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# Crop Production



Crop  
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Board

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United States  
Department of  
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Washington, D.C. 20250

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RELEASED: February 10, 1984  
3:00 P.M. ET

## HIGHLIGHTS

CITRUS production forecast at 11.0 million tons (9.98 million metric tons), 18 percent below last season.

ORANGE production forecast at 177 million boxes (6.84 million metric tons), 4 percent below last month, 21 percent less than 1982-83.

GRAPEFRUIT production, excluding California "Other Areas" crop, forecast at 49.9 million boxes (1.85 million metric tons), 8 percent less than January 1, 13 percent below last season.

LEMON production, at 24.5 million boxes (845 thousand metric tons), down 7 percent from last month, 2 percent less than 1982-83 season.

WINTER POTATO production is forecast at 2.68 million cwt (121 thousand metric tons), up 22 percent from a year ago, 18 percent above the 1982 output.

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

CROP	1982-83	INDICATED 1983-84	
		JAN 1	FEB 1
1,000 BOXES			
ORANGES	225,080	184,000	177,130
LEMONS	24,950	26,250	24,500

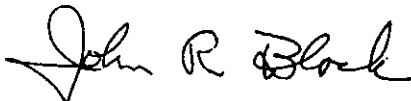
1/ SEASON BEGINS WITH BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

WINTER POTATOES

AREA PLANTED		AREA HARVESTED	
1983	INDICATED 1984	1983	INDICATED 1984
1,000 ACRES			
11.5	13.2	11.3	13.0
YIELD PER ACRE		PRODUCTION	
1983	INDICATED 1984	1983	INDICATED 1984
		: JAN 1 : FEB 1	
CWT		1,000 CWT	
194	206	2,193	2,676 2,676

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

CROP	1982-83	INDICATED 1983-84	
		JAN 1	FEB 1
METRIC TONS			
ORANGES	8 630 960	7 152 240	6 840 170
LEMONS	859 100	905 370	844 590

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	
1983	INDICATED 1984	1983	INDICATED 1984
HECTARES			
4 650	5 340	4 570	5 260
YIELD PER HECTARE		PRODUCTION	
1983	INDICATED 1984	1983	INDICATED 1984
			JAN 1 : FEB 1
METRIC TONS			
21.77	23.08	99 470	121 380 121 380

## JANUARY WEATHER SUMMARY

Average temperatures were warmer than normal in the northern Plains, the northern Rockies, the Southwest, and along the west coast. The central plateau of the Rockies, the South, and the East were colder than normal. Snow cover disappeared over most of the Plains leaving winter wheat exposed to possible cold damage. Much of the Nation had well-below normal precipitation. Many areas in the West and Southwest had little or no precipitation. In the East, a large area, with the axis from west central Texas to New England, had well-below normal precipitation. Precipitation was ample in southern and southeastern Texas, the western portion of the central Plains, and from Georgia to south-central Virginia. (Prepared by NOAA/USDA Joint Agricultural Weather Facility.)

## WINTER WHEAT

Winter wheat rated fair to good except in Texas where conditions were poor to mostly fair. Moderate snow cover protected wheat from bitter cold temperatures which pushed as far south as Texas at midmonth. Areas with light snow cover suffered limited damage. Warmer weather late in January melted much of snow cover across Great Plains leaving some winter wheat areas vulnerable to possible winterkill. Precipitation from rain or snow maintained adequate soil moisture in nearly all areas, except portions of Texas where additional precipitation would aid crop development.

At end of January, wheat was responding favorably to warm weather and light precipitation in Texas. Stands had begun to green up in central and southern areas. Diminished snow cover in Kansas left wheat stands vulnerable to winterkill as the month ended, but wet topsoil was minimizing wind erosion. Dry soils at planting produced spotty stands in west-central Kansas, but elsewhere were generally good. Oklahoma producers applied top dressing when fields were dry enough to support equipment. Stands were in fair to good condition with no reported winterkill. Warm temperatures decreased snow cover across the Northern Plains, but winter wheat was rated good with only light wind damage.

ORANGES: The U.S. all orange crop is forecast at 177 million boxes (6.84 million metric tons) for 1983-84 season, down 4 percent from January 1 forecast, 21 percent less than 1982-83 season. Florida's all orange crop estimated at 118 million boxes, down 9 percent from January 1 estimate, and 15 percent less than last season's crop. Production prospects for early and mid-season oranges in Florida 69.0 million boxes, 7 percent less than last month, 2 percent below 1982-83. The Valencia crop in Florida forecast at 49.0 million boxes, down 11 percent from a month ago, 29 percent less than 1982-83 season.

Harvest of all U.S. oranges as of February 1 about 42 percent complete, compared with 34 percent a year earlier. Harvest of Florida early and mid-season varieties 86 percent complete, Valencias 3 percent complete.

California production, at 54.0 million boxes, up 10 percent from last month, 29 percent less than last season's record high production. Navel orange output forecast at 33.0 million boxes, up 10 percent from January 1 estimate, 18 percent less than 1982-83 harvest. As of February 1, 36 percent of California's navel crop harvested. California's Valencia orange crop forecast at 21.0 million boxes, 11 percent above a month ago, 42 percent below last season. Texas orange production forecast at 2.23 million boxes, down 26 percent from last month, 61 percent below 1982-83. Arizona crop expected to total 2.90 million boxes, down 3 percent from last month's estimate, 24 percent below last season's production. Texas harvest virtually complete February 1, Arizona harvest 14 percent complete.

Changes in U.S. orange production between February 1 forecast and final production averaged 6.97 million boxes over past ten seasons, ranging from low of 270 thousand boxes in 1980-81 to high of 17.1 million boxes in 1981-82 season.

FLORIDA FROZEN CONCENTRATED JUICE YIELD: Forecast 1983-84 Florida FCOJ yield is now 1.21 gallons per box at 42.0 degrees Brix equivalent. The yield forecast is an estimate of the season average which will be reported at end of the season by the Florida Citrus Processor's Association. The FCOJ yield projection last month was 1.23 gallons per box. Final season average was 1.48305 gallons per box for 1982-83 and 1.27730 gallons per box for 1981-82 at 42.0 degrees Brix equivalent.

GRAPEFRUIT: The 1983-84 grapefruit crop (excluding California "Other Areas") forecast at 49.9 million boxes (1.85 million metric tons), down 8 percent from last month and 13 percent less than last season. Florida's forecast at 40.0 million boxes, down 7 percent from last month, but 2 percent above last season. Texas crop forecast at 3.20 million boxes, 29 percent less than last month, 71 percent below last season's crop. California "Desert Valley" production forecast continues at 4.20 million boxes, 2 percent above 1982-83. Arizona's crop forecast at 2.50 million boxes, up 9 percent from last month, but 7 percent below last season.

Grapefruit harvest was 36 percent complete February 1 compared with 43 percent same date last year. Picking in Florida 36 percent complete compared with 49 percent on February 1 last year. Harvest in Arizona 15 percent complete and California 8 percent. Due to the December freeze, harvest in Texas is virtually complete.

LEMONS: Production forecast in Arizona and California 24.5 million boxes (845 thousand metric tons), down 7 percent from last month, 2 percent less than last season. California's crop forecast 19.0 million boxes, 5 percent less than 1982-83 season. In Arizona, forecast for crop to be utilized 5.50 million boxes, 9 percent more than last season. Harvest about 59 percent complete in Arizona and 33 percent in California.

TANGELOS: Florida crop forecast 3.70 million boxes (152 thousand metric tons), up 16 percent from last month, 3 percent below 1982-83 season. Crop harvest was active during January with 94 percent utilized to February 1.

TANGERINES: U.S. crop forecast, at 4.85 million boxes (183 thousand metric tons), up 1 percent from last month, 8 percent less than 1982-83. Florida crop to be utilized forecast at 2.00 million boxes.

TEMPLES: Florida Temples forecast 2.50 million boxes (103 thousand metric tons), unchanged from January 1, 47 percent below last season. Picking activity increased during January and by month's end was 38 percent complete.

FLORIDA GENERAL CITRUS: Citrus trees damaged by the Christmas freeze had shed their dead leaves by end of January. Some of defoliated trees have started to sprout new growth, but many in northern areas are still bare. Soil moisture has been adequate through most of this past month. The undamaged lower east coast and south central citrus groves are showing a lot of new foliage, with some bloom buds pushing out as sap rises. There was a rush to harvest damaged citrus of all types during January. There were almost 12 million boxes of citrus harvested for week ended January 8. The other three weeks of January saw 8 to 10 million boxes of all types of citrus picked primarily for processing. Movement of fresh grapefruit from Indian River district was very active this month. Fresh shipments of undamaged Temples and Tangelos were active during January.

**TEXAS GENERAL CITRUS:** Shipments of remaining fresh citrus supplies were completed last month and all processing plants have closed for the season. Growers report tree damage is still difficult to assess. Most severe damage was to trees less than ten years old, with some trees killed entirely. Trees older than ten years have also been severely damaged but final assessment will have to wait until new growth, if any, appears. Some groves will be pushed out, any groves salvaged will require extensive pruning, which will severely limit next year's crop as well.

**PAPAYAS:** Hawaii fresh papaya production in February forecast at 4.15 million pounds (1880 metric tons), down 11 percent from January, but up 47 percent from a year ago. Production expected to drop to 3.70 million pounds (1680 metric tons) in March, before increasing seasonally to 4.95 and 4.55 million pounds (2250 and 2060 metric tons) in April and May, respectively. These forecasts revised upward from earlier forecasts because productivity of young orchards on Kauai Island has continued to recover much more quickly than expected from damage caused by hurricane Iwa late 1982.

January production, estimated at 4.66 million pounds (2110 metric tons), 6 percent higher than last month, 31 percent above a year ago. Total area in crop at 3675 acres (1490 hectares) increased 25 acres--1 percent--from previous month and is a record high for the sixth consecutive month. Of this total, 2365 acres (960 hectares) were harvested in January.

**POTATOES:** Winter potatoes are forecast at 2.68 million cwt (121 thousand metric tons) for 1984 season, up 22 percent from previous year and 18 percent from 1982 output. Harvest area is estimated at 13.0 thousand acres (5260 hectares), a gain of 15 percent from last year. Average yield is expected to hit 206 cwt per acre, 12 cwt more than last year, equal to average yield set in 1982.

In Florida, harvest started in late January in the Stuart and southwestern areas, with variable but improving yields. Digging in larger Dade County area should start in late February and continue heavy during March. Recent favorable weather has improved crop conditions but growers are concerned about tuber set.

California growers are in mid-harvest with ideal weather conditions. Earlier rains caused some damage to potatoes, yields are below year ago level.

PAPAYAS - HAWAII

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED		1983	1984	FORECAST
	1983	1984	1983	1984			1984
	ACRES				1,000 POUNDS		
DEC	3,650		2,375		4,400		
JAN	3,010	3,675	2,030	2,365	3,563	4,660	
FEB	3,060		2,045		2,821		4,150
MAR	3,110		2,030		2,200		3,700
APR	3,065		2,095		2,516		4,950
MAY	3,150		2,087		4,784		4,550

WINTER POTATOES

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	IND		IND		1982	1983	IND
	1983	1984	1983	1984			1984
	1,000 ACRES		CWT		1,000	CWT	
CALIF	4.7	5.6	270	240	931	1,269	1,344
FLA	6.6	7.4	140	180	1,332	924	1,332
U S	11.3	13.0	194	206	2,263	2,193	2,676

## CITRUS FRUIT

1/

CROP	PRODUCTION BOXES			PRODUCTION TON EQUIVALENT		
	UTILIZED	INDICATED		UTILIZED	INDICATED	
AND STATE	1981-82	1982-83	1983-84	1981-82	1982-83	1983-84
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVAL 3/:						
ARIZ	900	1,050	750	34	39	28
CALIF	26,500	40,200	33,000	994	1,508	1,238
FLA	74,000	70,200	69,000	3,330	3,159	3,105
TEX	3,610	3,590	2,200	153	152	94
U S	105,010	115,040	104,950	4,511	4,858	4,465
ORANGES, VALENCIA						
ARIZ	2,150	2,750	2,150	81	103	81
CALIF	15,400	35,900	21,000	578	1,346	788
FLA	51,800	69,300	49,000	2,331	3,118	2,205
TEX	2,330	2,090	30	99	89	1
U S	71,680	110,040	72,180	3,089	4,656	3,075
ALL ORANGES						
ARIZ	3,050	3,800	2,900	115	142	109
CALIF	41,900	76,100	54,000	1,572	2,854	2,026
FLA	125,800	139,500	118,000	5,661	6,277	5,310
TEX	5,940	5,680	2,230	252	241	95
U S	176,690	225,080	177,130	7,600	9,514	7,540
TEMPLES						
FLA	3,200	4,700	2,500	144	211	113
GRAPEFRUIT, WHITE SEEDLESS						
FLA	27,300	21,800	23,000	1,160	926	978
GRAPEFRUIT, PINK SEEDLESS						
FLA	14,800	12,800	13,000	629	544	553
OTHER GRAPEFRUIT						
FLA	6,000	4,800	4,000	255	204	170
ALL GRAPEFRUIT						
ARIZ	2,400	2,700	2,500	77	87	80
CALIF 4/:						
DESERT	3,400	4,100	4,200	109	131	134
OTHER AREAS	2,600	3,200		87	107	
TOTAL	6,000	7,300		196	238	
FLA	48,100	39,400	40,000	2,044	1,674	1,701
TEX	13,900	11,200	3,200	556	448	128
U S	70,400	60,600		2,873	2,447	
TANGERINES						
ARIZ	750	880	950	28	33	36
CALIF	1,730	2,120	1,900	65	80	71
FLA	2,500	2,250	2,000	119	107	95
U S	4,980	5,250	4,850	212	220	202
LEMONS						
ARIZ	6,300	5,050	5,500	239	191	209
CALIF	18,500	19,900	19,000	703	756	722
U S	24,800	24,950	24,500	942	947	931
TANGELOS						
FLA	5,100	3,800	3,700	229	171	167

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









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