TENN	690	560	1,710	1,610	1,180	902	112.4	118.1	1,326	1,065					
U S	4,890	4,460	1,787	1,584	8,740	7,064	112.4	129.4	9,823	9,143					
TOTAL 21-23	26,890	23,260	1,674	1,559	45,005	36,260	114.3	138.3	51,445	50,137					
CLASS 3, AIR-CURED															
CLASS 3A, LIGHT AIR-CURED															
TYPE 31, BURLEY															
IND	6,100	7,300	1,950	2,300	11,895	16,790	145.0	166.0	17,248	27,871					
KY	155,000	185,000	2,000	2,110	312,000	390,350	145.8	166.0	454,896	647,981					
MO	2,500	2,500	2,405	2,105	6,013	5,263	141.5	162.0	8,508	8,526					
N C	7,800	8,800	1,095	1,925	16,940	16,940	140.6	165.8	12,009	28,087					
OHIO	8,500	9,800	1,425	1,800	12,113	17,640	146.0	166.0	17,685	29,282					
TENN	46,000	52,000	1,745	1,725	80,270	89,700	144.0	165.8	115,589	148,723					
VA	9,900	10,000	1,350	1,860	13,365	18,600	143.6	165.6	19,192	30,802					
W VA	1,300	1,500	1,275	1,500	1,658	2,250	142.0	165.5	2,354	3,724					
U S	238,100	276,900	1,873	2,013	445,855	557,533	145.2	165.9	647,481	924,996					
TYPE 32, SOUTHERN MD BELT															
MD 1/	19,500	21,000	1,130	1,075	22,035	22,575	139.7	2/	30,783	38,332					
TOTAL 31-32	257,600	297,900	1,816	1,947	467,890	580,108	145.0	166.1	678,264	963,328					

TOBACCO BY CLASS AND TYPE (CONTINUED)

CLASS AND TYPE	AREA HARVESTED		YIELD		PRODUCTION		SEASON AV PRICE PER LB :			VALUE OF PRODUCTION		
	:		:		:		: RECEIVED BY FARMERS :			:		
	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
	ACRES		POUNDS		1,000 POUNDS		CENTS			1,000 DOLLARS		
CLASS 3B, DARK AIR-CURED												
TYPE 35, ONE SUCKER BELT												
KY	5,500	1,680	1,740	9,240	9,570	112.5	123.5	10,395	11,819			
TENN	1,600	1,595	1,770	2,832	2,832	119.7	136.7	3,055	3,871			
U S	7,100	1,661	1,747	11,792	12,402	114.1	126.5	13,450	15,690			
TYPE 36, GREEN RIVER BELT												
KY	2,600	1,675	1,740	4,355	3,828	105.3	126.5	4,586	4,842			
TYPE 37, VA SUN-CURED BELT												
VA	540	390	1,010	570	394	90.8	127.1	518	501			
TOTAL 35-37	10,240	9,690	1,716	16,717	16,624	111.0	126.5	18,554	21,033			
CLASS 4, CIGAR FILLER												
TYPE 41, PA SEEDLEAF												
PA	11,200	13,000	1,900	17,696	24,700	72.0	87.0	12,741	21,489			
TYPE 42-44, OHIO-MIAMI VALLEY TYPES:												
OHIO 3/	1,300	1,400	1,700	1,950	2,380	87.0	107.0	1,697	2,547			
TOTAL 41-44 3/	12,500	14,400	1,881	19,646	27,080	73.5	89.0	14,438	24,036			
CLASS 5, CIGAR BINDER												
CLASS 5A, CONN VALLEY BINDER												
TYPE 51, CONN VALLEY BROADLEAF												
CONN	1,250	1,450	1,700	2,000	2,465	170.0	190.0	3,400	4,684			
TYPE 52, CONN VALLEY HAVANA SEED												
MASS	220	240	2,000	407	480	120.0	131.0	488	629			
TOTAL 51-52	1,470	1,690	1,743	2,407	2,945	161.5	180.0	3,888	5,313			
CLASS 5B, WIS BINDER												
TYPE 54, SOUTHERN WIS												
WIS	6,300	6,200	2,080	13,104	12,710	117.0	125.0	15,332	15,888			
TYPE 55, NORTHERN WIS												
WIS	6,600	6,600	1,910	11,946	12,606	117.0	125.0	13,977	15,758			
TOTAL 54-55	12,900	12,800	1,978	25,050	25,316	117.0	125.0	29,309	31,646			
TOTAL 51-55	14,370	14,490	1,911	27,457	28,261	120.9	131.0	33,197	36,959			
CLASS 6, CIGAR WRAPPER												
TYPE 61, CONN VALLEY SHADE-GROWN												
CONN	1,950	2,050	1,530	2,925	3,137	850.0	980.0	24,863	30,743			
MASS	770	940	1,475	1,078	1,387	850.0	980.0	9,163	13,593			
U S	2,720	2,990	1,513	4,003	4,524	850.0	980.0	34,026	44,336			
TOTAL 41-61	29,590	31,880	1,727	51,106	59,865	159.8	175.9	81,661	105,331			
ALL CIGAR TYPES												
CLASS 7, HISC DOMESTIC TOBACCO												
TYPE 72, LA PERIQUE												
LA	80	80	700	56	56	175.0	200.0	98	112			
ALL TOBACCO	827,200	914,620	1,845	1,526,549	1,778,997	141.1	152.3	2,153,958	2,709,133			

1/ ACREAGE, YIELD AND PRODUCTION ESTIMATES CARRIED FORWARD FROM CROP PRODUCTION ANNUAL SUMMARY, JANUARY 1981-REVISIONS, IF ANY WILL BE PUBLISHED IN CROP PRODUCTION, AUG 12, 1981. 2/ EVALUATED AT 169.8 CENTS PER POUND, THE AVERAGE OF AUCTION SALES THROUGH MAY 4, 1981. 3/ INCLUDES BINDER TYPES GROWN IN OHIO.

COTTON

STATE	AREA PLANTED				AREA HARVESTED				YIELD				PRODUCTION 1/			
	1978	1979	1980	1981	1978	1979	1980	1981	1978	1979	1980	1981	1978	1979	1980	1981
	1,000 ACRES				1,000 ACRES				POUNDS				1,000 BALES 2/			
COTTON, UPLAND																
ALA	325.0	310.0	325.0	315.0	305.0	321.0	443	510	411	291.0	324.0	275.0				
ARIZ	540.0	580.0	590.0	538.0	575.0	589.0	953	1,069	1,103	1,068.0	1,280.0	1,354.0				
ARK	810.0	610.0	700.0	760.0	530.0	645.0	417	549	330	660.0	606.0	444.0				
CALIF	1,480.0	1,650.0	1,510.0	1,455.0	1,635.0	1,500.0	640	1,000	995	1,940.0	3,408.0	3,109.0				
FLA	3.8	3.4	6.0	3.6	3.4	5.9	506	565	610	3.8	4.0	7.5				
GA	120.0	155.0	170.0	115.0	150.0	160.0	463	486	258	111.0	152.0	86.0				
KY	.3	.0	.0	.0	.0	.0	0	0	0	.0	.0	.0				
LA	515.0	470.0	570.0	510.0	465.0	560.0	450	712	394	478.0	690.0	460.0				
MISS	1,200.0	1,090.0	1,150.0	1,180.0	1,050.0	1,125.0	561	657	488	1,378.0	1,437.0	1,143.0				
MO	210.0	157.0	245.0	182.0	137.0	241.0	496	550	353	188.0	157.0	177.0				
NEV	1.3	1.1	1.0	1.3	1.1	.9	542	655	640	1.5	1.5	1.2				
N MEX	137.0	154.0	151.0	109.0	126.0	120.0	443	396	428	101.0	104.0	107.0				
N C	45.0	46.0	66.0	42.0	45.0	65.0	515	455	381	45.0	43.0	52.0				
OKLA	605.0	600.0	715.0	585.0	580.0	565.0	432	432	174	355.0	522.0	205.0				
S C	105.0	110.0	122.0	98.0	109.0	120.0	562	510	309	115.0	116.0	77.0				
TENN	250.0	250.0	290.0	230.0	230.0	275.0	490	357	349	235.0	171.0	200.0				
TEX	6,950.0	7,700.0	7,850.0	6,200.0	6,800.0	6,850.0	294	389	233	3,792.0	5,515.0	3,320.0				
VA	.2	.3	.3	.1	.3	.3	480	320	320	.1	.2	.2				
U S	13,297.6	13,886.8	14,461.3	12,324.0	12,741.8	13,143.1	419	547	402	10,762.4	14,530.7	11,017.9				
COTTON, AMER-PIMA																
ARIZ	34.3	43.5	42.3	34.2	43.3	42.1	754	743	824	53.7	67.0	72.3				
CALIF	.1	.1	.1	.1	.1	.1	480	480	480	.1	.1	.1				
N MEX	14.1	16.0	7.1	13.7	14.8	7.0	454	246	464	13.0	7.5	6.8				
TEX	29.0	31.1	23.0	28.0	30.9	22.5	456	373	533	26.6	24.0	25.0				
U S	77.5	90.7	72.5	76.0	89.1	71.7	590	531	698	93.4	98.6	104.2				
COTTON, ALL																
ALA	325.0	310.0	325.0	315.0	305.0	321.0	443	510	411	291.0	324.0	275.0				
ARIZ	574.3	623.5	632.3	572.2	618.3	631.1	941	1,046	1,085	1,121.7	1,347.0	1,426.3				
ARK	810.0	610.0	700.0	760.0	530.0	645.0	417	549	330	660.0	606.0	444.0				
CALIF	1,480.1	1,650.1	1,510.1	1,455.1	1,635.1	1,500.1	640	1,000	995	1,940.1	3,408.1	3,109.1				
FLA	3.6	3.4	6.0	3.6	3.4	5.9	506	565	610	3.8	4.0	7.5				
GA	120.0	155.0	170.0	115.0	150.0	160.0	463	486	258	111.0	152.0	86.0				
KY	.3	.0	.0	.0	.0	.0	0	0	0	.0	.0	.0				
LA	515.0	470.0	570.0	510.0	465.0	560.0	450	712	394	478.0	690.0	460.0				
MISS	1,200.0	1,090.0	1,150.0	1,180.0	1,050.0	1,125.0	561	657	488	1,378.0	1,437.0	1,143.0				
MO	210.0	157.0	245.0	182.0	137.0	241.0	496	550	353	188.0	157.0	177.0				
NEV	1.3	1.1	1.0	1.3	1.1	.9	542	645	640	1.5	1.5	1.2				
N MEX	151.1	170.0	158.1	122.7	140.8	127.0	446	360	430	114.0	111.5	113.8				
N C	45.0	46.0	66.0	42.0	45.0	65.0	515	455	381	45.0	43.0	52.0				
OKLA	605.0	600.0	715.0	585.0	580.0	565.0	292	432	174	355.0	522.0	205.0				
S C	105.0	110.0	122.0	98.0	109.0	120.0	562	510	309	115.0	116.0	77.0				
TENN	250.0	250.0	290.0	230.0	230.0	275.0	490	357	349	235.0	171.0	200.0				
TEX	6,979.0	7,731.1	7,873.0	6,228.0	6,830.9	6,872.5	294	389	234	3,818.6	5,539.0	3,345.0				
VA	.2	.3	.3	.1	.3	.3	480	320	320	.1	.2	.2				
U S	13,375.1	13,977.5	14,533.8	12,400.0	12,830.9	13,214.8	420	547	404	10,855.8	14,629.3	11,122.1				

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 1979 AND 1980**

STATE	PRODUCTION IN 480-LB NET WEIGHT BALES		BALES GINNED AS REPORTED BY CENSUS 1/ (480-LB NET WEIGHT)		PRICE PER POUND 2/		VALUE OF PRODUCTION	
	1979	1980	1979	1980	1979 2/	1980 3/	1979 2/	1980 3/
	1,000 BALES		BALES		CENTS		1,000 DOLLARS	
COTTON, UPLAND								
ALA	324	275	322,024	272,984	65.3	79.9	101,555	105,468
ARIZ	1,280	1,354	1,270,857	1,338,736	68.1	77.1	418,406	501,088
ARK	606	444	607,447	445,586	65.3	77.1	189,945	164,316
CALIF	3,408	3,109	3,418,300	3,123,267	72.5	81.1	1,185,984	1,210,272
FLA	4.0	7.5	4/5,010	4/7,959	65.0	85.0	1,248	3,060
GA	152	86	150,940	86,205	65.5	78.9	47,789	32,570
LA	690	460	688,982	458,403	64.0	77.9	211,968	172,003
MISS	1,437	1,143	1,438,840	1,144,807	63.5	76.6	437,998	420,258
MO	157	177	154,842	174,642	62.4	72.7	47,025	61,766
NEV	1.5	1.2	4/	4/	68.0	80.0	490	461
N MEX	104	107	96,351	102,187	68.5	80.0	34,195	41,088
N C	43	52	45,003	54,465	64.7	79.5	13,354	19,843
OKLA	522	205	519,509	202,937	59.7	77.4	149,584	76,162
S C	116	77	113,745	74,560	66.2	79.9	36,860	29,531
TENN	171	200	170,686	197,844	62.9	78.4	51,628	75,264
TEX	5,515.0	3,320	5,519,326	3,326,613	55.7	69.7	1,474,490	1,110,739
VA	.2	.2	0	0	66.0	79.5	63	76
U S	14,530.7	11,017.9	14,521,862	11,011,195	63.1	76.1	4,402,582	4,023,965
COTTON, AMER-PIMA								
ARIZ	67.0	72.3	66,668	72,238	101.0	108.0	32,482	37,480
CALIF	.1	.1	0	0	101.0	108.0	48	52
N MEX	7.5	6.8	3,387	2,436	101.0	107.0	3,636	3,492
TEX	24.0	25.0	28,160	29,356	100.0	111.0	11,520	13,320
U S	98.6	104.2	98,215	104,030	101.0	109.0	47,686	54,344
COTTON, ALL								
ALA	324	275	322,024	272,984	65.3	79.9	101,555	105,468
ARIZ	1,347.0	1,426.3	1,337,525	1,410,974	69.7	78.7	450,888	538,568
ARK	606	444	607,447	445,586	65.3	77.1	189,945	164,316
CALIF	3,408.1	3,109.1	3,418,300	3,123,267	72.5	81.1	1,186,032	1,210,324
FLA	4.0	7.5	4/5,010	4/7,959	65.0	85.0	1,248	3,060
GA	152	86	150,940	86,205	65.5	78.9	47,789	32,570
LA	690	460	688,982	458,403	64.0	77.9	211,968	172,003
MISS	1,437	1,143	1,438,840	1,144,807	63.5	76.6	437,998	420,258
MO	157	177	154,842	174,642	62.4	72.7	47,025	61,766
NEV	1.5	1.2	4/	4/	68.0	80.0	490	461
N MEX	111.5	113.8	99,738	104,623	70.7	81.6	37,831	44,580
N C	43	52	45,003	54,465	64.7	79.5	13,354	19,843
OKLA	522	205	519,509	202,937	59.7	77.4	149,584	76,162
S C	116	77	113,745	74,560	66.2	79.9	36,860	29,531
TENN	171	200	170,686	197,844	62.9	78.4	51,628	75,264
TEX	5,539.0	3,345.0	5,547,486	3,355,969	55.9	70.0	1,486,010	1,124,059
VA	.2	.2	0	0	66.0	79.5	63	76
U S	14,629.3	11,122.1	14,620,077	11,115,225	63.4	76.4	4,450,268	4,078,309

1/ EQUIVALENT 480-LB NET WEIGHT BALE GINNED, NOT ADJUSTED FOR CROSS-STATE MOVEMENT. 2/ INCLUDES ALLOWANCE FOR UNREDEEMED LOANS. 3/ AVERAGE TO APR 1, 1981 WITH NO ALLOWANCE FOR UNREDEEMED LOANS. 4/ FLA AND NEV COMBINED.

COTTONSEED: PRODUCTION AND FARM DISPOSITION, 1979 AND 1980 1/

STATE	PRODUCTION		FARM DISPOSITION				USED FOR PLANTING 3/	
			SALES TO OIL MILLS :		OTHER 2/			
	1979	1980	1979	1980	1979	1980	1980	1981
	THOUSAND TONS							
ALA	122	99	115	94	7	5	4.1	4.3
ARIZ	530	583	326	449	204	134	6.3	6.5
ARK	215	181	200	171	15	10	9.8	9.1
CALIF	1,335	1,270	930	1,105	405	165	18.0	18.3
FLA	1.6	2.9	1.5	2.8	.1	.1	4/.1	4/.1
GA	54	30	50	25	4	5	2.4	2.7
LA	260	176	253	168	7	8	5.4	7.4
MISS	553	439	530	420	23	19	16.1	14.4
MO	62	70	57	65	5	5	4.3	3.9
NEV	.6	.5	.6	.5	0	0	4/	4/
N MEX	44	45	40	40	4	5	2.3	2.1
N C	15	19	13	17	2	2	.6	.6
OKLA	209	82	201	74	8	8	7.5	7.6
S C	42	30	39	28	3	2	1.3	1.1
TENN	71	82	66	76	5	6	3.9	4.2
TEX	2,264	1,361	1,957	1,222	307	139	108.4	136.4
VA	.1	.1	.1	.1			4/	4/
U S	5,778.3	4,470.5	4,779.2	3,957.4	999.1	513.1	190.5	218.7

COTTONSEED: SEASON AVERAGE PRICE RECEIVED BY FARMERS, VALUE OF PRODUCTION, AND VALUE OF SALES TO OIL MILLS, 1979 AND 1980 CROPS 1/

STATE	PRICE PER TON		VALUE OF PRODUCTION		VALUE OF SALES TO OIL MILLS	
	1979	1980	1979	1980	1979	1980
	DOLLARS		1,000 DOLLARS		1,000 DOLLARS	
ALA	116.00	118.00	14,152	11,682	13,340	11,092
ARIZ	110.00	5/	58,300	5/	35,860	5/
ARK	133.00	129.00	28,595	23,349	26,600	22,059
CALIF	125.00	141.00	166,875	179,070	116,250	155,805
FLA	120.00	125.00	192	363	180	350
GA	105.00	125.00	5,670	3,750	5,250	3,125
LA	133.00	128.00	34,580	22,528	33,649	21,504
MISS	133.00	132.00	73,549	57,948	70,490	55,440
MO	129.00	124.00	7,998	8,680	7,353	8,060
NEV	110.00	128.00	66	64	66	64
N MEX	115.00	124.00	5,060	5,580	4,600	4,960
N C	124.00	117.00	1,860	2,223	1,612	1,989
OKLA	114.00	127.00	23,826	10,414	22,914	9,398
S C	118.00	120.00	4,956	3,600	4,602	3,360
TENN	131.00	128.00	9,301	10,496	8,646	9,728
TEX	116.00	119.00	262,624	161,959	227,012	145,418
VA	128.00	130.00	13	13	13	13
U S	121.00	129.00	697,617	6/576,926	578,437	6/510,286

1/ 1980 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, AND NEV COMBINED. 5/ NOT AVAILABLE BECAUSE PRICES FOR A SUBSTANTIAL PORTION OF PRODUCTION REMAINS UNSETTLED. 6/ U S AVERAGE PRICE USED FOR ARIZ TO DETERMINE U S VALUES.

COTTON: ESTIMATED PERCENT PRODUCTION SOLD EACH MONTH OF THE MARKETING YEAR 1979 CROP 1/

STATE	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	TOTAL THROUGH JUL 2/
	PERCENT												
ALA	0	0	10	23	27	25	5	3	2	1	1	1	98
ARIZ	0	1	13	23	22	19	5	2	2	2	3	2	94
ARK	0	1	11	30	32	8	10	2	1	1	1	1	98
CALIF	0	0	13	28	18	15	5	2	2	2	2	4	91
GA	0	1	7	20	28	22	11	3	2	2	1	1	98
LA	0	0	8	26	34	26	3	3	0	0	0	0	100
MISS	0	0	15	36	29	10	3	2	1	1	1	1	99
MO	0	0	47	39	6	4	2	1	1	0	0	0	100
OKLA	0	0	3	20	34	26	8	4	2	1	1	1	100
S C	0	2	30	22	14	13	5	2	3	2	3	2	98
TENN	0	0	9	21	52	15	2	1	0	0	0	0	100
TEX	7	5	8	14	20	24	7	4	3	2	2	1	97
U S 3/	3	2	11	22	22	19	6	3	2	2	2	2	96

COTTON: ESTIMATED PERCENT PRODUCTION SOLD EACH MONTH OF THE MARKETING YEAR 1980 CROP- PRELIMINARY 1/

STATE	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL THROUGH MAR 4/
	PERCENT								
ALA	0	3	18	28	27	11	3	3	93
ARIZ	0	1	15	19	12	16	11	3	77
ARK	0	5	27	29	10	5	3	2	81
CALIF	0	0	9	27	17	8	4	4	69
GA	0	2	20	18	24	8	8	4	84
LA	0	1	24	40	17	13	2	1	98
MISS	0	0	36	35	13	8	2	1	95
MO	0	11	46	34	4	4	0	0	99
OKLA	0	0	6	30	20	15	5	5	81
S C	0	10	34	15	12	16	3	1	91
TENN	0	16	42	25	9	3	3	1	99
TEX	10	5	4	10	14	13	19	7	82
U S 3/	3	3	14	22	15	11	9	4	81

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

2/ EXCLUDES UNREDEEMED LOANS ON AUG 1, 1980.

3/ A SMALL PERCENT FOR JUL IS INCLUDED IN AUG.

4/ EXCLUDES UNREDEEMED LOANS AND COTTON STILL IN PRODUCER'S HANDS ON APR 1, 1981.

FARM MARKETINGS OF TOBACCO, BY STATES, 1980 CROP YEAR, PERCENT BY MONTHS

STATE	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
CLASS - FLUE - CURED:										
ALA	11	44	42	3						
FLA	34	47	19							
GA	22	40	33	5						
N C	4	30	30	29	7					
S C	6	34	40	20						
VA		24	37	33	6					
CLASS - FIRE - CURED:										
KY							22	42	36	
TENN							8	42	50	
VA						66	26	8		
CLASS - AIR-CURED										
IND					14	56	28	2		
KY					18	59	19	4		
MD 1/										
MO					16	40	44			
N C					29	56	15			
OHIO					17	51	28	4		
TENN					30	62	7	1		
VA					31	61	8			
W VA					25	56	19			

1/ MD SALES ARE NOT COMPLETE FOR THE 1980 CROP.

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