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# Crop Production



Agricultural  
Statistics  
Board

National Agricultural  
Statistics Service

United States  
Department of  
Agriculture

Washington, D.C. 20250

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## HIGHLIGHTS

CITRUS production is forecast at 12.2 million tons (11.0 million metric tons), down 1 percent from January 1 but 12 percent higher than last season.

ORANGE production is forecast at 197 million boxes (7.57 million metric tons), fractionally lower than January 1 but 12 percent higher than last season.

GRAPEFRUIT production, excluding California "other areas" crop, is forecast at 57.5 million boxes (2.16 million metric tons), fractionally lower than January 1 but 9 percent above last season.

LEMON production is forecast at 24.0 million boxes (827 thousand metric tons), down 5 percent from the January 1 forecast but 31 percent higher than the 1985-86 season.

WINTER POTATO production is forecast at 2.76 million cwt (125 thousand metric tons), 8 percent below last year but 3 percent above two years ago.

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UNITED STATES CROP SUMMARY  
(DOMESTIC UNITS  
CITRUS FRUITS, PRODUCTION 1/

CROP	1985-86	INDICATED 1986-87	
		JAN 1	FEB 1
1,000 BOXES			
ORANGES	176,410	197,550	196,700
LEMONS	18,350	25,300	24,000

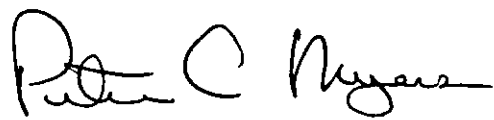
1/ SEASON BEGINS WITH BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

WINTER POTATOES

AREA PLANTED		AREA HARVESTED		
1986	INDICATED 1987	1986	INDICATED 1987	
1,000 ACRES				
12.5	12.1	12.3	11.9	
YIELD PER ACRE		PRODUCTION		
1986	INDICATED 1987	1986	INDICATED 1987	
		JAN 1 : FEB 1		
CWT		1,000 CWT		
243	232	2,991	2,860	2,764

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

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UNITED STATES CROP SUMMARY  
(METRIC UNITS  
CITRUS FRUITS, PRODUCTION 1/

CROP	1985-86	INDICATED 1986-87	
		JAN 1	FEB 1
METRIC TONS			
ORANGES	6,814,770	7,602,210	7,573,180
LEMONS	632,310	871,800	827,350

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

WINTER POTATOES

AREA PLANTED		AREA HARVESTED	
1986	INDICATED 1987	1986	INDICATED 1987
HECTARES			
5,060	4,900	4,980	4,820
YIELD PER HECTARE		PRODUCTION	
1986	INDICATED 1987	1986	INDICATED 1987
			JAN 1 : FEB 1
METRIC TONS			
27.24	26.01	135,670	129,730 : 125,370

PAPAYAS - HAWAII 1/

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED		1986	1987	FORECAST
	1986	1987	1986	1987			1987
	ACRES				1,000 POUNDS		
DEC	3,930		2,410		4,630		
JAN	3,810	3,905	2,430	2,420	3,925	4,400	
FEB	3,890		2,485		3,970		4,000
MAR	3,985		2,405		4,285		3,700
APR	3,910		2,390		4,350		4,700
MAY	3,890		2,380		4,945		4,800

1/ 1986 REVISED.

WINTER POTATOES

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1986	IND 1987	1986	IND 1987	1985	1986	IND 1987
	1,000 ACRES		CWT		1,000 CWT		
CALIF	5.1	4.8	290	280	1,404	1,479	1,344
FLA	7.2	7.1	210	200	1,287	1,512	1,420
U S	12.3	11.9	243	232	2,691	2,991	2,764

CITRUS FRUIT 1/

CROP	PRODUCTION			PRODUCTION		
	BOXES			TON EQUIVALENT		
AND	UTILIZED	INDICATED	UTILIZED	INDICATED	UTILIZED	INDICATED
STATE	1984-85	1985-86	1986-87	1984-85	1985-86	1986-87
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVEL 3/:						
ARIZ	650	600	850	25	23	32
CALIF	26,200	33,300	36,500	982	1,249	1,369
FLA	55,000	64,200	72,000	2,475	2,889	3,240
TEX 4/:	0	200	500	0	9	21
U S	81,850	98,300	109,850	3,482	4,170	4,662
ORANGES, VALENCIA						
ARIZ	1,800	1,700	1,500	68	64	56
CALIF	26,200	21,500	28,000	983	807	1,050
FLA	48,900	54,800	57,000	2,201	2,466	2,565
TEX 4/:	0	110	350	0	5	15
U S	76,900	78,110	86,850	3,252	3,342	3,686
ALL ORANGES						
ARIZ	2,450	2,300	2,350	93	87	88
CALIF	52,400	54,800	64,500	1,965	2,056	2,419
FLA	103,900	119,000	129,000	4,676	5,355	5,805
TEX 4/:	0	310	850	0	14	36
U S	158,750	176,410	196,700	6,734	7,512	8,348
TEMPLES						
FLA	3,250	2,950	3,600	146	133	162
GRAPEFRUIT, WHITE SEEDLESS						
FLA	24,800	25,600	27,000	1,054	1,088	1,148
GRAPEFRUIT, COLORED SEEDLESS						
FLA	16,300	18,000	19,500	693	765	829
OTHER GRAPEFRUIT						
FLA	2,900	3,150	3,500	123	134	149
ALL GRAPEFRUIT						
ARIZ	3,000	2,400	1,800	96	77	58
CALIF 5/:						
DESERT	3,800	3,600	3,600	121	115	115
OTHER AREAS	5,000	4,800		168	161	
TOTAL	8,800	8,400		289	276	
FLA	44,000	46,750	50,000	1,870	1,987	2,126
TEX 4/:	0	220	2,100	0	9	84
U S	55,800	57,770		2,255	2,349	
TANGERINES						
ARIZ	700	700	700	26	26	26
CALIF	1,680	1,800	1,900	63	68	71
FLA	1,050	1,150	1,400	50	55	67
U S	3,430	3,650	4,000	139	149	164
LEMONS						
ARIZ	6,000	3,250	5,500	228	123	209
CALIF	19,800	15,100	18,500	752	574	703
U S	25,800	18,350	24,000	980	697	912
TANGELOS						
FLA	3,600	2,950	4,000	162	133	180

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/ DUE TO SEVERE FREEZE OF DECEMBER 1983, NO COMMERCIAL SUPPLIES WERE HARVESTED FOR THE 1984-85 TEXAS CITRUS CROPS.

5/ THE FIRST FORECAST FOR CALIF GRAPEFRUIT "OTHER AREAS" WILL BE AS OF APR 1.

## JANUARY WEATHER SUMMARY

It was a stormy month along the east coast. A series of storms moved through the Southeast and up the east coast triggering moderate to heavy precipitation along the coast. Early in the month, moderate rain was accompanied by unusually high tides which resulted in beach erosion and flooding. Later, with the advent of colder weather, heavy snow fell through the Appalachians and from Virginia and Maryland northward. Another storm track during the month was from northwestern Texas and Oklahoma through the eastern Great Lakes. The heaviest precipitation from these storms was from Texas to Missouri where precipitation was well above normal. Just after midmonth, an arctic outbreak pushed through the West and brought well below freezing temperatures to the usually balmy areas in southern California and the Southwest. Severely cold weather pushed through the Great Lakes near the end of the month and covered most of the East. Average temperatures were unusually mild in the northern Great Plains. (Prepared by NOAA/USDA Joint Agricultural Weather Facility.)

## WINTER WHEAT

Winter wheat was mostly good to fair during January. Above-normal temperatures melted snow cover in the central and northern Great Plains and northern Rockies, leaving winter wheat vulnerable to freeze damage during most of the month. Towards the end of the month, snow cover protection vanished in the western and southernmost Corn Belt. Despite the above-normal temperatures wheat remained dormant. Low moisture restricted growth in some areas. Freeze damage has been light but increased somewhat at month's end. However, temperatures fell to single digits several times during the month causing concern about freeze damage. Cold, wet weather slowed growth in the southern Great Plains during most of the month. Wheat began greening in Texas at month's end. Seeding continued in the Southeast and Southwest most of the month. Wetness hampered seeding in the Southeast while dryness curtailed seeding in California. Cool, dry weather slowed growth in California the second half of the month.

ORANGES: The U.S. all orange crop is forecast at 197 million boxes (7.57 million metric tons) for the 1986-87 season, fractionally lower than the January 1 forecast but 12 percent higher than the 1985-86 season. Florida's all orange crop is estimated at 129 million boxes, unchanged from the January 1 estimate but 8 percent more than last season's crop. Production prospects for early and mid-season oranges in Florida is 72.0 million boxes, the same as the January 1 forecast but 12 percent above 1985-86. The Valencia crop in Florida is forecast at 57.0 million boxes, unchanged from January 1 but 4 percent more than the 1985-86 season.

Harvest of all U.S. oranges as of February 1 was about 33 percent complete, compared with 34 percent a year earlier. Harvest of Florida early mid-season varieties is 69 percent complete, while the Valencia crop harvest is not yet underway.

The California all orange forecast, at 64.5 million boxes, is down 2 percent from the January 1 forecast but 18 percent higher than last season's production. The Navel orange output forecast continues at 36.5 million boxes, 10 percent more than the 1985-86 harvest. As of February 1, 36 percent of California's Navel crop had been harvested. The California Valencia orange crop, forecast at 28.0 million boxes, is down 3 percent from January 1 but is 30 percent above last season's crop. Harvest has not yet begun. The all orange forecast for Arizona is expected to total 2.35 million boxes, up 7 percent from the January 1 estimate and 2 percent higher than last season's production. The Texas all orange forecast is 850 thousand boxes, the same as January 1 and compares with 310 thousand boxes harvested last season.

Changes in U.S. production between the February 1 forecast and final production averaged 5.97 million boxes over the past ten seasons, ranging from a low of 270 thousand boxes in 1980-81 to a high of 17.1 million boxes in 1981-82.

FLORIDA FROZEN CONCENTRATED JUICE YIELD: The 1986-87 yield projection of Frozen Concentrated Orange Juice is 1.46 gallons per box at 42.0 degree Brix, unchanged from the January 1 projection. This all orange yield computation is projected to the final amount reported by the Florida Citrus Processors Association at the end of the harvest season. The 1985-86 final season average yield was 1.37834 gallons per box. In 1984-85, the FCOJ final yield was 1.37582 gallons per box which was affected by freezing weather.

GRAPEFRUIT: The February 1 forecast, excluding California's "other areas" grapefruit, is 57.5 million boxes (2.16 million metric tons), fractionally lower than the January 1 forecast but 9 percent above last season. Production for the California "other areas" crop, which will be forecast as of April 1, accounted for 4.80 million boxes during the 1985-86 season. The California "Desert Valley" crop forecast continues at 3.60 million boxes, the same as last season. Harvest of California Desert grapefruit is 42 percent complete. The Florida all grapefruit forecast remains at 50.0 million boxes, unchanged from the January 1 forecast but up 7 percent from last season. Harvest in Florida is 41 percent complete.

The forecast for Arizona is 1.80 million boxes, down 5 percent from January 1 and 25 percent from last season. Harvest is 47 percent complete. The Texas forecast remains at 2.10 million boxes and harvest is about 51 percent complete.

LEMONS: Production in Arizona and California is expected to total 24.0 million boxes (827 thousand metric tons), down 5 percent from January 1 but 31 percent above last season's utilized production. The California forecast is 18.5 million boxes, down 3 percent from the January 1 forecast but 23 percent above last season. Picking in California is 41 percent complete. The forecast for production expected to be utilized in Arizona is 5.50 million boxes, 69 percent higher than last season's small utilized crop. Harvest is 90 percent complete.

TANGELOS: The Florida crop, excluding K-early citrus fruits, at 4.00 million boxes (163 thousand metric tons), is unchanged from January 1 but 36 percent higher than last season. Harvest was active during January and was 90 percent finished by the end of the month.

TANGERINES: The U.S. production forecast is 4.00 million boxes (149 thousand metric tons), down 4 percent from the January 1 forecast but 10 percent above last season. The Florida crop estimate is 1.40 million boxes, down 7 percent from January 1 but 22 percent higher than the 1985-86 season. Harvest is 91 percent complete. The California crop forecast continues at 1.90 million boxes, up 6 percent from last season. The Arizona crop forecast, at 700 thousand boxes, is 7 percent below January 1 but the same as the utilized production in 1985-86.

TEMPLES: The Florida forecast continues at 3.60 million boxes (147 thousand metric tons), unchanged from January 1 but 22 percent more than last season. Harvest as of February 1 was 18 percent complete.

FLORIDA CITRUS: Most of January was wet, windy, and cool. On several mornings, predicted upper 20 degree temperatures failed to materialize due to cloud cover or a change in wind direction. A few mornings had varying amounts of frost that melted rapidly at sunrise, with virtually no damage. The net result of the cold weather has been to bring most trees into a near dormant condition with almost no new growth. Harvest of early midseason oranges for processing has been very active during January. Movement of both white and colored grapefruit has been almost equally divided between fresh and processed usage. Tangelo harvest has been very active this month with good movement expected well into February. Picking of temples for the fresh markets increased during January. Caretakers have been busy working on cold protection and hedging previously harvested groves.

PAPAYA: Fresh papaya production from Hawaii is forecast at 4.00 million pounds (1810 metric tons) in February. A decrease to 3.70 million pounds (1680 metric tons) is anticipated in March, followed by increases in April and May and production is forecast at 4.70 and 4.80 million pounds (2130 and 2180 metric tons), respectively. The February and March forecasts were revised downward from last month's forecast due to weather related factors (cool temperatures and wind damage).

January's fresh utilization is estimated at 4.40 million pounds (2000 metric tons), down 5 percent from December 1986 but 12 percent above last January. Fresh output was less than anticipated as cool temperatures (slowing fruit ripening), wind damage and disease problems combined to lower earlier expectations. Crop area in January totaled 3905 acres (1580 hectares), 1 percent less than December 1986 and 2 percent more than last year. Harvested area of 2420 acres (980 hectares) remained virtually unchanged from the previous month and from last January.

POTATOES: Winter potato production is forecast at 2.76 million cwt (125 thousand metric tons), down 8 percent from last year but 3 percent above two years ago. Area for harvest is estimated at 11.9 thousand acres (4820 hectares), down 3 percent from a year ago. The average yield is forecast at 232 cwt per acre, 5 percent below last year and 3 percent below the January 1 forecast.

Most growers have begun to harvest in California with some nearing the half way point. California yield expectations are down a little from January 1, but size and quality of the crop are good.

Florida harvest is just getting underway. Weather conditions have favored potato growth and development this season. A good volume should be harvested by late February.