

CROP PRODUCTION



Statistical Reporting Service

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HIGHLIGHTS

CORN FOR GRAIN production forecast at 4.12 billion bushels (105 million metric tons), less than half of last year's record high and down 3 percent from October 1. The 90 percent confidence interval for this 1983 production forecast is 3.94 to 4.31 billion bushels.

SORGHUM GRAIN production forecast at 482 million bushels (12.2 million metric tons), unchanged from last month but down 43 percent from last year.

FEED GRAIN production (corn, sorghum, oats and barley combined) expected to total 135 million metric tons, down 47 percent from last year.

SOYBEAN production forecast at 1.54 billion bushels (41.8 million metric tons), 1 percent more than October 1 but 31 percent below last year. The 90 percent confidence interval for the 1983 production forecast is 1.46 to 1.61 billion bushels.

OILSEED production (soybeans, cottonseed, peanuts, flaxseed and sunflower combined) is expected to total 47.6 million metric tons, down 31 percent from last year.

ALL COTTON production forecast at 7.50 million bales, 37 percent below 1982 production and 1 percent below a month earlier. The 90 percent confidence interval for this forecast is 7.00 million to 7.99 million bales.

ALL TOBACCO production forecast at 1.38 billion pounds (628 thousand metric tons), 30 percent below last year, up fractionally from last month, smallest crop since 1941.

SUGAR CROPS: Sugarbeet production forecast at 21.1 million tons (19.1 million metric tons), off 1 percent from both the October 1 forecast and the 1982 crop. Sugarcane for sugar and seed forecast at record high 30.7 million tons (27.9 million metric tons), 1 percent above October 1 forecast, up 3 percent from year ago.

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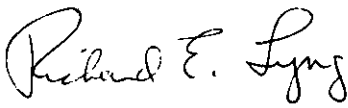
INDEX NUMBERS OF CROP PRODUCTION
UNITED STATES, 1973-83 (1977=100)

YEAR	PRODUCTION							
	ALL 1/	FEED GRAINS	HAY AND FORAGE	FOOD GRAINS	SUGAR CROPS	COTTON	TOBACCO	OIL CROPS
1973	92	91	101	86	95	91	91	87
1974	84	74	96	91	89	82	104	71
1975	93	91	100	108	114	58	114	86
1976	92	96	94	107	112	74	112	74
1977	100	100	100	100	100	100	100	100
1978	102	108	106	93	101	76	106	105
1979	113	116	108	108	94	102	80	129
1980	101	97	98	121	97	79	93	99
1981	116	121	106	144	107	109	108	114
1982	119	124	110	140	97	83	104	126
1983	87	66	104	116	98	52	72	86

1/ INCLUDES SOME MISCELLANEOUS CROP PRODUCTION NOT INCLUDED IN SEPARATE GROUPS OF CROPS SHOWN.

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

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UNITED STATES CROP SUMMARY
(DOMESTIC UNITS)

CROP AND UNIT		AREA HARVESTED		YIELD PER ACRE	
		1982	INDICATED 1983	1982	INDICATED 1983
		1,000 ACRES			
CORN FOR GRAIN	BU	73,152	51,204	114.8	80.5
SORGHUM FOR GRAIN	"	14,247	10,137	59.0	47.5
RICE	CWT 1/	3,252.0	2,226.0	4,742	4,640
SOYBEANS FOR BEANS	BU	69,821	61,398	31.9	25.0
PEANUTS FOR NUTS	LB	1,275.4	1,371.0	2,696	2,265
ALL COTTON	BALE 1/	9,728.5	7,136.1	590	504
UPLAND	" 1/	9,658.0	7,072.8	590	503
AMER-PIMA	" 1/	70.5	63.3	672	599
COTTONSEED	TON				
DRY EDIBLE BEANS	CWT 1/	1,764.4	1,114.0	1,404	1,405
TOBACCO	LB	907.8	793.2	2,183	1,744
SUGARBEETS	TON	1,030.8	1,047.4	20.6	20.1
SUGARCANE FOR SUGAR AND SEED	"	759.4	771.2	39.2	39.8
PASTURE AND RANGE 2/	PCT			80	73
DRIED PRUNES (CALIF)	TON				
FILBERTS	"				
<u>CITRUS FRUITS 4/</u>					
<u>LEMONS</u>	BOX				

SEE FOOTNOTES ON PAGE A-4.

UNITED STATES CROP SUMMARY
(DOMESTIC UNITS)

CROP AND UNIT		AREA HARVESTED		YIELD PER ACRE	
		1982	INDICATED 1983 1/	1982	INDICATED 1983 1/
		1,000 ACRES			
OATS	BU	10,561	9,058	58.4	52.2
BARLEY	"	9,113	9,905	57.3	53.7
ALL WHEAT	"	78,841	60,969	35.6	39.5
WINTER	"	58,347	47,242	36.1	41.8
DURUM	"	4,217	2,460	35.0	29.4
OTHER SPRING	"	16,277	11,267	34.0	31.8
RYE	"	715	858	29.1	30.0
FLAXSEED	"	815	590	14.3	12.6
SUNFLOWER	LB	4,724	3,058	1,129	1,037
ALL HAY	TON	60,679	60,394	2.51	2.36
ALFALFA	"	26,548	25,262	3.41	3.22
ALL OTHER	"	34,131	35,132	1.81	1.74
POTATOES					
WINTER	CWT	11.0	11.3	206	194
SPRING	"	78.0	75.4	264	232
SUMMER	"	97.2	93.4	221	187
FALL	"	1,087.7	1,053.9	283	278
TOTAL	"	1,273.9	1,234.0	276	267
SWEETPOTATOES	"	111.1	98.0	129	114
HOPS	LB	39.6	36.9	1,984	1,847
APPLES, COM'L	"				
PEACHES	"				
PEARS	TON				
GRAPES	"				
SWEET CHERRIES	"				
TART CHERRIES	LB				
APRICOTS	TON				
NECTARINES (CALIF)	"				
PLUMS (CALIF)	"				
OLIVES (CALIF)	"				
PRUNES AND PLUMS (EXCL. CALIF)	"				
PECANS	LB				
ALMONDS (CALIF)	"				
WALNUTS (CALIF)	TON				
<u>CITRUS FRUITS 2/</u>					
<u>ORANGES</u>	BOX				

SEE FOOTNOTES ON PAGE A-4.

(CONTINUED)

UNITED STATES CROP SUMMARY (CONTINUED)
(DOMESTIC UNITS)

CROP AND UNIT	PRODUCTION		
	1982	INDICATED	
		OCT 1, 1983	NOV 1, 1983
	1,000		
CORN FOR GRAIN BU	8,397,334	4,259,408	4,120,983
SORGHUM FOR GRAIN "	841,079	481,992	481,992
RICE CWT 1/	154,216	102,623	103,291
SOYBEANS FOR BEANS BU	2,229,486	1,517,019	1,536,519
PEANUTS FOR NUTS LB	3,438,330	2,918,100	3,105,000
ALL COTTON BALE 1/	11,962.6	7,549.5	7,496.5
UPLAND " 1/	11,863.9	7,465.5	7,417.5
AMER-PIMA " 1/	98.7	84.0	79.0
COTTONSEED TON	4,744	3,037	3,017
DRY EDIBLE BEANS CWT 1/	24,764	15,454	15,647
TOBACCO LB	1,982,245	1,378,046	1,383,751
SUGARBEETS TON	21,260	21,199	21,063
SUGARCANE FOR SUGAR AND SEED "	29,770	30,279	30,715
PASTURE AND RANGE 2/ PCT			
DRIED PRUNES (CALIF) TON	126.0	3/135.0	135.0
FILBERTS "	18.8	8.5	6.5
CITRUS FRUITS 4/ LEMONS BOX	1982-83 24,950	1983-84 28,000	1983-84 26,750

1/ YIELD IN POUNDS. 2/ PASTURE AND RANGE FEED CONDITION AS OF FIRST OF MONTH. THE 1972-81 AVERAGE IS 75 PERCENT. 3/ SEP 1, 1983. 4/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

UNITED STATES CROP SUMMARY
(DOMESTIC UNITS)

CROP AND UNIT	PRODUCTION	
	1982	INDICATED
		1983 1/
	1,000	
OATS BU	616,981	472,541
BARLEY "	522,387	531,727
ALL WHEAT "	2,808,737	2,407,606
WINTER "	2,108,246	1,976,843
DURUM "	147,503	72,301
OTHER SPRING "	552,988	358,462
RYE "	20,817	25,698
FLAXSEED "	11,635	7,413
SUNFLOWER LB	5,332,820	3,169,950
ALL HAY TON	152,424	142,654
ALFALFA "	90,513	81,461
ALL OTHER "	61,911	61,193
POTATOES		
WINTER CWT	2,263	2,193
SPRING "	20,559	17,479
SUMMER "	21,474	17,473
FALL "	307,526	292,696
TOTAL "	351,822	329,841
SWEETPOTATOES "	14,290	11,127
HOPS LB	78,558	68,147
APPLES, COM'L "	8,110,000	8,281,500
PEACHES "	2,292,600	1,969,800
PEARS TON	805.0	794.1
GRAPES "	6,616.2	4,931.4
SWEET CHERRIES "	155.7	179.7
TART CHERRIES LB	310,900	156,100
APRICOTS TON	112.9	104.5
NECTARINES (CALIF) "	173.0	190.0
PLUMS (CALIF) "	118.5	170.0
OLIVES (CALIF) "	146.0	66.0
PRUNES AND PLUMS (EXCL. CALIF) "	59.5	58.5
PECANS LB	215,100	292,500
ALMONDS (CALIF) "	347,000	250,000
WALNUTS (CALIF) TON	234.0	180.0
CITRUS FRUITS 2/ ORANGES BOX	1982-83 222,180	1983-84 222,500

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST EXCEPT CHERRIES END-OF-SEASON ESTIMATES. 2/ SEASON BEGINS WITH THE 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	
	1982	INDICATED 1983	1982	INDICATED 1983
	HECTARES		METRIC TONS	
CORN FOR GRAIN	29 603 880	20 721 750	7.21	5.05
SORGHUM FOR GRAIN	5 765 620	4 102 340	3.71	2.98
RICE	1 316 050	900 840	5.32	5.20
SOYBEANS FOR BEANS	28 255 860	24 847 160	2.15	1.68
PEANUTS FOR NUTS	516 140	554 830	3.02	2.53
ALL COTTON	3 937 030	2 887 910	0.66	0.57
UPLAND	3 908 500	2 862 290	0.66	0.56
AMER-PIMA	28 530	25 620	0.75	0.67
COTTONSEED				
DRY EDIBLE BEANS	714 040	450 820	1.57	1.57
TOBACCO	367 380	321 000	2.45	1.96
SUGARBEETS	417 150	423 870	46.23	45.08
SUGARCANE FOR SUGAR AND SEED	307 320	312 100	87.88	89.28
DRIED PRUNES (CALIF)				
FILBERTS				
CITRUS FRUITS 2/ LEMONS				

SEE FOOTNOTES ON PAGE A-6.

UNITED STATES CROP SUMMARY
(METRIC UNITS)

CROP	AREA HARVESTED		YIELD PER HECTARE	
	1982	INDICATED 1983 1/	1982	INDICATED 1983 1/
	HECTARES		METRIC TONS	
OATS	4 273 930	3 665 680	2.10	1.87
BARLEY	3 687 940	4 008 450	3.08	2.89
ALL WHEAT	31 906 170	24 673 540	2.40	2.66
WINTER	23 612 450	19 118 360	2.43	2.81
DURUM	1 706 580	995 540	2.35	1.98
OTHER SPRING	6 587 140	4 559 640	2.28	2.14
RYE	289 350	347 220	1.83	1.88
FLAXSEED	329 820	238 770	0.90	0.79
SUNFLOWER	1 911 760	1 237 540	1.27	1.16
ALL HAY	24 556 180	24 440 850	5.63	5.29
ALFALFA	10 743 710	10 223 280	7.64	7.23
ALL OTHER	13 812 470	14 217 570	4.07	3.90
POTATOES				
WINTER	4 450	4 570	23.07	21.77
SPRING	31 570	30 510	29.54	25.99
SUMMER	39 340	37 800	24.76	20.97
FALL	440 180	426 500	31.69	31.13
TOTAL	515 530	499 390	30.96	29.96
SWEETPOTATOES	44 960	39 660	14.42	12.73
HOPS	16 030	14 930	2.22	2.07
APPLES, COM'L				
PEACHES				
PEARS				
GRAPES				
SWEET CHERRIES				
TART CHERRIES				
APRICOTS				
NECTARINES (CALIF)				
PLUMS (CALIF)				
OLIVES (CALIF)				
PRUNES AND PLUMS (EXCL. CALIF)				
PECANS				
ALMONDS (CALIF)				
WALNUTS (CALIF)				
CITRUS FRUITS 2/ ORANGES				

SEE FOOTNOTES ON PAGE A-6.

(CONTINUED)

UNITED STATES CROP SUMMARY (CONTINUED)
(METRIC UNITS)

CROP	PRODUCTION		
	1982	INDICATED	
		OCT 1, 1983	NOV 1, 1983
	METRIC TONS		
CORN FOR GRAIN	213 302 110	108 193 950	104 677 790
SORGHUM FOR GRAIN	21 364 390	12 243 160	12 243 160
RICE	6 995 120	4 654 900	4 685 200
SOYBEANS FOR BEANS	60 676 670	41 286 490	41 817 190
PEANUTS FOR NUTS	1 559 590	1 323 620	1 408 400
ALL COTTON	2 604 540	1 643 700	1 632 160
UPLAND	2 583 050	1 625 410	1 614 960
AMER-PIMA	21 490	18 290	17 200
COTTONSEED	4 303 680	2 755 120	2 736 980
DRY EDIBLE BEANS	1 123 270	700 980	709 730
TOBACCO	899 130	625 070	627 660
SUGARBEETS	19 286 750	19 231 410	19 108 030
SUGARCANE FOR SUGAR AND SEED	27 006 890	27 468 650	27 864 180
DRIED PRUNES (CALIF)	114 310	1/122 470	122 470
FILBERTS	17 060	7 710	5 900
<u>CITRUS FRUITS 2/</u>	<u>1982-83</u>	<u>1983-84</u>	<u>1983-84</u>
<u>LEMONS</u>	<u>859 100</u>	<u>965 240</u>	<u>922 610</u>

1/ SEP 1, 1983. 2/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

UNITED STATES CROP SUMMARY
(METRIC UNITS)

CROP	PRODUCTION	
	1982	INDICATED
		1983 1/
	METRIC TONS	
OATS	8 955 450	6 858 910
BARLEY	11 373 630	11 576 990
ALL WHEAT	76 441 290	65 524 300
WINTER	57 377 050	53 800 850
DURUM	4 014 370	1 967 710
OTHER SPRING	15 049 870	9 755 740
RYE	528 780	652 760
FLAXSEED	295 540	188 300
SUNFLOWER	2 418 910	1 437 860
ALL HAY	138 276 720	129 413 540
ALFALFA	82 112 010	73 900 180
ALL OTHER	56 164 710	55 513 360
POTATOES		
WINTER	102 650	99 470
SPRING	932 540	792 830
SUMMER	974 040	792 560
FALL	13 949 070	13 276 400
TOTAL	15 958 290	14 961 260
SWEETPOTATOES	648 180	504 710
HOPS	35 630	30 910
APPLES, COM'L	3 678 610	3 756 410
PEACHES	1 039 900	893 480
PEARS	730 280	720 400
GRAPES	6 002 120	4 473 690
SWEET CHERRIES	141 250	163 020
TART CHERRIES	141 020	70 810
APRICOTS	102 420	94 800
NECTARINES (CALIF)	156 940	172 370
PLUMS (CALIF)	107 500	154 220
OLIVES (CALIF)	132 450	59 870
PRUNES AND PLUMS (EXCL. CALIF)	53 980	53 070
PECANS	97 570	132 680
ALMONDS (CALIF)	157 400	113 400
WALNUTS (CALIF)	212 280	163 290
<u>CITRUS FRUITS 2/</u>	<u>1982-83</u>	<u>1983-84</u>
<u>ORANGES</u>	<u>8 532 980</u>	<u>8 737 100</u>

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST EXCEPT CHERRIES END-OF-SEASON ESTIMATES. 2/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

RELIABILITY OF NOVEMBER 1 PRODUCTION FORECASTS

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

To assist users in evaluating the reliability of production forecasts in this report, the "Root Mean Square Error", a statistical measure based on past performance, is shown below for selected crops. This is computed by expressing the deviations between the November 1 production forecasts and the final estimates as a percent of the final estimates and averaging the squared percentage deviations for the 1963-82 twenty year period; the square root of this average becomes statistically the "Root Mean Square Error". Probability statements can be made concerning expected differences in the current forecasts relative to the final end of season estimates, assuming that factors affecting this year's forecast are not different from those influencing recent years.

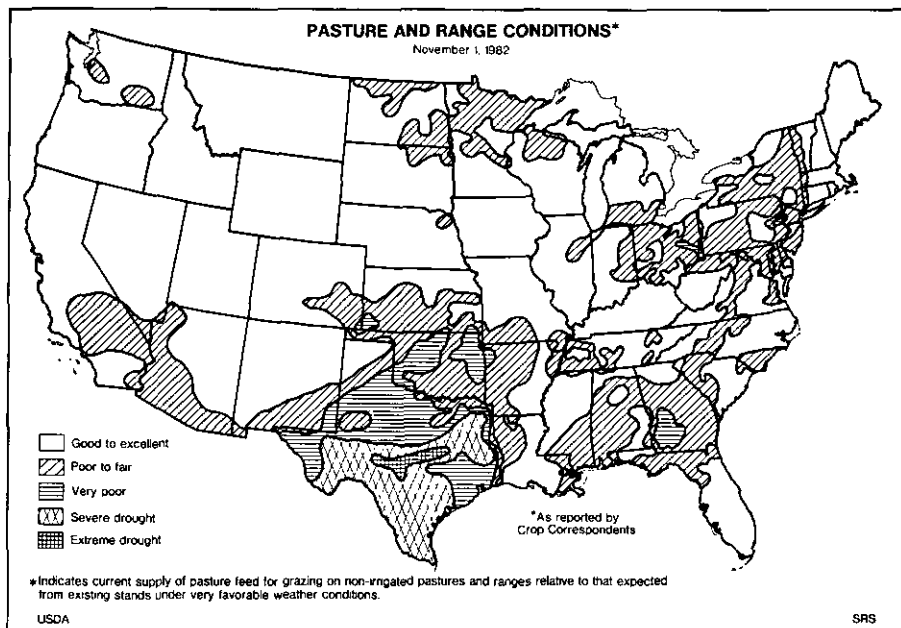
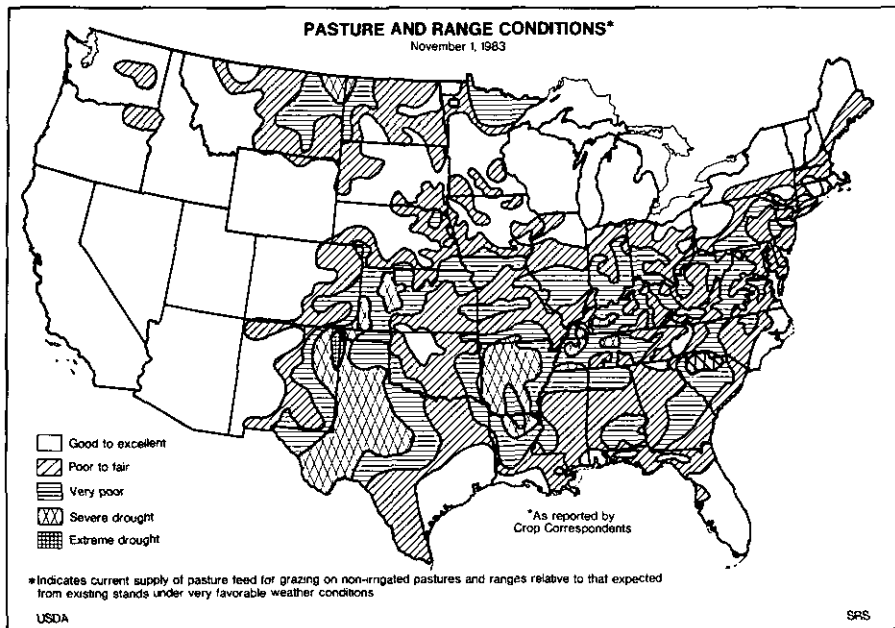
For example, the "Root Mean Square Error" for the November 1 corn for grain production forecast is 2.6 percent. This means that chances are 2 out of 3 that the current production forecast of 4,121 million bushels will not be above or below the final estimate by more than 2.6 percent or approximately 107 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.5 percent or approximately 185 million bushels.

Also shown in the table is a 10-year record for selected crops of the differences between the November 1 forecast and the final estimate. Using corn again as an example, changes between the November 1 forecast and the final estimate during the past 10 years have averaged 158 million bushels, ranging from 7 million to 378 million bushels. The November 1 forecast has been below the final estimate 9 times and above 1 time. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production. For most crops, the number of years the forecasts have been below or above the final estimates is about equally distributed.

RELIABILITY OF NOVEMBER 1 CROP PRODUCTION FORECASTS

CROP AND UNIT	:ROOT MEAN SQUARE ERROR ::			10-YEAR RECORD OF					
	:-----::			DIFFERENCES BETWEEN FORECAST					
	:90% CONFIDENCE ::			AND FINAL ESTIMATE					
	: LEVEL ::			:-----::					
	:PERCENT:	:-----::	:-----::	QUANTITY			:NO. OF YEARS		
	:-----::	:-----::	:-----::	:-----::	:-----::	:-----::	:-----::	:-----::	:-----::
	:PERCENT:	QUANT	:-----::	:-----::	:-----::	:-----::	:-----::	:BELOW	:ABOVE
	:-----::	:-----::	:-----::	AVG	SMALL	LARGE	FINAL	FINAL	
				MIL	MIL	MIL	MIL		
FEED GRAINS 1/ MT	2.1	3.6	5	4	0	10	8	2	
CORN FOR GRAIN BU	2.6	4.5	185	158	7	378	9	1	
SORGHUM FOR GRAIN BU	4.2	7.3	35	19	2	48	6	4	
RICE CWT	2.2	3.8	4	3	0	8	6	4	
SOYBEANS FOR BEANS BU	2.7	4.7	72	46	17	85	6	4	
COTTON BALES 2/	3.8	6.6	490	312	15	733	5	5	

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



OCTOBER WEATHER SUMMARY

Continuing showers in the Southwest, early in the month, caused severe flooding which damaged the cotton crop. Rain in Texas and Oklahoma during the first week was beneficial for seeding winter grains, and dry weather in the western Corn Belt and the Southeast aided harvest and drying of corn and soybeans. General rains from the eastern Plains to the east coast slowed fieldwork in the second week. The remnants of Hurricane Tico triggered heavy rain and severe flooding in western Texas and Oklahoma and moderate rain northeastward after mid-month. The flooding washed out some newly seeded winter wheat but the moisture was generally beneficial. Parts of the western areas of the central Plains had little rain. The last week was mostly dry except for the mid-Atlantic States and the Northeast. After some runoff and drying, fieldwork was resumed in much of the eastern part of the Nation. Average temperatures for the month were near or slightly above normal over most of the Nation. The upper Mississippi Valley was two degrees cooler than normal while parts of the Plateau and west coast were four degrees warmer than normal. (Prepared by NOAA/USDA Joint Agricultural Weather Facility.)

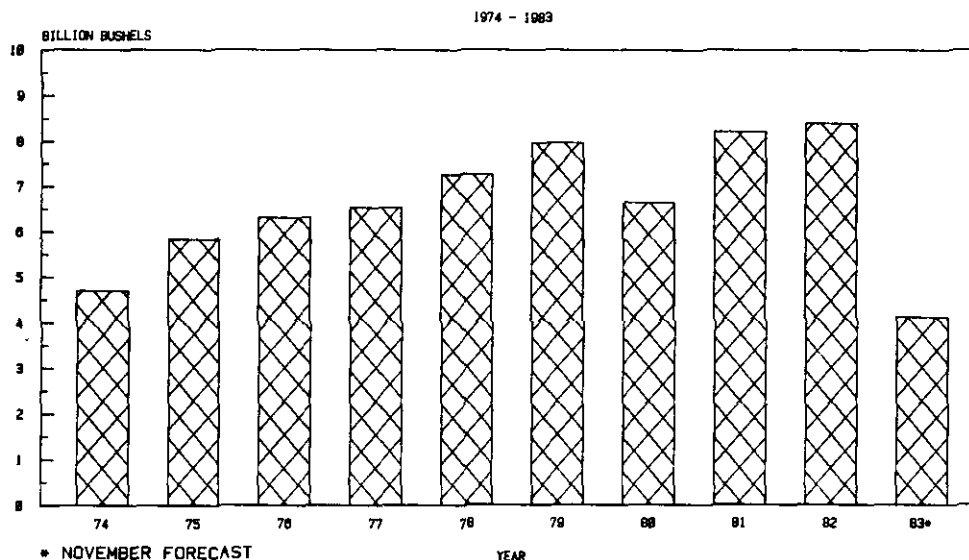
WINTER WHEAT SEEDING

Seeding of the 1984 winter wheat crop was 87 percent complete at the end of October, trailing 89 percent last year and the average of 90 percent. Planting was finished in Montana, Nebraska, and South Dakota and nearing completion in all other States except California, Missouri, Oregon, Oklahoma and Texas. Plants had emerged on 72 percent of the acreage, compared with 71 percent a year earlier and the 78 percent average. Soil moisture was adequate except in eastern Colorado and western Kansas.

Eastern Kansas had good field conditions for seeding during October. However, dry conditions in western portions delayed planting and emergence. Planting advanced to 90 percent completion by the month's end. Stands were in fair condition in western counties and good to excellent in the east. Seventy-five percent of the acreage had emerged compared with the average of 90 percent. Lack of rain in early October hindered seeding in western Oklahoma, but widespread heavy rains late in the month substantially improved crop conditions Statewide. Some washed out fields had to be reseeded in southwestern and south central counties. Seeding was 85 percent finished, trailing the average by 5 percentage points. Emergence reached 70 percent, compared with 65 percent average. Short moisture supplies hampered seeding in Texas until late October when heavy rains replenished soil moisture supplies. Growers had seeded 74 percent of their acreage by the end of October, 7 points behind average. Montana planting was finished and 90 percent of the acreage had emerged. Soils were slightly dry but stands were generally good. Seeding and emergence were slightly ahead of average in the Pacific Northwest. Open weather permitted rapid land preparation for small grain planting in California. Seeding was 20 percent complete, slightly behind the 23 percent average. Planting was ahead of normal in the Corn Belt. Emerged stands were generally in fair to good condition with adequate soil moisture.

CORN FOR GRAIN: Forecast at 4.12 billion bushels (105 million metric tons)-- 51 percent less than last year's record high and smallest since 1965. Yield of 80.5 bushels expected -- lowest since 1974 and down 2.4 bushels from last month. Yields coming in lower than expected with light test weights and small kernels. Minnesota yield declined 8 bushels from last month, Indiana and Iowa each declined 4 bushels. Corn harvest 82 percent complete October 30 -- last year 52, average 63 percent. Harvest conditions mostly excellent with field losses at a minimum.

U. S. CORN PRODUCTION



SORGHUM FOR GRAIN: Production forecast at 482 million bushels (12.2 million metric tons), unchanged from October 1, 43 percent less than a year ago. Average yield 47.5 bushels per acre, 11.5 less than a year earlier but 1.2 bushels higher than the last drought year of 1980. Missouri yield 27 bushels below 1982; yield in Kansas, the second largest sorghum State, 19 bushels below a year earlier. In Texas, the Nation's leading sorghum producing State, yield down 6 bushels per acre from 1982. Eighty-three percent of sorghum grain harvested by October 30, 59 percent by this date in 1982, 74 percent on the average. During the first week of October, rain relieved summer drought stress in Texas and Oklahoma. After mid-month remnants of Hurricane Tico produced heavy rain and locally severe flooding in west Texas and Oklahoma and moderate rain in eastern Kansas and Missouri. The moisture was very beneficial. Drying conditions late in October allowed harvest to progress rapidly.

RICE: Production forecast at 103 million hundredweight (4.69 million metric tons), 33 percent below last year, 43 percent below 1981. Nationally, 2.23 million acres (901 thousand hectares) for harvest, compared with 3.25 million acres (1.32 million hectares) for 1982.

Nationally, yields expected to average 4640 pounds per acre compared with 4610 pounds last month and 4742 pounds last year. Yield prospects are slightly above 1982 in Arkansas and up 150 pounds in California. Elsewhere yields were below a year earlier.

Rice harvesting 97 percent complete in 5 major producing States, 1 point ahead of last year and average. Combining neared completion in southern States and 90 percent complete in California. Texas producers began harvesting second crop rice late in the month.

PEANUT: Production forecast at 3.11 billion pounds (1.41 million metric tons), 10 percent below last year but up 6 percent from last month. Yield is forecast at 2265 pounds, up 71 pounds from October 1 -- 431 pounds below the record high set in 1982.

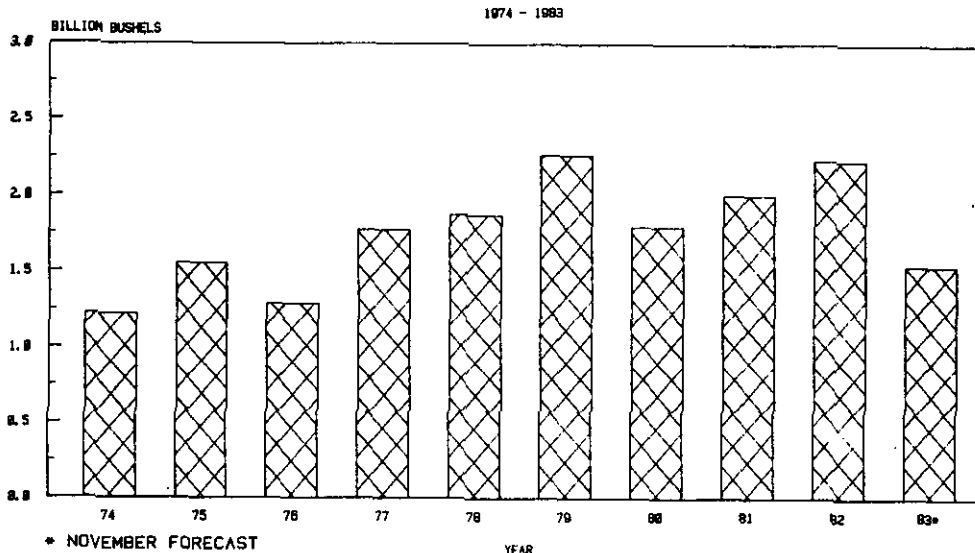
Southeast production (Alabama, Florida, Georgia, South Carolina) at 2.10 billion pounds, down 5 percent from last year but up 9 percent from last month. Yield, at 2590 pounds, increased 96 pounds from last month. Last year's yield was 3122 pounds. Yields increased from last month in all four States. Harvest is virtually complete in Alabama and Florida while Georgia and South Carolina had about 10 percent of the crop still in the ground on November 1.

Virginia-North Carolina crop, at 472 million pounds, gained 2 percent (9.60 million pounds) from last month but is still sharply (32 percent) below last year. Yield, at 1941 pounds, is up 40 pounds from last month but is still 913 pounds below last year. Harvest in Virginia is three weeks late, only 38 percent complete, as of November 1. In North Carolina, harvest reached 50 percent by November 1, the slowest progress of record. Quality and yields vary widely according to area.

Southwest area (New Mexico, Oklahoma, Texas) production, at 530 million pounds, 2 percent above last month and 1 percent above last year. All of the increase from October 1 occurred in Oklahoma. Harvest remained active except when interrupted by rains.

SOYBEANS: Production forecast at 1.54 billion bushels (41.8 million metric tons), down 31 percent from last year. Yield, at 25.0 bushels, 6.9 bushels below last year. Yields in Arkansas, Kentucky, Nebraska and Tennessee dropped 1.0 bushel during October, while Alabama, Illinois, Iowa, Louisiana, North Carolina, and Minnesota were up 1.0 bushel. Michigan yield up 3.0 bushels, all other States unchanged. Soybean combining 69 percent complete November 1 -- last year 69 percent, average 71 percent.

U. S. SOYBEAN PRODUCTION



COTTON: United States cotton production forecast at 7.50 million bales, 37 percent below 1982 and 1 percent less than last month's forecast. Upland production set at 7.42 million bales, down 37 percent from last year. American-pima production forecast at 79.0 thousand bales, 20 percent below 1982.

Upland area for harvest estimated at 7.07 million acres (2.86 million hectares), down 27 percent from 1982. American-pima area for harvest--63.3 thousand acres (25.6 thousand hectares), 10 percent below last year.

Growers in Southeastern States expect to harvest 380 thousand bales, 60 percent less than last year and down 8 percent from October 1 forecast. Harvest about 70 percent complete by November 1.

Production in the Delta States forecast at 1.91 million bales, 48 percent less than last year and virtually unchanged from October 1. Slightly better than expected yields offset by lower acreage for harvest in Mississippi. Harvest moved rapidly during October and was over 80 percent finished by November 1.

Texas and Oklahoma upland production forecast at 2.34 million bales, down 20 percent from 1982 and 3 percent less than last month. Better than expected yields in Texas more than offset by lower acreage for harvest. Harvest well ahead of last year and was about one-third finished by November 1.

The far west upland crop forecast at 2.77 million bales, down 35 percent from 1982 but up 2 percent from October 1 forecast. Full assesment of flood damage in Arizona revealed some grade and quality reduction but limited acreage loss. Harvest was about 30 percent complete by November 1, about one week behind last year's pace.

Bureau of the Census reports 3,348,142 running bales ginned prior to November 1 compared with 5,288,435 bales ginned to the same date last year and 5,540,672 bales in 1981.

COTTONSEED: Production for 1983, based on a three year average lint-seed ratio, forecast at 3.02 million tons (2.74 million metric tons), 36 percent less than in 1982.

DRY EDIBLE BEANS: Dry bean production is forecast at 15.6 million hundred-weight (710 thousand metric tons), up 1 percent from last month but down 37 percent from 1982. The expected yield per acre increased to 1405 pounds, up 1 percent from last month, virtually the same as last year.

Michigan, North Dakota, New York, and Wyoming indicated better yields than on October 1. Harvest nearing completion. Michigan producers reporting very good quality. Colorado, California, and Idaho indicate lower yields than last month. Mold and virus problems lowered Colorado's yield. A wet spring and fall hurt Idaho's production. Nebraska producers experienced hot weather during growing season but disease damage light, resulting in better yields than 1982.

TOBACCO: All tobacco production forecast at 1.38 billion pounds (628 thousand metric tons), 30 percent below last year, up fractionally from last month, smallest crop since 1941. Yield prospects, at 1744 pounds per acre, 439 pounds below 1982, 7 pounds above last month's forecast. Growers expect to harvest 793 thousand acres (321 thousand hectares), 13 percent less than 1982.

Kentucky's production of all tobacco estimated at 301 million pounds, 48 percent below last year, 2 percent below October 1. Production decline from last month caused by less acreage and lower yields. Stripping of burley active. Producers of dark tobacco are firing to add finish. Burley market expected to open November 21.

North Carolina production, at 544 million pounds, down 22 percent from last year, 1 percent above October 1. Yield forecast, at 1935 pounds per acre, 221 pounds below 1982, 20 pounds above last month. Flue-cured markets closed in Border and Eastern Belts. Final sales for Old and Middle Belts expected November 10.

Tennessee growers expect to harvest 112 million pounds, 37 percent below last year. Expected yields at 1540 pounds unchanged from last month, 616 pounds below 1982. Improved moisture conditions aided in firing of dark types and stripping of burley.

SUGARBEETS: Production of sugarbeets forecast at 21.1 million tons (19.1 million metric tons), off 1 percent from both October 1 forecast and 1982 crop. Most of the reduction from October 1 resulted from cold weather in northwest Minnesota, outlook also declined in Colorado, Kansas, Montana. Partially offsetting were improved prospects in Michigan, Oregon.

California fall harvest nearly complete in San Joaquin Valley, complete in Sacramento Valley. Yields below last year due to shortened growing season. About 40 percent overwintered for spring harvest.

Due to good weather Idaho harvest 70 percent complete as of October 31, compared with usual 58 percent. North Dakota beets 99 percent lifted as of October 30, compared with 96 last year. Michigan harvest nearly complete. Beets smaller than usual but very uniform in size. Yields averaging 0.5 ton per acre better than expected last month.

Montana harvest moved quickly in eastern area, completed October 19. In south central area, wet soils made harvest difficult, about 100 acres left to dig.

Lower than normal sugar content noted in Nebraska, Colorado, Wyoming, Montana.

SUGARCANE: Production of sugarcane for sugar and seed forecast at record high 30.7 million tons (27.9 million metric tons), 1 percent above October 1 forecast, up 3 percent from year ago. Increase from last month represents improved outlook in Florida but this was moderated by decline in Louisiana. National average yield at 39.8 tons per acre is up 0.6 ton from year earlier.

Florida harvest gaining momentum, all mills grinding. Harvest expected to reach peak level by early winter. Yield prospects improved to 34.5 tons per acre as of November 1.

Hawaii's harvest continues to make good progress. One mill will close down for 2 weeks in November as part of a cost savings move but should only have slight effect on total production. October rains were beneficial, the crop is developing well.

As of October 30, Louisiana planting was 97 percent complete compared with 99 percent year ago. Harvest, at 26 percent complete, compares with 27 last year, 21 percent average. Weather has been excellent for harvest.

In Texas' Rio Grande Valley, harvest gaining momentum, about 10 percent complete.

PASTURE AND RANGE FEED: Condition on November 1, 73 percent of normal for 48 contiguous States--7 points below year ago, 2 points below 1972-81 average for the date. During October, conditions improved in 36 States, were unchanged in 5, and worsened in 7. General rains fell in Texas, Oklahoma, and from the eastern Plains to east coast. The rains, and temperatures near or slightly above normal helped improve pasture and range conditions during month. Missouri, Illinois, Ohio, and Kentucky improved 20 or more points. Severe drought still exists from west Texas in south western Kansas. Another large area of severe drought occurred over the western two-thirds of Arkansas. Pasture conditions in roughly the southeastern two-thirds of the Nation ranged from fair to very poor with a few pockets of severe drought in Kentucky, Tennessee, South Carolina. Montana also had a pocket of severe drought in the Northeastern corner of the State which carried over into northwestern North Dakota.

PAPAYAS: Hawaii fresh papaya production forecast 4.50 million pounds (2040 metric tons) for November, up 13 percent from October, 23 percent above level of one year ago. Production expected to reach 4.00 million pounds (1810 metric tons) in both December and January, then decline to 3.30 million pounds (1500 metric tons) in February. October fresh production, estimated at 4.00 million pounds (1810 metric tons), was double the previous month's production, 3 percent greater than a year ago.

Total area in crop increased one percent from previous month to a record high 3575 acres (1450 hectares). Harvested acreage rose to 2225 acres (900 hectares), a 5 percent increase from September.

PRUNES: California prune crop (dried basis) forecast at 135 thousand tons (122 thousand metric tons), unchanged from September 1, 7 percent more than 1982 crop. Harvest was complete in September with good yields and fruit quality reported, except in the Yuba-Sutter area.

FILBERTS: Production for Oregon and Washington placed at 6500 tons (5900 metric tons), down 24 percent from October 1, 65 percent below 1982 crop. Packers report delivery of nuts nearly complete. Crop production much lighter than earlier predicted even with excellent harvesting weather in September, October. Crop is poorest in years due to lack of buds and poor pollination in spring, heavy brown stain incidence during the growth period.

FLORIDA GENERAL CITRUS COMMENTS: Most of Florida's citrus maintained excellent condition during October with better than average rainfall. Very little irrigation. In most areas, new foliage continued to show on trees of all ages. During October there was definite improvement in natural fruit coloring. Harvesters started picking Navel and Hamlin oranges first of October. Movement of new crop white and colored seedless grapefruit very active during most of month. Also, some fresh movement of K-earlys, Robinson tangerines, Novas. Maturity continues to lag far behind last season, somewhat later than normal. Most of State's fresh fruit packing houses open and running. Only a few processors are open to receive packing eliminations. Very little grove run fruit picked by end of October.

GRAPEFRUIT: The 1983-84 grapefruit crop, excluding California "Other areas" grapefruit, is 63.9 million boxes (2.38 million metric tons), unchanged from October 1. Harvest gaining momentum all States. The first forecast for the California "Other areas" crop will be made as of April 1, 1984.

LEMONS: Arizona-California forecast (tree crop available for harvest) 26.8 million boxes (923 thousand metric tons), 4 percent below October 1, 7 percent above 1982-83 utilized production. Harvest is underway in desert areas with very good quality fruit reported. Volume expected to be light from other areas this month, will increase in December.

TANGERINES: The 1983-84 crop expected to total 5.80 million boxes (224 thousand metric tons), unchanged from October 1, 10 percent more than last season. Harvest underway.

CORN FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		BUSHEL		1,000 BUSHEL		
ALA	450	300	66.0	50.0	34,100	29,700	15,000
ARIZ 1/	25	17	135.0	140.0	4,550	3,375	2,380
ARK 1/	30	35	82.0	75.0	3,185	2,460	2,625
CALIF 1/	330	270	130.0	132.0	35,750	42,900	35,640
COLO	830	585	133.0	125.0	108,230	110,390	73,125
CONN 2/							
DEL	182	150	102.0	75.0	15,385	18,564	11,250
FLA 1/	245	134	62.0	66.0	17,985	15,190	8,844
GA	815	770	85.0	68.0	69,000	69,275	52,360
IDAHO 1/	65	65	120.0	122.0	7,130	7,800	7,930
ILL	11,380	7,800	134.0	80.0	1,454,080	1,524,920	624,000
IND	6,320	4,600	129.0	70.0	654,000	815,280	322,000
IOWA	13,150	8,400	121.0	85.0	1,758,950	1,591,150	714,000
KANS	1,230	840	114.0	90.0	148,050	140,220	75,600
KY	1,490	970	106.0	48.0	149,000	157,940	46,560
LA 1/	40	45	78.0	80.0	2,409	3,120	3,600
MAINE 2/							
MD	660	550	107.0	65.0	72,450	70,620	35,750
MASS 2/							
MICH	2,820	1,850	109.0	95.0	273,600	307,380	175,750
MINN	6,500	4,370	113.0	85.0	744,700	734,500	371,450
MISS 1/	90	80	62.0	56.0	6,440	5,580	4,480
MO	1,970	1,500	104.0	48.0	213,400	204,880	72,000
MONT 1/	14	11	100.0	110.0	850	1,400	1,210
NEBR	6,940	4,900	111.0	94.0	791,200	770,340	460,600
N H 2/							
N J 1/	112	105	102.0	85.0	12,375	11,424	8,925
N MEX 1/	90	55	110.0	125.0	9,000	9,900	6,875
N Y	730	550	92.0	87.0	74,400	67,160	47,850
N C	1,630	1,350	101.0	53.0	140,910	164,630	71,550
N DAK 1/	520	350	68.0	80.0	41,553	35,360	28,000
OHIO	4,060	2,850	117.0	83.0	360,000	475,020	236,550
OKLA 1/	60	45	100.0	90.0	3,850	6,000	4,050
OREG 1/	34	20	140.0	145.0	2,970	4,760	2,900
PA	1,300	1,150	97.0	65.0	134,400	126,100	74,750
R I 2/							
S C	340	290	90.0	60.0	33,060	30,600	17,400
S DAK	2,640	1,700	73.0	65.0	180,600	192,720	110,500
TENN	650	520	94.0	48.0	55,040	61,100	24,960
TEX	1,140	1,150	105.0	98.0	127,530	119,700	112,700
UTAH 1/	17	14	118.0	120.0	1,650	2,006	1,680
VT 2/							
VA	595	375	105.0	45.0	56,250	62,475	16,875
WASH 1/	190	130	145.0	150.0	14,250	27,550	19,500
W VA 1/	69	62	100.0	92.0	6,256	6,900	5,704
WIS	3,350	2,200	108.0	95.0	378,000	361,800	209,000
WYO 1/	49	46	105.0	110.0	5,060	5,145	5,060
U S	73,152	51,204	114.8	80.5	8,201,598	8,397,334	4,120,983

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
 2/ ALL ACREAGE HARVESTED IS FOR SILAGE.

SORGHUM FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		BUSHEL		1,000 BUSHEL		
ALA 1/	65	55	40.0	36.0	2,146	2,600	1,980
ARIZ	13	18	84.0	86.0	2,158	1,092	1,548
ARK	263	310	60.0	49.0	16,986	15,780	15,190
CALIF	130	70	77.0	78.0	8,880	10,010	5,460
COLO	380	310	34.0	34.0	12,775	12,920	10,540
GA 1/	135	80	42.0	35.0	4,455	5,670	2,800
ILL 1/	82	75	80.0	60.0	5,544	6,560	4,500
IND 1/	13	7	73.0	50.0	720	949	350
IOWA 1/	10	15	65.0	70.0	1,600	650	1,050
KANS	3,350	2,800	62.0	43.0	238,520	207,700	120,400
KY 1/	38	38	74.0	65.0	2,250	2,812	2,470
LA 1/	175	170	45.0	45.0	2,592	7,875	7,650
MISS 1/	115	270	60.0	54.0	3,872	6,900	14,580
MO	870	640	81.0	54.0	75,200	70,470	34,560
NEBR	1,670	1,080	73.0	59.0	164,800	121,910	63,720
N MEX	310	160	47.0	38.0	12,240	14,570	6,080
N C 1/	70	50	53.0	40.0	4,134	3,710	2,000
OKLA	510	350	39.0	33.0	22,050	19,890	11,550
S C 1/	35	28	46.0	35.0	576	1,610	980
S DAK	375	300	46.0	42.0	19,565	17,250	12,600
TENN 1/	79	100	56.0	47.0	4,200	4,424	4,700
TEX	5,550	3,200	55.0	49.0	273,420	305,250	156,800
VA 1/	9	11	53.0	44.0	539	477	484
U S	14,247	10,137	59.0	47.5	879,222	841,079	481,992

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

RICE

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		POUNDS		1,000	CWT	
ARK	1,330.0	915.0	4,290	4,300	69,610	57,037	39,345
CALIF	535.0	337.0	6,850	7,000	40,924	36,651	23,590
LA	598.0	385.0	4,160	3,900	27,078	24,862	15,015
MISS	235.0	155.0	4,200	4,100	14,792	9,870	6,355
MO 1/	80.0	55.0	4,480	4,200	3,099	3,582	2,310
TEX	474.0	379.0	4,690	4,400	27,239	22,214	16,676
U S	3,252.0	2,226.0	4,742	4,640	182,742	154,216	103,291

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

PEANUTS FOR NUTS

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		POUNDS		1,000	POUNDS	
ALA	177.0	183.0	2,950	2,400	602,730	522,150	439,200
FLA	51.0	56.0	3,000	2,800	178,200	153,000	156,800
GA	472.0	560.0	3,215	2,650	1,655,450	1,517,480	1,484,000
MISS 1/					12,730		
N MEX 2/	10.4	11.0	2,425	2,500	24,900	25,220	27,500
N C	147.0	147.0	2,825	2,000	555,560	415,275	294,000
OKLA	86.0	90.0	2,030	2,000	189,280	174,580	180,000
S C	12.0	13.0	2,500	1,800	39,000	30,000	23,400
TEX	225.0	215.0	1,445	1,500	393,250	325,125	322,500
VA	95.0	96.0	2,900	1,850	330,750	275,500	177,600
U S	1,275.4	1,371.0	2,696	2,265	3,981,850	3,438,330	3,105,000

1/ ESTIMATES DISCONTINUED AFTER 1981 CROP.

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

DRY EDIBLE BEANS 1/

CROP AND STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		POUNDS		1,000	CWT	
LARGE LIMA							
CALIF	31.0	30.0	2,010	2,020	639	623	606
BABY LIMA							
CALIF	27.0	26.0	2,150	2,250	661	581	585
OTHER							
CALIF	168.0	94.0	1,570	1,600	2,805	2,638	1,504
ALL							
CALIF	226.0	150.0	1,700	1,797	4,105	3,842	2,695
COLO	170.0	107.0	1,210	1,150	2,683	2,057	1,231
IDAHO	141.0	98.0	1,840	1,700	4,277	2,594	1,666
KANS 2/	24.0	10.5	1,000	1,400	935	240	147
MICH	550.0	340.0	1,350	1,300	7,198	7,425	4,420
MINN	73.0	51.0	1,300	1,250	1,277	949	638
MONT 2/	8.4	3.0	1,650	1,600	218	139	48
NEBR	212.0	130.0	1,500	1,650	4,025	3,180	2,145
N Y	49.0	28.0	1,200	1,100	578	588	308
N DAK	240.0	157.0	1,050	1,050	4,565	2,520	1,649
UTAH 2/	10.0	6.5	460	480	60	46	31
WASH	32.0	15.0	2,070	2,180	1,380	662	327
WYO	29.0	18.0	1,800	1,900	882	522	342
U S	1,764.4	1,114.0	1,404	1,405	32,183	24,764	15,647

1/ EXCLUDES BEANS GROWN FOR GARDEN SEED.

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

SOYBEANS FOR BEANS

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA	2,000	1,400	26.0	18.0	46,460	52,000	25,200
ARK	4,500	3,800	24.0	17.0	99,000	108,000	64,600
DEL 1/	270	245	24.0	25.0	7,020	6,480	6,125
FLA 1/	491	410	26.0	25.0	11,040	12,766	10,250
GA	2,500	1,950	27.0	19.0	39,900	67,500	37,050
ILL	9,270	8,850	39.0	29.0	351,500	361,530	256,650
IND	4,500	3,870	39.5	30.0	151,800	177,750	116,100
IOWA	8,400	7,850	37.0	33.0	326,000	310,800	259,050
KANS	1,810	1,610	26.0	15.0	45,300	47,060	24,150
KY	1,630	1,390	32.0	17.0	47,850	52,160	23,630
LA	2,900	2,570	26.0	25.0	64,165	75,400	64,250
MD	405	360	29.0	23.0	10,915	11,745	8,280
MICH	1,040	890	31.0	32.0	29,100	32,240	28,480
MINN	4,830	4,600	35.5	32.0	139,200	171,465	147,200
MISS	3,550	3,020	26.0	18.0	75,600	92,300	54,360
MO	5,800	5,100	30.5	18.0	155,550	176,900	91,800
NEBR	2,250	2,100	36.0	28.0	78,660	81,000	58,800
N J 1/	170	133	25.0	23.0	4,872	4,250	3,059
N C	2,100	1,600	25.0	19.0	46,250	52,500	30,400
N DAK 1/	400	530	21.0	25.0	6,440	8,400	13,250
OHIO	3,700	3,280	37.0	31.0	99,750	136,900	101,680
OKLA 1/	280	240	19.0	20.0	6,480	5,320	4,800
PA 1/	100	105	32.0	28.0	3,100	3,200	2,940
S C	1,800	1,380	22.0	15.0	31,000	39,600	20,700
S DAK	800	935	30.5	27.0	22,330	24,400	25,245
TENN	2,300	1,850	27.0	15.0	61,100	62,100	27,750
TEX	920	340	25.5	27.0	10,560	23,460	9,180
VA	665	610	28.0	16.0	16,828	18,620	9,760
WIS 1/	440	380	31.0	31.0	12,375	13,640	11,780
U S	69,821	61,398	31.9	25.0	2,000,145	2,229,486	1,536,519

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

COTTON

CROP AND STATE	AREA HARVESTED		YIELD		PRODUCTION 1/		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		POUNDS		1,000	BALES 2/	
UPLAND							
ALA	285.0	215.0	775	391	422.0	460.0	175.0
ARIZ	465.0	288.0	1,130	1,100	1,556.0	1,095.0	660.0
ARK	390.0	310.0	657	465	604.0	534.0	300.0
CALIF	1,370.0	965.0	1,077	1,020	3,535.0	3,073.0	2,050.0
FLA 3/	15.0	9.5	627	621	21.3	19.6	12.3
GA	158.0	115.0	714	438	159.0	235.0	105.0
LA	595.0	410.0	702	574	742.0	870.0	490.0
MISS	990.0	675.0	853	640	1,565.0	1,760.0	900.0
MO	151.0	93.0	648	377	168.0	204.0	73.0
NEV 3/	.7	.0	617	0	1.5	.9	.0
N MEX	68.0	49.0	551	607	133.0	78.0	62.0
N C	70.0	59.0	699	366	95.0	102.0	45.0
OKLA	450.0	300.0	254	224	440.0	238.0	140.0
S C	95.0	69.0	783	383	164.0	155.0	55.0
TENN	255.0	215.0	638	335	315.0	339.0	150.0
TEX	4,300.0	3,300.0	301	320	5,645.0	2,700.0	2,200.0
VA 3/	.3	.3	640	320	.3	.4	.2
U S	9,658.0	7,072.8	590	503	15,566.1	11,863.9	7,417.5
AMER-PIMA							
ARIZ	41.6	29.5	760	716	53.7	65.9	44.0
N MEX	9.4	11.0	511	480	7.9	10.0	11.0
TEX	19.5	22.8	561	505	18.0	22.8	24.0
U S	70.5	63.3	672	599	79.6	98.7	79.0
ALL							
ALA	285.0	215.0	775	391	422.0	460.0	175.0
ARIZ	506.6	317.5	1,100	1,064	1,609.7	1,160.9	704.0
ARK	390.0	310.0	657	465	604.0	534.0	300.0
CALIF	1,370.0	965.0	1,077	1,020	3,535.0	3,073.0	2,050.0
FLA 3/	15.0	9.5	627	621	21.3	19.6	12.3
GA	158.0	115.0	714	438	159.0	235.0	105.0
LA	595.0	410.0	702	574	742.0	870.0	490.0
MISS	990.0	675.0	853	640	1,565.0	1,760.0	900.0
MO	151.0	93.0	648	377	168.0	204.0	73.0
NEV 3/	.7	.0	617	0	1.5	.9	.0
N MEX	77.4	60.0	546	584	140.9	88.0	73.0
N C	70.0	59.0	699	366	95.0	102.0	45.0
OKLA	450.0	300.0	254	224	440.0	238.0	140.0
S C	95.0	69.0	783	383	164.0	155.0	55.0
TENN	255.0	215.0	638	335	315.0	339.0	150.0
TEX	4,319.5	3,322.8	303	321	5,663.0	2,722.8	2,224.0
VA 3/	.3	.3	640	320	.3	.4	.2
U S	9,728.5	7,136.1	590	504	15,645.7	11,962.6	7,496.5

1/ PRODUCTION GINNED AND TO BE GINNED.

2/ 480-LB. NET WEIGHT BALES.

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

COTTONSEED

STATE	PRODUCTION		
	1981	1982	IND 1983
	1,000 TONS		
U S	6,397	4,744	3,017

TOBACCO

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	ACRES		POUNDS		1,000	POUNDS	
CONN	2,670	2,150	1,590	1,700	5,645	4,244	3,655
FLA	9,300	8,400	2,255	2,250	22,848	20,972	18,900
GA	50,000	45,000	2,110	2,100	121,000	105,500	94,500
IND	8,600	7,500	2,350	1,350	18,800	20,210	10,125
KY	239,100	202,200	2,414	1,490	509,576	577,100	301,278
LA 1/					45		
MD	27,000	26,000	1,390	1,050	33,000	37,530	27,300
MASS	550	425	1,613	1,770	1,970	887	752
MO 2/	2,900	2,900	2,050	2,000	6,076	5,945	5,800
N C	325,040	281,000	2,156	1,935	795,909	700,689	543,735
OHIO	14,400	12,000	2,213	1,400	22,854	31,860	16,800
PA	13,000	12,000	1,991	1,750	27,265	25,885	21,000
S C	59,000	55,000	2,105	2,050	149,580	124,195	112,750
TENN	82,610	72,450	2,156	1,540	161,463	178,117	111,573
VA	61,670	55,800	2,033	1,715	158,797	125,384	95,697
W VA 2/	1,900	2,000	1,890	1,900	2,430	3,591	3,800
WIS	10,100	8,400	1,994	1,915	26,353	20,136	16,086
U S	907,840	793,225	2,183	1,744	2,063,611	1,982,245	1,383,751

1/ ESTIMATES DISCONTINUED AFTER 1981 CROP.

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

SUGARBEETS

1/

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		TONS		1,000	TONS	
ARIZ	12.8		23.3		300	298	
CALIF	165.0	171.0	25.5	24.5	7,254	4,200	4,190
COLO	46.0	35.0	20.0	17.0	1,733	920	595
IDAHO	136.0	143.0	23.4	24.0	3,754	3,182	3,432
KANS	9.5	4.8	17.9	15.5	284	170	74
MICH	96.5	101.0	19.2	18.5	2,030	1,853	1,869
MINN	253.0	257.0	18.8	17.5	4,403	4,756	4,498
MONT	43.0	41.4	19.8	19.8	926	850	820
NEBR	45.4	63.0	20.4	20.0	1,889	926	1,260
N MEX 2/	.7		17.1		43	12	
N DAK	144.8	144.0	17.1	17.5	2,695	2,476	2,520
OHIO		12.7		18.0	274		229
OREG	10.3	10.8	24.4	28.0	300	251	302
TEX	29.4	32.0	18.9	20.0	575	556	640
WYO	38.4	31.7	21.1	20.0	1,078	810	634
U S	1,030.8	1,047.4	20.6	20.1	27,538	21,260	21,063

1/ RELATES TO INTENDED HARVEST EXCEPT FOR OVERWINTERED SPRING PLANTED BEETS IN CALIF.

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

SUGARCANE FOR SUGAR AND SEED

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1982	IND 1983	1982	IND 1983	1981	1982	IND 1983
	1,000 ACRES		TONS		1,000	TONS	
FLA	373.0	370.0	33.8	34.5	10,019	12,613	12,765
HAW	94.7	100.0	95.0	96.0	9,081	8,997	9,600
LA	255.0	265.0	27.6	27.0	7,134	7,030	7,155
TEX	36.7	36.2	30.8	33.0	1,174	1,130	1,195
U S	759.4	771.2	39.2	39.8	27,408	29,770	30,715

PRUNES

STATE	PRODUCTION		
	TOTAL		
	1981	1982	IND 1983
CALIF (DRIED BASIS)	159,500	126,000	135,000

FILBERTS

STATE	PRODUCTION		
	TOTAL		
	1981	1982	IND 1983
OREG	14,400	18,400	6,300
WASH	300	400	200
U S	14,700	18,800	6,500

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

PAPAYAS - HAWAII

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED		1982	1983	FORECAST
	1982	1983	1982	1983			1983
	ACRES				1,000 POUNDS		
SEP	3,200	3,540	2,115	2,110	3,406	2,000	
OCT	3,235	3,575	2,130	2,225	3,877	4,000	
NOV	3,315		2,140		3,654		4,500
DEC	3,045		2,090		4,063		4,000
JAN		3,010		2,030		3,640	4,000
FEB		3,060		2,045		2,780	3,300
CUMULATIVE FRESH PRODUCTION JAN-OCT					37,053	34,690	

CITRUS FRUIT

1/

CROP	PRODUCTION BOXES			PRODUCTION TON EQUIVALENT		
	AND	UTILIZED	INDICATED	UTILIZED	INDICATED	
STATE	1981-82	1982-83	1983-84	1981-82	1982-83	1983-84
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVEL 3/ 4/:						
ARIZ	900	1,050	900	34	39	34
CALIF	26,500	40,200	27,000	994	1,508	1,012
FLA	74,000	70,200	94,000	3,330	3,159	4,230
TEX	3,610	3,590	3,500	153	152	149
U S	105,010	115,040	125,400	4,511	4,858	5,425
ORANGES, VALENCIA 4/:						
ARIZ	2,150	2,750	2,300	81	103	86
CALIF	15,400	33,000	19,000	578	1,238	713
FLA	51,800	69,300	74,000	2,331	3,118	3,330
TEX	2,330	2,090	1,800	99	89	77
U S	71,680	107,140	97,100	3,089	4,548	4,206
ALL ORANGES 4/:						
ARIZ	3,050	3,800	3,200	115	142	120
CALIF	41,900	73,200	46,000	1,572	2,746	1,725
FLA	125,800	139,500	168,000	5,661	6,277	7,560
TEX	5,940	5,680	5,300	252	241	226
U S	176,690	222,180	222,500	7,600	9,406	9,631
TEMPLES						
FLA 4/:	3,200	4,700	4,500	144	211	203
GRAPEFRUIT, WHITE SEEDLESS						
FLA 4/:	27,300	21,800	26,000	1,160	926	1,105
GRAPEFRUIT, PINK SEEDLESS						
FLA 4/:	14,800	12,800	14,000	629	544	595
OTHER GRAPEFRUIT						
FLA 4/:	6,000	4,800	6,000	255	204	255
ALL GRAPEFRUIT						
ARIZ	2,400	2,700	2,200	77	87	70
CALIF 5/:						
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 4/:	48,100	39,400	46,000	2,044	1,674	1,955
TEX	13,900	11,200	11,500	556	448	460
U S	70,400	60,600		2,873	2,447	
TANGERINES						
ARIZ	750	880	1,000	28	33	38
CALIF	1,730	2,120	1,900	65	80	71
FLA 4/:	2,500	2,250	2,900	119	107	138
U S	4,980	5,250	5,800	212	220	247
LEMONS						
ARIZ	6,300	5,050	6,500	239	191	247
CALIF	18,500	19,900	20,250	703	756	770
U S	24,800	24,950	26,750	942	947	1,017
TANGELOS						
FLA 4/:	5,100	3,800	3,200	229	171	144

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.

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

PASTURE AND RANGE FEED CONDITION 1/

STATE	AVERAGE	1982	1983	STATE	AVERAGE	1982	1983
	1972-81				1972-81		
		PERCENT				PERCENT	
ALA	71	71	66	NEV	81	99	105
ARIZ	70	80	96	N H	86	90	80
ARK	73	73	45	N J	76	73	63
CALIF	74	88	91	N MEX	76	81	64
COLO	70	86	82	N Y	84	76	81
CONN	83	90	74	N C	77	82	69
DEL	79	61	75	N DAK	66	82	72
FLA	74	81	81	OHIO	86	73	68
GA	63	71	67	OKLA	71	64	71
IDAHO	82	95	98	OREG	84	93	88
ILL	81	86	65	PA	80	71	67
IND	84	83	61	R I	88	90	88
IOWA	79	89	77	S C	63	78	54
KANS	73	81	64	S DAK	65	89	83
KY	86	90	61	TENN	78	84	60
LA	71	79	69	TEX	70	52	61
MAINE	83	90	78	UTAH	75	96	106
MD	75	72	65	VT	83	90	82
MASS	83	90	74	VA	80	83	65
MICH	83	82	83	WASH	80	88	87
MINN	75	81	81	W VA	79	73	62
MISS	71	84	69	WIS	77	86	87
MO	75	89	64	WYO	80	95	93
MONT	78	95	73	U S	75	80	73
NEBR	71	88	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.

CORN CROPPING PRACTICES

PLANT POPULATION PER ACRE AND ROW WIDTH

The Statistical Reporting Service collects objective information on corn development during the production period. Counts and measurements are made by trained enumerators during visits to random plots in a scientific sampling of fields in 10 States which account for approximately 81 percent of the 1983 corn production. Information in the following tables represents sample data and averages from these counts. The data, which are subject to sampling fluctuations, are not official Crop Reporting Board estimates but do show trends in corn cropping practices over a period of years.

In 1983, the plant population showed an increase from 1982 in four States, a decrease in five States and was unchanged in one State. Average row widths tended to decrease in 1983 with five States showing decreases, three States showing increases and two States remaining the same as last year.

CORN FOR GRAIN: PLANT POPULATION PER ACRE,
SELECTED STATES, 1979-83 1/

STATE	1979	1980	1981	1982	1983
	NUMBER OF PLANTS				
ILL	20,600	21,200	20,700	22,200	22,000
IND	20,000	21,100	19,700	21,700	20,900
IOWA	20,300	20,200	20,800	21,100	21,800
MICH	19,000	19,300	18,800	20,700	19,200
MINN	20,200	19,600	19,500	20,700	20,700
MO	15,400	16,000	16,600	16,800	18,200
NEBR	18,400	19,800	19,300	19,400	20,100
OHIO	20,700	21,400	20,800	21,700	20,800
S DAK	13,700	14,500	13,300	14,800	15,000
WIS	19,600	19,800	20,100	20,900	20,300

1/ BASED ON STALK COUNTS IN PLOTS SELECTED FOR OBJECTIVE YIELD SAMPLES.

CORN FOR GRAIN: PERCENTAGE DISTRIBUTION BY ROW WIDTH AND AVERAGE
ROW WIDTH FOR SELECTED STATES, 1981-83

STATE AND YEAR	NUMBER OF SAMPLES	ROW WIDTH (INCHES) 1/							AVERAGE ROW WIDTH	
		30.5 OR LESS	30.6 -: 32.5	32.6 -: 34.5	34.6 -: 36.5	36.6 -: 38.5	38.6 -: 40.5	40.6 & GREATER		
		NUMBER	PERCENT OF SAMPLES							
ILL	1981	220	36.4	8.6	2.7	16.4	28.6	6.4	.9	34.0
	1982	222	39.2	9.9	.9	15.8	25.7	7.7	.9	33.9
	1983	210	38.6	9.0	.5	18.1	28.6	5.2	0	33.8
IND	1981	170	38.2	11.8	1.2	12.9	25.9	9.4	.6	33.8
	1982	180	48.3	10.0	2.2	17.2	18.3	2.8	1.1	32.9
	1983	171	38.0	14.0	1.8	18.1	21.1	7.0	0	33.5
IA	1981	212	26.4	10.4	.5	9.9	38.7	13.2	.9	35.0
	1982	214	24.8	8.4	2.3	8.9	39.7	13.1	2.8	35.3
	1983	193	28.5	8.3	.5	11.9	37.3	11.9	1.6	34.9
MICH	1981	79	44.3	8.9	5.1	8.9	16.5	11.4	5.1	33.6
	1982	93	38.7	18.3	3.2	7.5	18.3	8.6	5.4	33.5
	1983	83	39.8	14.5	7.2	4.8	18.1	8.4	7.2	33.5
MINN	1981	145	32.4	11.7	.7	8.3	31.7	14.5	.7	34.5
	1982	152	33.6	10.5	2.0	9.2	27.0	15.8	2.0	34.4
	1983	148	41.9	10.2	2.0	10.1	21.6	14.2	0	33.7
MO	1981	116	31.0	14.7	.9	5.2	29.3	18.1	.9	34.5
	1982	125	30.4	17.6	1.6	13.6	26.4	10.4	0	34.1
	1983	113	38.9	14.2	.9	6.2	27.4	11.5	.9	33.8
NEBR	1981	188	26.6	10.1	.5	23.9	23.9	11.2	3.7	34.8
	1982	164	28.7	6.1	0	28.1	20.7	14.0	2.4	34.8
	1983	193	32.1	7.3	1.6	20.7	23.3	11.4	3.6	34.5
OHIO	1981	139	50.4	13.7	3.6	12.2	10.1	8.6	1.4	32.6
	1982	157	47.1	17.2	3.2	11.5	10.8	8.3	1.9	32.7
	1983	156	43.6	16.0	1.9	12.8	18.0	5.8	1.9	32.9
S DAK	1981	87	2.3	3.5	0	2.3	47.1	41.4	3.5	38.1
	1982	83	4.8	8.4	1.2	10.8	41.0	30.1	3.6	37.1
	1983	78	11.5	2.6	0	9.0	37.2	34.6	5.1	37.2
WIS	1981	133	14.3	6.0	6.0	10.5	36.8	24.8	1.5	36.2
	1982	122	14.8	10.7	.8	15.6	37.7	14.8	5.7	36.0
	1983	129	17.9	6.2	2.3	12.4	34.9	24.0	2.3	36.0

1/ SPACINGS BASED ON ROW MEASUREMENTS IN SAMPLE PLOTS SELECTED FOR OBJECTIVE YIELD DETERMINATIONS.

SOYBEANS: VARIETIES GROWN AND ROW SPACING--1983

The Statistical Reporting Service conducted soybean objective yield surveys in 15 States which accounted for about 88 percent of the 1983 U.S. soybean production. Plots were randomly selected from a scientifically drawn sample of soybean fields, which were visited monthly from about August 1 through harvest, to obtain specific counts and measurements.

Sample data and the derived percentages from the surveys presented in the following tables are not official estimates of the Crop Reporting Board but are intended to show trends in soybean production practices.

Williams, the leading soybean variety for the eighth consecutive year, accounted for 12.3 percent of the acreage in the 15 States surveyed. This was down from the 14.8 percent in 1982. Asgrow, at 8.8 percent of the acreage, was in second place and Forrest, at 6.0 percent, was in third place.

Average row space measurements in 1983, in the 10 States for which data were available, decreased in all but 3 States. The Ohio average row spacing continued narrower than other North Central States because of the higher percentage of the acreage which is drill planted.

SOYBEANS: REGIONAL DISTRIBUTION OF MAJOR VARIETIES,
PERCENT OF ACREAGE HARVESTED, 1983 CROP 1/

VARIETY	NORTH CENTRAL 2/	SOUTH CENTRAL 3/	SOUTH ATLANTIC 4/	15 STATES
WILLIAMS 5/	19.2			12.3
ASGROW 7/	12.2	3.7	6/	8.8
FORREST	1.5	17.9	4.7	6.0
CENTENNIAL		16.3	12.4	5.5
BRAGG		9.6	27.0	5.3
PIONEER 7/	6.6			4.2
COKER 7/		4.5	21.7	3.4
CORSOY 5/	4.4			2.8
NORTHRUP KING 7/	3.7			2.3
ESSEX	1.0	5.8	2.0	2.3
BEDFORD	6/	7.6	1.1	2.1
DAVIS		5.7	4.8	2.0
CENTURY	2.9			1.9
LEE 5/		6.1		1.5
RANSOM		2.8	5.9	1.3
PETERSON 7/	2.0			1.3
AGRI PRO 7/	1.7			1.1
HODGSON	1.6			1.0
ALL OTHER 8/	43.2	20.0	20.4	34.9
ALL VARIETIES	100.0	100.0	100.0	100.0

1/ REPORTED FOR THE FIELDS USED IN OBTAINING OBJECTIVE YIELD DATA.
 2/ INCLUDES ILL, IND, IOWA, MINN, MO, NEBR, AND OHIO. 3/ INCLUDES ALA, ARK, LA, MISS, AND TENN. 4/ INCLUDES GA, N C, AND S C. 5/ INCLUDES VARIETIES WITH ADDITIONAL NUMERIC IDENTIFICATION SUCH AS WILLIAMS "79", AMSOY "71", PICKETT "71", ETC. 6/ LESS THAN 1 PERCENT OF REGIONAL TOTAL, INCLUDED IN ALL OTHER. 7/ PRIVATE VARIETY. INCLUDES ALL NUMERICAL VARIETY DESIGNATIONS MARKETED UNDER COMPANY NAME. 8/ INCLUDES UNKNOWN VARIETIES AND VARIETIES WITH LESS THAN 1 PERCENT OF THE 15 STATE TOTAL.

SOYBEANS: DISTRIBUTION OF MAJOR VARIETIES, OBJECTIVE YIELD STATES,
PERCENT OF ACREAGE HARVESTED, 1983 CROP 1/

LEADING VARIETIES BY PERCENT OF ACREAGE HARVESTED					
STATE	FIRST		SECOND		THIRD
	NAME	PERCENT	NAME	PERCENT	NAME PERCENT
ALA	CENTENNIAL	18.1	ESSEX	15.7	RANSOM 15.1
ARK	FORREST	35.3	BEDFORD	13.2	CENTENNIAL 12.1
GA	BRAGG	41.2	COKER 3/	17.5	WRIGHT 12.9
ILL	WILLIAMS 2/	26.1	ASGROW 3/	16.1	PIONEER 3/ 5.2
IND	WILLIAMS 2/	26.2	CENTURY	16.4	PIONEER 3/ 13.3
IOWA	ASGROW 3/	12.7	NORTHROP KING 3/	9.1	PIONEER 3/ 8.1
LA	BRAGG	14.7	COKER	12.4	CENTENNIAL 11.9
MINN	CORSOY 2/	18.8	HODGSON	12.9	EVANS 11.9
MISS	CENTENNIAL	34.9	BRAGG	15.1	DAVIS 9.9
MO	WILLIAMS 2/	42.8	ASGROW 3/	13.1	FORREST 9.8
NEBR	ASGROW 3/	31.5	WILLIAMS 2/	12.5	CENTURY 6.5
N C	BRAGG	18.7	CENTENNIAL	16.5	FORREST 13.7
OHIO	WILLIAMS 2/	18.5	AMSOY 2/	5.7	ASGROW 3/ 4.7
S C	COKER 3/	37.1	BRAGG	16.5	BRAXTON 10.8
TENN	ESSEX	23.0	BEDFORD	20.7	ASGROW 3/ 19.0

1/ REPORTED FOR SAMPLE FIELDS USED FOR OBTAINING OBJECTIVE YIELD DATA.
2/ INCLUDES VARIETIES WITH ADDITIONAL NUMERICAL DESIGNATIONS SUCH AS WILLIAMS "79", AMSOY "71", PICKETT "71", ETC. 3/ PRIVATE VARIETY. INCLUDES ALL NUMERICAL VARIETY DESIGNATIONS MARKETED UNDER COMPANY NAME.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGES DISTRIBUTION AND
AVERAGE WIDTH FOR SELECTED STATES, 1981-83 1/

STATE AND YEAR	NUMBER OF SAMPLES	ROW WIDTH GROUPS (INCHES)					AVERAGE WIDTH 2/ (INCHES)
		10.0 & LESS	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & GREATER	
PERCENT OF PLOTS							
ARK	1981 : 129	12.0	1.6	10.5	23.3	52.6	33.9
	1982 : 136	11.8	1.5	12.1	25.0	49.6	33.8
	1983 : 135	12.6	1.1	13.7	28.5	44.1	33.4
ILL	1981 : 162	17.6	3.4	6.5	44.4	28.1	27.8
	1982 : 165	17.9	2.4	5.5	47.3	27.0	27.9
	1983 : 167	17.7	7.2	5.7	45.2	24.3	26.8
IND	1981 : 104	12.0	2.9	3.4	52.9	28.8	30.1
	1982 : 104	13.9	7.2	7.2	42.8	28.8	29.3
	1983 : 112	17.9	4.9	4.5	44.6	28.1	28.0
IOWA	1981 : 156	3.5	2.6	6.4	43.3	44.2	32.4
	1982 : 140	2.5	2.5	4.3	46.8	43.9	32.5
	1983 : 151	4.3	4.3	7.0	43.7	40.7	31.6
KY	1981 : NA	NA	NA	NA	NA	NA	NA
	1982 : NA	NA	NA	NA	NA	NA	NA
	1983 : NA	NA	NA	NA	NA	NA	NA
LA	1981 : 81	33.3	0	4.3	18.5	43.9	35.3
	1982 : 90	35.6	1.7	7.8	17.8	37.2	33.5
	1983 : 109	25.7	0	9.2	14.2	50.9	34.8
MINN	1981 : 91	9.9	3.3	6.6	46.1	34.1	29.7
	1982 : 92	17.4	10.9	7.1	38.0	26.6	26.6
	1983 : 101	13.4	7.9	7.4	51.5	19.8	27.1
MISS	1981 : 124	21.0	3.6	6.9	16.5	52.0	33.8
	1982 : 111	23.9	3.6	7.2	19.4	45.9	33.1
	1983 : 106	14.2	6.1	9.9	22.6	47.2	31.5
MO	1981 : 132	18.2	3.4	3.4	45.8	29.2	28.8
	1982 : 147	22.1	5.8	4.1	35.7	32.3	27.7
	1983 : 153	26.5	8.5	4.9	38.6	21.6	26.1
OHIO	1981 : 112	37.2	10.7	7.1	37.9	7.1	21.2
	1982 : 110	35.0	11.4	3.2	36.8	13.6	22.1
	1983 : 105	37.6	6.7	2.4	40.5	12.9	21.7
TENN	1981 : 79	18.4	10.1	11.4	10.8	49.3	30.0
	1982 : 75	26.0	6.0	14.0	12.7	41.3	28.3
	1983 : 83	21.7	12.7	7.2	27.1	31.3	28.6

NA = NOT AVAILABLE. 1/ BASED ON ROW MEASUREMENTS IN PLOTS SELECTED FOR OBJECTIVE YIELD SAMPLES. 2/ BROADCAST SOYBEANS INCLUDED AS 10.0 INCHES AND LESS BUT EXCLUDED IN COMPUTATION OF AVERAGE WIDTH.

I N D E X

	<u>PAGE</u>
BEANS, DRY EDIBLE	B- 3
CITRUS FRUIT	B- 7
CORN CROPPING PRACTICES	B- 9
CORN FOR GRAIN	B- 1
CORN FOR GRAIN ROW WIDTH	B-10
COTTON	B- 4
COTTONSEED	B- 4
NUTS	B- 6
PAPAYAS	B- 6
PASTURE AND RANGE FEED CONDITION	B- 8
PASTURE AND RANGE FEED CONDITION MAPS	A- 8
PEANUTS FOR NUTS	B- 2
PRUNES	B- 6
RICE	B- 2
SORGHUM FOR GRAIN	B- 2
SOYBEANS FOR BEANS	B- 3
SOYBEANS, VARIETIES GROWN AND ROW SPACING	B-11
SUGARBEETS	B- 5
SUGARCANE FOR SUGAR AND SEED	B- 5
TOBACCO BY STATES	B- 5
U S SUMMARY	A- 3

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