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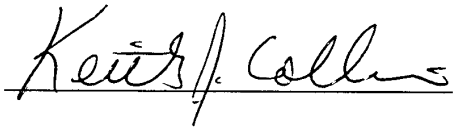
All Cotton Production Up 1 Percent from November All Orange Production Unchanged from October

All Cotton production is forecast at 19.0 million 480-pound bales, up 1 percent from last month but down 12 percent from last year's 21.6 million bales. Yield is expected to average 864 pounds per harvested acre, up 5 pounds from last month and up 50 pounds from 2006. If realized, the yield will be the largest on record surpassing the previous record of 855 pounds per acre set in 2004. Harvested area of all cotton is expected to total 10.5 million acres, unchanged from last month but down 17 percent from last year. Upland cotton production is forecast at 18.2 million 480-pound bales, up 1 percent from last month but down 13 percent from last year. A record high yield of 850 pounds per acre is forecast for upland cotton. Record yields are expected in Louisiana, New Mexico, Oklahoma, and Texas. American-Pima production is forecast at a record high 831,500 bales, up 2 percent from last month and up 9 percent from last year. American-Pima harvested area is expected to total 289,000 acres, unchanged from last month but down 11 percent from 2006.

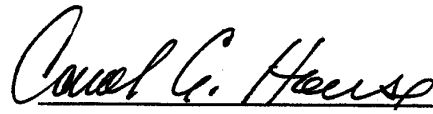
The U.S. all orange forecast for the 2007-08 season is 9.83 million tons, unchanged from the October 1 forecast but 29 percent higher than the 2006-07 final utilization of 7.59 million tons. Florida's all orange forecast, at 168 million boxes (7.56 million tons), is unchanged from the previous forecast but 30 percent higher than last season's final utilization of 129 million boxes. Early, midseason, and navel varieties in Florida are forecast at 81.0 million boxes (3.65 million tons), unchanged from October 1 but 23 percent above last season. Florida's Valencia forecast, at 87.0 million boxes (3.92 million tons), remains the same as the October 1 forecast but is 37 percent higher than 2006-07. Average early and midseason fruit sizes were the smallest ever measured in the month of November and are projected to be the smallest on record. Navel oranges are being harvested for gift fruit and fundraiser programs for the holidays. Arizona, California, and Texas orange production forecasts are carried forward from October.

Florida frozen concentrated orange juice (FCOJ) yield forecast for the 2007-08 season remains at 1.60 gallons per box at 42.0 degrees Brix, 3 percent lower than last season's final yield of 1.65 gallons per box. Projected yield from the 2007-08 early-midseason and Valencia varieties will be published in the January *Crop Production* report. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.

This report was approved on December 11, 2007.



Acting Secretary of
Agriculture
Keith J. Collins



Agricultural Statistics Board
Chairperson
Carol C. House

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**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 2006 and Forecasted December 1, 2007**

Type and State	Area Harvested		Yield			Production ¹	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Nov 1 Pounds</i>	<i>Dec 1 Pounds</i>	<i>1,000 Bales ²</i>	<i>1,000 Bales ²</i>
Upland							
AL	560.0	390.0	579	492	492	675.0	400.0
AZ	188.0	178.0	1,420	1,429	1,429	556.0	530.0
AR	1,160.0	850.0	1,045	1,056	1,062	2,525.0	1,880.0
CA	283.0	194.0	1,321	1,485	1,534	779.0	620.0
FL	101.0	82.0	789	585	644	166.0	110.0
GA	1,370.0	1,010.0	818	784	784	2,334.0	1,650.0
KS	110.0	45.0	511	533	533	117.0	50.0
LA	630.0	325.0	946	1,034	1,034	1,241.0	700.0
MS	1,220.0	655.0	829	975	975	2,107.0	1,330.0
MO	496.0	389.0	953	950	950	985.0	770.0
NM	48.0	44.0	930	1,124	1,124	93.0	103.0
NC	865.0	495.0	713	684	718	1,285.0	740.0
OK	180.0	165.0	541	844	873	203.0	300.0
SC	298.0	178.0	697	378	418	433.0	155.0
TN	695.0	495.0	945	601	596	1,368.0	615.0
TX	4,100.0	4,700.0	679	827	827	5,800.0	8,100.0
VA	104.0	59.0	717	748	830	155.4	102.0
US	12,408.0	10,254.0	806	845	850	20,822.4	18,155.0
Amer-Pima							
AZ	7.0	3.0	919	880	880	13.4	5.5
CA	274.0	257.0	1,204	1,401	1,438	687.0	770.0
NM	12.5	5.0	768	1,056	1,056	20.0	11.0
TX	30.0	24.0	720	900	900	45.0	45.0
US	323.5	289.0	1,136	1,348	1,381	765.4	831.5
All							
AL	560.0	390.0	579	492	492	675.0	400.0
AZ	195.0	181.0	1,402	1,420	1,420	569.4	535.5
AR	1,160.0	850.0	1,045	1,056	1,062	2,525.0	1,880.0
CA	557.0	451.0	1,263	1,437	1,479	1,466.0	1,390.0
FL	101.0	82.0	789	585	644	166.0	110.0
GA	1,370.0	1,010.0	818	784	784	2,334.0	1,650.0
KS	110.0	45.0	511	533	533	117.0	50.0
LA	630.0	325.0	946	1,034	1,034	1,241.0	700.0
MS	1,220.0	655.0	829	975	975	2,107.0	1,330.0
MO	496.0	389.0	953	950	950	985.0	770.0
NM	60.5	49.0	897	1,117	1,117	113.0	114.0
NC	865.0	495.0	713	684	718	1,285.0	740.0
OK	180.0	165.0	541	844	873	203.0	300.0
SC	298.0	178.0	697	378	418	433.0	155.0
TN	695.0	495.0	945	601	596	1,368.0	615.0
TX	4,130.0	4,724.0	679	828	828	5,845.0	8,145.0
VA	104.0	59.0	717	748	830	155.4	102.0
US	12,731.5	10,543.0	814	859	864	21,587.8	18,986.5

¹ Production ginned and to be ginned.

² 480-lb. net weight bale.

**Cottonseed: Production, United States,
2005-2006 and Forecasted December 1, 2007**

State	Production		
	2005 <i>1,000 Tons</i>	2006 <i>1,000 Tons</i>	2007 ¹ <i>1,000 Tons</i>
US	8,172.1	7,347.9	6,581.0

¹ Based on a 3-year average lint-seed ratio.

Papayas: Area and Fresh Production by Month, Hawaii, 2006-2007

Month	Area				Fresh Production ¹	
	Total in Crop		Harvested		2006	2007
	2006 <i>Acres</i>	2007 <i>Acres</i>	2006 <i>Acres</i>	2007 <i>Acres</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Sep	2,140	2,105	1,325	1,375	2,615	2,765
Oct	2,140	2,105	1,320	1,535	2,185	3,340

¹ Utilized fresh production.

**Citrus Fruits: Utilized Production by Crop, State, and United States,
2005-06, 2006-07 and Forecasted December 1, 2007 ¹**

Crop and State	Utilized Production Boxes			Utilized Production Ton Equivalent		
	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08
	<i>1,000 Boxes ²</i>	<i>1,000 Boxes ²</i>	<i>1,000 Boxes ²</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
Oranges						
Early Mid & Navel ³						
AZ ⁴	250	200	200	9	8	8
CA ⁴	47,000	34,000	43,000	1,763	1,275	1,613
FL ⁵	75,000	65,600	81,000	3,375	2,952	3,645
TX ⁴	1,400	1,600	1,450	60	68	62
US	123,650	101,400	125,650	5,207	4,303	5,328
Valencia						
AZ ⁴	200	100	100	8	4	4
CA ⁴	14,000	11,000	15,000	525	413	563
FL	72,700	63,400	87,000	3,272	2,853	3,915
TX ⁴	200	380	350	9	16	15
US	87,100	74,880	102,450	3,814	3,286	4,497
All						
AZ ⁴	450	300	300	17	12	12
CA ⁴	61,000	45,000	58,000	2,288	1,688	2,176
FL	147,700	129,000	168,000	6,647	5,805	7,560
TX ⁴	1,600	1,980	1,800	69	84	77
US	210,750	176,280	228,100	9,021	7,589	9,825
Temples ⁵						
FL	700			32		
Grapefruit						
White						
FL	6,500	9,300	8,000	276	395	340
Colored						
FL	12,800	17,900	17,000	544	761	723
All						
AZ ⁴	100	100	200	3	3	7
CA ⁴	6,000	4,000	4,500	201	134	151
FL	19,300	27,200	25,000	820	1,156	1,063
TX ⁴	5,200	7,100	6,800	208	284	272
US	30,600	38,400	36,500	1,232	1,577	1,493
Tangerines						
AZ ^{4 6}	550	300	400	21	11	15
CA ^{4 6}	3,600	2,900	4,700	135	109	176
FL	5,500	4,600	4,800	261	219	228
US	9,650	7,800	9,900	417	339	419
Lemons ⁴						
AZ	3,800	2,500	1,500	144	95	57
CA	22,000	16,000	16,500	836	608	627
US	25,800	18,500	18,000	980	703	684
Tangelos						
FL	1,400	1,250	1,300	63	56	59

¹ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year.

² Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ & CA-67, FL-85, TX-80; lemons-76; tangelos-90; Temples-90; tangerines-AZ & CA-75, FL-95.

³ Navel and miscellaneous varieties in AZ and CA. Early (including navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX.

⁴ Estimates for current year carried forward from previous forecast.

⁵ Temples included in early and midseason orange varieties beginning with 2006-07 season.

⁶ Includes tangelos and tangors.

**Dry Edible Beans: Area Planted and Harvested, Yield, and Production
by State and United States, 2005-2007 ¹**

State	Area Planted			Area Harvested		
	2005	2006	2007	2005	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
CA	66.0	67.0	59.0	65.0	65.0	58.0
CO	90.0	70.0	48.0	80.0	60.0	44.0
ID	100.0	105.0	90.0	98.0	103.0	89.0
KS	13.0	11.0	6.5	12.5	10.0	6.0
MI	235.0	225.0	200.0	230.0	215.0	195.0
MN	145.0	145.0	150.0	135.0	135.0	145.0
MT	18.0	19.5	18.5	14.1	18.6	17.8
NE	175.0	140.0	110.0	172.0	124.0	107.0
NM	6.3	8.2	7.5	6.3	8.2	7.5
NY	25.0	19.0	17.0	23.0	18.0	16.5
ND	620.0	670.0	690.0	565.0	640.0	665.0
OR	9.0	10.0	8.0	8.8	9.8	7.9
SD	17.5	21.5	12.5	17.4	19.0	12.2
TX	17.0	20.0	16.0	15.3	18.0	15.4
UT	4.5	3.0	1.4	4.5	0.5	1.3
WA	49.0	61.0	60.0	48.0	60.5	60.0
WI	5.7	5.6	6.1	5.7	5.5	6.0
WY	34.0	29.0	25.0	33.0	27.5	24.0
US	1,630.0	1,629.8	1,525.5	1,533.6	1,537.6	1,477.6
	Yield per Acre ²			Production ²		
	2005	2006	2007	2005	2006	2007
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	2,130	1,860	2,160	1,385	1,209	1,253
CO	1,650	1,900	1,600	1,320	1,140	704
ID	1,900	1,850	1,800	1,862	1,906	1,602
KS	2,200	2,100	2,100	275	210	126
MI	1,700	1,900	1,550	3,910	4,085	3,023
MN	1,800	1,650	1,800	2,430	2,228	2,610
MT	2,000	1,640	1,750	282	305	311
NE	2,250	2,200	2,280	3,870	2,728	2,440
NM	2,200	2,400	2,400	139	197	180
NY	1,230	1,330	930	282	239	153
ND	1,520	1,200	1,590	8,588	7,680	10,574
OR	2,000	1,940	1,850	176	190	146
SD	1,730	1,180	1,750	301	224	214
TX	1,520	1,320	1,500	233	238	231
UT	500	350	300	23	2	4
WA	1,650	1,600	1,700	792	968	1,020
WI	2,250	1,960	1,530	128	108	92
WY	2,350	2,150	2,300	776	590	552
US	1,746	1,577	1,708	26,772	24,247	25,235

¹ Excludes beans grown for garden seed.

² Clean Basis.

Dry Edible Beans: Area Planted and Harvested by Commercial Class, State, and Total, 2005-2007¹

Class and State	Area Planted			Area Harvested		
	2005	2006	2007	2005	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Large Lima - CA	15.1	12.9	13.9	15.0	12.5	13.8
Baby Lima - CA	16.7	13.5	16.0	16.4	13.0	15.6
Navy						
ID	5.7	5.2	3.3	5.5	5.1	3.3
MI	75.5	80.0	61.0	74.5	77.5	59.5
MN	53.0	62.0	56.0	49.6	56.4	54.0
NE	4.2	3.1		3.9	2.7	
ND	90.0	120.0	96.0	82.0	113.0	89.0
OR	0.6	0.8	0.6	0.6	0.8	0.6
SD	5.5	7.5	3.9	5.4	6.4	3.8
WA	0.9	0.6		0.9	0.6	
WY	1.0	1.5	1.0	1.0	1.4	0.9
Total	236.4	280.7	221.8	223.4	263.9	211.1
Great Northern						
ID	2.1	2.7	2.0	2.1	2.6	2.0
MI	2.0	0.5		1.8	0.5	
NE	62.0	58.0	48.0	60.9	49.0	45.9
ND	4.2	7.5	8.0	4.0	6.5	7.7
WA	0.7			0.7		
WY	1.8	1.0	1.0	1.7	0.7	0.9
Total	72.8	69.7	59.0	71.2	59.3	56.5
Small White						
ID	1.1	1.2	0.4	1.1	1.2	0.4
OR	0.5	0.4		0.5	0.4	
WA	0.6	0.5		0.6	0.5	
Total	2.2	2.1	0.4	2.2	2.1	0.4
Pinto						
CO	77.0	59.0	37.0	69.0	50.0	34.0
ID	29.5	26.0	25.0	29.0	25.5	24.7
KS	13.0	11.0	6.5	12.5	10.0	6.0
MI	18.0	5.0	4.0	17.5	4.9	3.9
MN	23.0	16.0	22.0	21.1	15.3	21.0
MT	12.0	10.7	8.5	10.0	10.5	8.4
NE	85.0	64.3	48.0	83.6	59.5	47.4
NM	6.3	8.2	7.5	6.3	8.2	7.5
ND	475.0	453.0	502.0	432.0	435.0	487.0
OR	1.1	1.0	0.4	1.0	0.9	0.4
SD	3.0	2.4	1.9	3.0	2.1	1.9
UT	4.5	3.0	1.4	4.5	0.5	1.3
WA	8.4	6.3	8.3	8.3	6.2	8.3
WY	29.0	25.0	22.0	28.3	24.0	21.3
Total	784.8	690.9	694.5	726.1	652.6	673.1

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 2005-2007 ¹

Class and State	Yield per Acre ²			Production ²		
	2005 <i>Pounds</i>	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2005 <i>1,000 Cwt</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
Large Lima - CA	2,390	1,910	2,320	359	239	320
Baby Lima - CA	2,350	2,340	2,290	385	304	357
Navy						
ID	2,470	2,470	2,670	136	126	88
MI	1,760	1,960	1,590	1,310	1,520	946
MN	1,950	1,650	1,850	967	930	1,000
NE	2,000	2,000		78	54	
ND	1,620	1,400	1,810	1,330	1,585	1,611
OR	2,300	1,650	2,200	14	13	13
SD	2,200	1,200	2,400	119	77	91
WA	2,050	2,170		18	13	
WY	2,300	2,500	2,400	23	35	22
Total	1,788	1,649	1,786	3,995	4,353	3,771
Great Northern						
ID	2,430	2,420	2,450	51	63	49
MI	1,660	2,000		30	10	
NE	2,270	2,100	2,160	1,382	1,030	993
ND	1,750	1,080	1,470	70	70	113
WA	2,200			15		
WY	2,180	2,430	2,200	37	17	20
Total	2,226	2,007	2,080	1,585	1,190	1,175
Small White						
ID	2,180	2,330	2,500	24	28	10
OR	1,800	1,990		9	8	
WA	2,300	2,000		14	10	
Total	2,136	2,190	2,500	47	46	10
Pinto						
CO	1,650	1,900	1,560	1,140	950	530
ID	2,270	2,500	2,510	658	638	620
KS	2,200	2,100	2,100	275	210	126
MI	1,600	1,900	1,490	280	93	58
MN	1,550	1,500	1,800	327	230	379
MT	2,390	2,230	2,450	239	234	206
NE	2,370	2,290	2,430	1,982	1,363	1,152
NM	2,200	2,400	2,400	139	197	180
ND	1,510	1,150	1,560	6,530	4,988	7,606
OR	2,000	2,250	2,500	20	20	10
SD	2,150	1,900	2,700	65	40	51
UT	500	350	300	23	2	4
WA	3,000	2,310	2,770	249	143	230
WY	2,380	2,130	2,300	674	510	490
Total	1,735	1,474	1,730	12,601	9,618	11,642

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2005-2007¹**

Class and State	Area Planted			Area Harvested		
	2005 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2005 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>
Light Red						
Kidney						
CA	3.5	1.9	1.5	3.5	1.9	1.5
CO	7.0	4.0	6.0	6.0	3.6	5.8
ID	2.0	1.6	1.3	2.0	1.6	1.3
MI	17.0	11.3	8.6	16.8	10.3	8.4
MN	10.3	9.0	11.0	9.9	8.5	10.5
NE	17.0	8.6	11.5	16.9	7.3	11.2
NY	13.0	7.0	7.5	12.2	6.6	7.3
OR	0.5			0.5		
WA	1.1			1.0		
Total	71.4	43.4	47.4	68.8	39.8	46.0
Dark Red						
Kidney						
CA	1.2	0.4	0.5	1.2	0.4	0.5
ID	1.8	1.8	0.9	1.8	1.8	0.9
MI	8.0	4.0	2.3	7.7	3.6	2.0
MN	36.5	31.0	27.0	34.7	29.3	26.5
NY	1.5	2.0	1.5	1.2	1.9	1.4
ND	4.0	2.0	1.5	3.8	1.9	1.4
OR	0.7	0.5	0.4	0.7	0.5	0.4
WA	1.3	1.5		1.2	1.5	
WI ²	5.7	5.6	6.1	5.7	5.5	6.0
Total	60.7	48.8	40.2	58.0	46.4	39.1
Pink						
CA	0.3	0.2		0.3	0.2	
ID	12.8	10.4	6.1	12.5	10.2	6.1
MN	8.5	10.5	8.8	8.0	9.7	8.4
ND	12.0	20.0	13.0	10.8	19.4	12.5
OR	0.3		0.5	0.3		0.5
WA	4.0	4.2	2.4	3.9	3.9	2.4
Total	37.9	45.3	30.8	35.8	43.4	29.9
Small Red						
ID	8.2	3.8	4.5	8.0	3.7	4.4
MI	31.0	20.0	16.0	30.5	19.5	15.5
MN	2.7	2.5	1.7	2.4	2.4	1.6
ND	5.5	6.0	5.5	5.2	5.7	5.3
WA	3.5	3.2	2.9	3.4	3.1	2.9
Total	50.9	35.5	30.6	49.5	34.4	29.7
Cranberry						
CA	1.1	0.8	0.6	1.1	0.8	0.6
ID	0.8	1.0	0.9	0.7	1.0	0.9
MI	10.5	8.0	6.9	9.5	7.9	6.8
Total	12.4	9.8	8.4	11.3	9.7	8.3

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Includes some Light Red Kidney to avoid disclosure of individual operations.

Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 2005-2007 ¹

Class and State	Yield per Acre ²			Production ²		
	2005 <i>Pounds</i>	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2005 <i>1,000 Cwt</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
Light Red						
Kidney						
CA	1,630	1,470	1,270	57	28	19
CO	1,830	1,750	2,190	110	63	127
ID	2,250	1,880	2,150	45	30	28
MI	1,430	1,700	1,200	240	175	101
MN	1,800	2,150	1,750	178	183	184
NE	1,800	2,400	2,170	304	175	243
NY	1,100	1,330	800	134	88	58
OR	2,200			11		
WA	2,350			24		
Total	1,603	1,864	1,652	1,103	742	760
Dark Red						
Kidney						
CA	1,830	2,250	1,000	22	9	5
ID	2,000	1,940	1,780	36	35	16
MI	1,430	1,170	900	110	42	18
MN	1,900	1,850	1,800	659	542	478
NY	830	780	1,000	10	15	14
ND	1,240	1,630	1,790	47	31	25
OR	1,860	2,200	2,030	13	11	8
WA	1,850	2,000		22	30	
WI ³	2,250	1,960	1,530	128	108	92
Total	1,805	1,774	1,678	1,047	823	656
Pink						
CA	1,000	1,500		3	3	
ID	2,240	2,400	2,430	280	245	148
MN	1,600	1,200	1,560	128	116	131
ND	1,510	1,430	1,870	163	277	234
OR	2,500		2,230	8		11
WA	2,050	2,310	2,210	80	90	53
Total	1,849	1,684	1,930	662	731	577
Small Red						
ID	2,410	2,460	2,360	193	91	104
MI	1,770	2,000	1,660	540	390	257
MN	1,210	1,330	1,880	29	32	30
ND	1,210	1,190	1,400	63	68	74
WA	2,300	2,190	2,590	78	68	75
Total	1,824	1,887	1,818	903	649	540
Cranberry						
CA	1,180	1,880	2,330	13	15	14
ID	1,290	1,900	2,000	9	19	18
MI	1,470	1,460	1,150	140	115	78
Total	1,434	1,536	1,325	162	149	110

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

³ Includes some Light Red Kidney to avoid disclosure of individual operations.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2005-2007 ¹**

Class and State	Area Planted			Area Harvested		
	2005	2006	2007	2005	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Black						
CA	0.4	0.6	0.4	0.4	0.6	0.4
ID	2.5	2.8	2.4	2.4	2.8	2.3
MI	65.0	91.6	96.5	64.0	86.6	94.5
MN	9.4	12.3	22.0	8.0	11.8	21.6
NE	2.5	2.9		2.5	2.7	
NY	9.0	9.0	7.0	8.5	8.6	6.9
ND	21.0	46.0	45.0	19.5	44.0	43.5
OR	0.5		0.5	0.5		0.5
WA	1.3	2.2	1.9	1.3	2.2	1.9
Total	111.6	167.4	175.7	107.1	159.3	171.6
Blackeye						
CA	9.0	12.6	12.5	8.9	12.5	12.5
TX	14.0	18.8	14.4	12.6	16.9	13.9
Total	23.0	31.4	26.9	21.5	29.4	26.4
Small Chickpeas (Garbanzo, Smaller than 20/64 in.)						
CA						
ID	3.0	4.0	3.5	2.9	3.9	3.4
MT	1.4	2.4	1.0	1.3	1.9	0.9
NE						
ND	4.0	7.5	4.5	3.7	7.0	4.4
OR	0.5			0.5		
SD						
WA	1.6	3.5	1.5	1.5	3.5	1.5
Total	10.5	17.4	10.5	9.9	16.3	10.2
Large Chickpeas (Garbanzo, Larger than 20/64 in)						
CA	10.0	16.0	6.5	9.7	15.3	6.0
ID	28.0	40.0	38.0	27.6	39.3	37.6
MT	4.6	6.4	9.0	2.8	6.2	8.5
NE	1.1	1.1		1.1	1.0	
ND	2.1	5.5	12.5	2.0	5.2	12.4
OR	2.6	3.5	3.5	2.5	3.5	3.5
SD	6.4	9.4	5.5	6.4	8.6	5.3
WA	24.5	37.5	40.0	24.3	37.5	40.0
Total	79.3	119.4	115.0	76.4	116.6	113.3

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 2005-2007 ¹

Class and State	Yield per Acre ²			Production ²		
	2005 <i>Pounds</i>	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2005 <i>1,000 Cwt</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
Black						
CA	1,750	1,670	2,000	7	10	8
ID	2,080	2,320	2,220	50	65	51
MI	1,770	1,930	1,600	1,130	1,670	1,510
MN	1,500	1,400	1,750	120	165	379
NE	2,400	2,110		60	57	
NY	1,510	1,470	1,000	128	126	69
ND	1,300	1,180	1,460	254	520	635
OR	2,400		2,320	12		12
WA	2,850	2,180	2,790	37	48	53
Total	1,679	1,670	1,583	1,798	2,661	2,717
Blackeye						
CA	2,210	2,420	2,240	197	303	280
TX	1,660	1,360	1,560	209	230	217
Total	1,888	1,813	1,883	406	533	497
Small Chickpeas (Garbanzo, Smaller than 20/64 in.)						
CA						
ID	1,240	1,130	970	36	44	33
MT	1,150	800	900	15	15	8
NE						
ND	1,700	690	1,390	63	48	61
OR	1,800			9		
SD						
WA	1,750	1,200	1,330	26	42	20
Total	1,505	914	1,196	149	149	122
Large Chickpeas (Garbanzo, Larger than 20/64 in)						
CA	2,270	1,290	2,000	220	198	120
ID	1,060	1,100	1,060	293	432	399
MT	1,000	900	1,140	28	56	97
NE	700	900		8	9	
ND	2,000	1,210	1,500	40	63	186
OR	1,840	1,830	1,370	46	64	48
SD	1,100	850	850	70	73	45
WA	850	1,320	1,300	207	495	520
Total	1,194	1,192	1,249	912	1,390	1,415

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2005-2007**¹

Class and State	Area Planted			Area Harvested		
	2005 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2005 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>
Chickpeas, All (Garbanzo)						
CA	10.0	16.0	6.5	9.7	15.3	6.0
ID	31.0	44.0	41.5	30.5	43.2	41.0
MT	6.0	8.8	10.0	4.1	8.1	9.4
NE	1.1	1.1		1.1	1.0	
ND	6.1	13.0	17.0	5.7	12.2	16.8
OR	3.1	3.5	3.5	3.0	3.5	3.5
SD	6.4	9.4	5.5	6.4	8.6	5.3
WA	26.1	41.0	41.5	25.8	41.0	41.5
Total	89.8	136.8	125.5	86.3	132.9	123.5
Other						
CA	8.7	8.1	7.1	8.5	7.8	7.1
CO	6.0	7.0	5.0	5.0	6.4	4.2
ID	2.5	4.5	1.7	2.4	4.3	1.7
MI	8.0	4.6	4.7	7.7	4.2	4.4
MN	1.6	1.7	1.5	1.3	1.6	1.4
NE	3.2	2.0	2.5	3.1	1.8	2.5
NY	1.5	1.0	1.0	1.1	0.9	0.9
ND	2.2	2.5	2.0	2.0	2.3	1.8
OR	1.7	3.8	2.1	1.7	3.7	2.0
SD	2.6	2.2	1.2	2.6	1.9	1.2
TX	3.0	1.2	1.6	2.7	1.1	1.5
WA	1.1	1.5	3.0	0.9	1.5	3.0
WY	2.2	1.5	1.0	2.0	1.4	0.9
Total	44.3	41.6	34.4	41.0	38.9	32.6

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

Dry Edible Beans: Yield and Production by Commercial Class, State, and Total, 2005-2007¹

Class and State	Yield per Acre ²			Production ²		
	2005 <i>Pounds</i>	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2005 <i>1,000 Cwt</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
Chickpeas, All (Garbanzo)						
CA	2,270	1,290	2,000	220	198	120
ID	1,080	1,100	1,050	329	476	432
MT	1,050	880	1,120	43	71	105
NE	700	900		8	9	
ND	1,810	910	1,470	103	111	247
OR	1,830	1,830	1,370	55	64	48
SD	1,100	850	850	70	73	45
WA	900	1,310	1,300	233	537	540
Total	1,229	1,158	1,245	1,061	1,539	1,537
Other						
CA	1,440	1,280	1,830	122	100	130
CO	1,400	1,980	1,120	70	127	47
ID	2,130	2,090	2,240	51	90	38
MI	1,690	1,670	1,250	130	70	55
MN	1,690	1,880	2,070	22	30	29
NE	1,800	2,220	2,080	56	40	52
NY	910	1,100	1,330	10	10	12
ND	1,400	1,300	1,610	28	30	29
OR	2,000	2,000	2,200	34	74	44
SD	1,810	1,800	2,250	47	34	27
TX	900	690	930	24	8	14
WA	2,440	1,935	2,300	22	29	69
WY	2,100	2,000	2,200	42	28	20
Total	1,605	1,722	1,736	658	670	566

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

**Pecans: Utilized Production by Crop, State, and United States,
2005-2006 and Forecasted December 1, 2007**

Crop and State	Utilized Production		
	2005 <i>1,000 Pounds</i>	2006 <i>1,000 Pounds</i>	2007 <i>1,000 Pounds</i>
Improved Varieties ¹			
AL	3,200	5,400	13,000
AZ	22,000	14,000	23,000
AR ²	1,100	1,150	850
CA ²	3,950	3,400	4,200
FL ²	300	200	900
GA	72,000	36,000	100,000
LA	1,000	3,500	3,000
MS ²	800	2,000	2,400
MO ²	200	160	1
NM	65,000	46,000	71,000
NC ²	1,650	420	510
OK	6,000	5,000	6,000
SC ²	1,500	900	1,500
TX	50,000	33,000	44,000
US	228,700	151,130	270,361
Native & Seedling			
AL	800	600	2,000
AR ²	1,200	1,050	750
FL ²	700	300	100
GA	8,000	6,000	10,000
KS ²	3,200	2,000	200
LA	4,000	17,500	9,000
MS ²	200	500	600
MO ²	2,400	940	4
NC ²	350	80	90
OK	15,000	12,000	14,000
SC ²	700	200	500
TX	15,000	14,000	26,000
US	51,550	55,170	63,244
All Pecans			
AL	4,000	6,000	15,000
AZ	22,000	14,000	23,000
AR ²	2,300	2,200	1,600
CA ²	3,950	3,400	4,200
FL ²	1,000	500	1,000
GA	80,000	42,000	110,000
KS ²	3,200	2,000	200
LA	5,000	21,000	12,000
MS ²	1,000	2,500	3,000
MO ²	2,600	1,100	5
NM	65,000	46,000	71,000
NC ²	2,000	500	600
OK	21,000	17,000	20,000
SC ²	2,200	1,100	2,000
TX	65,000	47,000	70,000
US	280,250	206,300	333,605

¹ Budded, grafted, or topworked varieties.

² Estimates for current year carried forward from earlier forecast.

**Sugarcane: Area Harvested, Yield, and Production by Use,
State, and United States, 2006 and Forecasted December 1, 2007**

Use and State	Area Harvested		Yield ¹			Production ¹	
	2006 ²	2007	2006 ²	2007		2006 ²	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	Nov 1 <i>Tons</i>	Dec 1 <i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
For Sugar							
FL	382.0	378.0	35.8		36.8	13,676	13,910
HI	20.4	20.2	79.1		84.5	1,614	1,707
LA	405.0	390.0	27.3		29.0	11,057	11,310
TX	39.2	43.5	41.2		41.0	1,615	1,784
US	846.6	831.7	33.0		34.5	27,962	28,711
For Seed							
FL	18.0	18.0	37.2		39.2	670	706
HI	1.6	2.3	32.0		30.7	51	71
LA	30.0	30.0	27.3		29.0	819	870
TX	1.5	1.5	41.0		37.0	62	56
US	51.1	51.8	31.4		32.9	1,602	1,703
For Sugar and Seed							
FL	400.0	396.0	35.9	36.9	36.9	14,346	14,616
HI	22.0	22.5	75.7	79.0	79.0	1,665	1,778
LA	435.0	420.0	27.3	29.0	29.0	11,876	12,180
TX	40.7	45.0	41.2	40.9	40.9	1,677	1,840
US	897.7	883.5	32.9	34.4	34.4	29,564	30,414

¹ Net tons.

² Revised.

**Coffee: Area Harvested, Yield, and Production
Hawaii and Puerto Rico, 2005-2007**

State	Area Harvested			Yield			Production ¹		
	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
HI	6,100	6,300	6,400	1,340	1,170	1,170	8,200	7,400	7,500
PR	42,000	40,000	40,000	465	450	450	19,500	18,000	18,000

¹ Parchment basis.

**Crop Summary: Area Planted and Harvested, United States, 2006-2007
(Domestic Units) ¹**

Crop	Area Planted		Area Harvested	
	2006	2007	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	3,452.0	4,020.0	2,951.0	3,508.0
Corn for Grain ²	78,327.0	93,616.0	70,648.0	86,071.0
Corn for Silage			6,477.0	
Hay, All			60,807.0	61,789.0
Alfalfa			21,384.0	21,451.0
All Other			39,423.0	40,338.0
Oats	4,168.0	3,760.0	1,566.0	1,505.0
Proso Millet	580.0	610.0	475.0	
Rice	2,838.0	2,748.0	2,821.0	2,731.0
Rye	1,396.0	1,376.0	274.0	289.0
Sorghum for Grain ²	6,522.0	7,704.0	4,937.0	6,702.0
Sorghum for Silage			347.0	
Wheat, All	57,344.0	60,433.0	46,810.0	51,011.0
Winter	40,575.0	44,987.0	31,117.0	35,952.0
Durum	1,870.0	2,149.0	1,815.0	2,112.0
Other Spring	14,899.0	13,297.0	13,878.0	12,947.0
Oilseeds				
Canola	1,044.0	1,183.0	1,021.0	1,144.0
Cottonseed ³				
Flaxseed	813.0	465.0	767.0	453.0
Mustard Seed	40.5	57.5	39.2	54.8
Peanuts	1,243.0	1,225.0	1,210.0	1,190.0
Rapeseed	1.4	1.4	1.0	1.2
Safflower	189.0	170.0	179.0	162.5
Soybeans for Beans	75,522.0	63,669.0	74,602.0	62,818.0
Sunflower	1,950.0	2,075.0	1,770.0	1,970.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	15,274.0	10,847.0	12,731.5	10,543.0
Upland	14,948.0	10,554.0	12,408.0	10,254.0
Amer-Pima	326.0	293.0	323.5	289.0
Sugarbeets	1,366.2	1,266.0	1,303.6	1,241.4
Sugarcane			897.7	883.5
Tobacco			338.9	355.1
Dry Beans, Peas & Lentils				
Austrian Winter Peas	46.0	29.0	22.5	14.0
Dry Edible Beans	1,629.8	1,525.5	1,537.6	1,477.6
Dry Edible Peas	925.5	842.5	884.1	809.3
Lentils	429.0	303.0	407.0	296.0
Wrinkled Seed Peas ³				
Potatoes & Misc.				
Coffee (HI)			6.3	6.4
Ginger Root (HI)			0.1	0.1
Hops			29.4	31.0
Peppermint Oil			79.2	
Potatoes, All	1,140.1	1,149.1	1,121.9	1,130.0
Winter	17.7	11.5	17.5	11.5
Spring	70.7	73.0	67.5	70.4
Summer	58.0	53.8	53.9	50.3
Fall	993.7	1,010.8	983.0	997.8
Spearmint Oil			18.5	
Sweet Potatoes	95.2	96.5	86.8	93.2
Taro (HI) ⁴			0.4	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Area planted for all purposes.

³ Acreage is not estimated.

⁴ Area is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 2006-2007
(Domestic Units) ¹

Crop	Units	Yield		Production	
		2006	2007	2006 <i>1,000</i>	2007 <i>1,000</i>
Grains & Hay					
Barley	Bu	61.1	60.4	180,165	211,825
Corn for Grain	"	149.1	153.0	10,534,868	13,167,741
Corn for Silage	Tons	16.2		104,849	
Hay, All	"	2.33	2.39	141,666	147,964
Alfalfa	"	3.35	3.37	71,666	72,347
All Other	"	1.78	1.87	70,000	75,617
Oats	Bu	59.8	60.9	93,638	91,599
Proso Millet	"	21.5		10,195	
Rice ²	Cwt	6,868	7,247	193,736	197,911
Rye	Bu	26.3	27.4	7,193	7,914
Sorghum for Grain	"	56.2	76.8	277,538	514,681
Sorghum for Silage	Tons	13.4		4,642	
Wheat, All	Bu	38.7	40.5	1,812,036	2,066,722
Winter	"	41.7	42.2	1,298,081	1,515,989
Durum	"	29.5	33.9	53,475	71,686
Other Spring	"	33.2	37.0	460,480	479,047
Oilseeds					
Canola	Lbs	1,366	1,312	1,394,332	1,501,341
Cottonseed ³	Tons			7,347.9	6,581.0
Flaxseed	Bu	14.4		11,019	
Mustard Seed	Lbs	720		28,220	
Peanuts	"	2,863	2,913	3,464,250	3,466,400
Rapeseed	"	1,100		1,100	
Safflower	"	1,069		191,405	
Soybeans for Beans	Bu	42.7	41.3	3,188,247	2,594,275
Sunflower	Lbs	1,211	1,468	2,143,613	2,891,985
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bales	814	864	21,587.8	18,986.5
Upland ²	"	806	850	20,822.4	18,155.0
Amer-Pima ²	"	1,136	1,381	765.4	831.5
Sugarbeets	Tons	26.1	25.4	34,064	31,560
Sugarcane	"	32.9	34.4	29,564	30,414
Tobacco	Lbs	2,144	2,000	726,644	709,965
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,151	1,071	259	150
Dry Edible Beans ²	"	1,577	1,708	24,247	25,235
Dry Edible Peas ²	"	1,493	1,931	13,203	15,625
Lentils ²	"	797	1,179	3,244	3,490
Wrinkled Seed Peas ³	"			590	
Potatoes & Misc.					
Coffee (HI)	Lbs	1,170	1,170	7,400	7,500
Ginger Root (HI)	"	43,000	35,000	4,300	2,800
Hops	"	1,964	1,952	57,671.8	60,570.7
Peppermint Oil	"	92		7,248	
Potatoes, All	Cwt	393	396	441,348	447,970
Winter	"	257	215	4,495	2,473
Spring	"	293	294	19,766	20,668
Summer	"	337	328	18,166	16,504
Fall	"	406	409	398,921	408,325
Spearmint Oil	Lbs	110		2,038	
Sweet Potatoes	Cwt	187		16,248	
Taro (HI) ³	Lbs			4,500	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Yield in pounds.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2006-2008
(Domestic Units) ¹

Crop	Units	Production		
		2006 <i>1,000</i>	2007 <i>1,000</i>	2008 <i>1,000</i>
Citrus ²				
Grapefruit	Tons	1,232	1,577	1,493
Lemons	"	980	703	684
Oranges ³	"	9,021	7,589	9,825
Tangelos (FL)	"	63	56	59
Tangerines	"	417	339	419
Temples (FL) ³	"	32		
Noncitrus				
Apples	1,000 Lbs	9,931.7	9,254.7	
Apricots	Tons	44.5	86.6	
Bananas (HI)	Lbs	20,000.0		
Grapes	Tons	6,417.2	6,990.5	
Olives (CA)	"	23.5	110.0	
Papayas (HI)	Lbs	28,700.0		
Peaches	Tons	1,010.1	1,026.9	
Pears	"	842.0	878.1	
Prunes, Dried (CA)	"	180.0	90.0	
Prunes & Plums (Ex CA)	"	21.5	13.7	
Nuts & Misc.				
Almonds (CA) (shelled)	Lbs	1,115,000	1,330,000	
Hazelnuts (OR) (in-shell)	Tons	43.0	33.0	
Pecans (in-shell)	Lbs	206,300	333,605	
Walnuts (CA) (in-shell)	Tons	346.0	320.0	
Maple Syrup	Gals	1,449	1,258	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year, except citrus which is for the 2007-08 season.

² Production years are 2005-06, 2006-07, and 2007-08.

³ Temples included in oranges beginning with the 2006-07 season.

Crop Summary: Area Planted and Harvested, United States, 2006-2007
(Metric Units) ¹

Crop	Area Planted		Area Harvested	
	2006	2007	2006	2007
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	1,396,990	1,626,850	1,194,240	1,419,650
Corn for Grain ²	31,698,150	37,885,460	28,590,540	34,832,070
Corn for Silage			2,621,180	
Hay, All ³			24,607,980	25,005,390
Alfalfa			8,653,890	8,681,010
All Other			15,954,090	16,324,390
Oats	1,686,750	1,521,630	633,740	609,060
Proso Millet	234,720	246,860	192,230	
Rice	1,148,510	1,112,090	1,141,630	1,105,210
Rye	564,950	556,850	110,890	116,960
Sorghum for Grain ²	2,639,390	3,117,730	1,997,950	2,712,230
Sorghum for Silage			140,430	
Wheat, All ³	23,206,540	24,456,630	18,943,540	20,643,640
Winter	16,420,300	18,205,790	12,592,740	14,549,410
Durum	756,770	869,680	734,510	854,710
Other Spring	6,029,480	5,381,160	5,616,290	5,239,520
Oilseeds				
Canola	422,500	478,750	413,190	462,970
Cottonseed ⁴				
Flaxseed	329,010	188,180	310,400	183,320
Mustard Seed	16,390	23,270	15,860	22,180
Peanuts	503,030	495,750	489,670	481,580
Rapeseed	570	570	400	490
Safflower	76,490	68,800	72,440	65,760
Soybeans for Beans	30,563,000	25,766,210	30,190,680	25,421,820
Sunflower	789,150	839,730	716,300	797,240
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	6,181,240	4,389,670	5,152,310	4,266,650
Upland	6,049,310	4,271,100	5,021,390	4,149,690
Amer-Pima	131,930	118,570	130,920	116,960
Sugarbeets	552,890	512,340	527,550	502,380
Sugarcane			363,290	357,540
Tobacco			137,150	143,690
Dry Beans, Peas & Lentils				
Austrian Winter Peas	18,620	11,740	9,110	5,670
Dry Edible Beans	659,560	617,350	622,250	597,970
Dry Edible Peas	374,540	340,950	357,790	327,520
Lentils	173,610	122,620	164,710	119,790
Wrinkled Seed Peas ⁴				
Potatoes & Misc.				
Coffee (HI)			2,550	2,590
Ginger Root (HI)			40	30
Hops			11,880	12,560
Peppermint Oil			32,050	
Potatoes, All ³	461,390	465,030	454,020	457,300
Winter	7,160	4,650	7,080	4,650
Spring	28,610	29,540	27,320	28,490
Summer	23,470	21,770	21,810	20,360
Fall	402,140	409,060	397,810	403,800
Spearmint Oil			7,490	
Sweet Potatoes	38,530	39,050	35,130	37,720
Taro (HI) ⁵			150	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Area planted for all purposes.

³ Total may not add due to rounding.

⁴ Acreage is not estimated.

⁵ Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 2006-2007
(Metric Units) ¹

Crop	Yield		Production	
	2006 <i>Metric Tons</i>	2007 <i>Metric Tons</i>	2006 <i>Metric Tons</i>	2007 <i>Metric Tons</i>
Grains & Hay				
Barley	3.28	3.25	3,922,630	4,611,940
Corn for Grain	9.36	9.60	267,597,970	334,476,030
Corn for Silage	36.29		95,117,410	
Hay, All ²	5.22	5.37	128,517,230	134,230,680
Alfalfa	7.51	7.56	65,014,300	65,632,090
All Other	3.98	4.20	63,502,930	68,598,590
Oats	2.14	2.18	1,359,150	1,329,560
Proso Millet	1.20		231,220	
Rice	7.70	8.12	8,787,720	8,977,090
Rye	1.65	1.72	182,710	201,020
Sorghum for Grain	3.53	4.82	7,049,790	13,073,500
Sorghum for Silage	29.99		4,211,150	
Wheat, All ²	2.60	2.72	49,315,540	56,246,960
Winter	2.81	2.84	35,327,980	41,258,460
Durum	1.98	2.28	1,455,350	1,950,970
Other Spring	2.23	2.49	12,532,210	13,037,520
Oilseeds				
Canola	1.53	1.47	632,460	681,000
Cottonseed ³			6,665,900	5,970,180
Flaxseed	0.90		279,900	
Mustard Seed	0.81		12,800	
Peanuts	3.21	3.26	1,571,360	1,572,330
Rapeseed	1.23		500	
Safflower	1.20		86,820	
Soybeans for Beans	2.87	2.78	86,769,860	70,604,600
Sunflower	1.36	1.65	972,330	1,311,780
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.91	0.97	4,700,190	4,133,820
Upland	0.90	0.95	4,533,540	3,952,790
Amer-Pima	1.27	1.55	166,650	181,040
Sugarbeets	58.58	56.99	30,902,610	28,630,750
Sugarcane	73.83	77.17	26,820,010	27,591,120
Tobacco	2.40	2.24	329,600	322,030
Dry Beans, Peas & Lentils				
Austrian Winter Peas	1.29	1.20	11,750	6,800
Dry Edible Beans	1.77	1.91	1,099,830	1,144,640
Dry Edible Peas	1.67	2.16	598,880	708,740
Lentils	0.89	1.32	147,150	158,300
Wrinkled Seed Peas ³			26,760	
Potatoes & Misc.				
Coffee (HI)	1.32	1.31	3,360	3,400
Ginger Root (HI)	48.20	39.23	1,950	1,270
Hops	2.20	2.19	26,160	27,470
Peppermint Oil	0.10		3,290	
Potatoes, All ²	44.09	44.43	20,019,210	20,319,580
Winter	28.79	24.10	203,890	112,170
Spring	32.82	32.91	896,570	937,480
Summer	37.78	36.78	824,000	748,610
Fall	45.49	45.87	18,094,750	18,521,310
Spearmint Oil	0.12		920	
Sweet Potatoes	20.98		737,000	
Taro (HI) ³			2,040	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2006-2008
(Metric Units) ¹

Crop	Production		
	2006 <i>Metric tons</i>	2007 <i>Metric tons</i>	2008 <i>Metric tons</i>
Citrus ²			
Grapefruit	1,117,650	1,430,630	1,354,430
Lemons	889,040	637,750	620,510
Oranges ³	8,183,710	6,884,620	8,913,090
Tangelos (FL)	57,150	50,800	53,520
Tangerines	378,300	307,540	380,110
Temples (FL) ³	29,030		
Noncitrus			
Apples	4,504,940	4,197,860	
Apricots	40,350	78,530	
Bananas (HI)	9,070		
Grapes	5,821,540	6,341,630	
Olives (CA)	21,320	99,790	
Papayas (HI)	13,020		
Peaches	916,370	931,630	
Pears	763,880	796,550	
Prunes, Dried (CA)	163,290	81,650	
Prunes & Plums (Ex CA)	19,500	12,430	
Nuts & Misc.			
Almonds (CA) (shelled)	505,760	603,280	
Hazelnuts (OR) (in-shell)	39,010	29,940	
Pecans (in-shell)	93,580	151,320	
Walnuts (CA) (in-shell)	313,890	290,300	
Maple Syrup	7,240	6,290	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year, except citrus which is for the 2007-08 season.

² Production years are 2005-06, 2006-07, and 2007-08.

³ Temples included in oranges beginning with the 2006-07 season.

Cotton: Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in 7 cotton producing States during 2007. Randomly selected plots in cotton fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

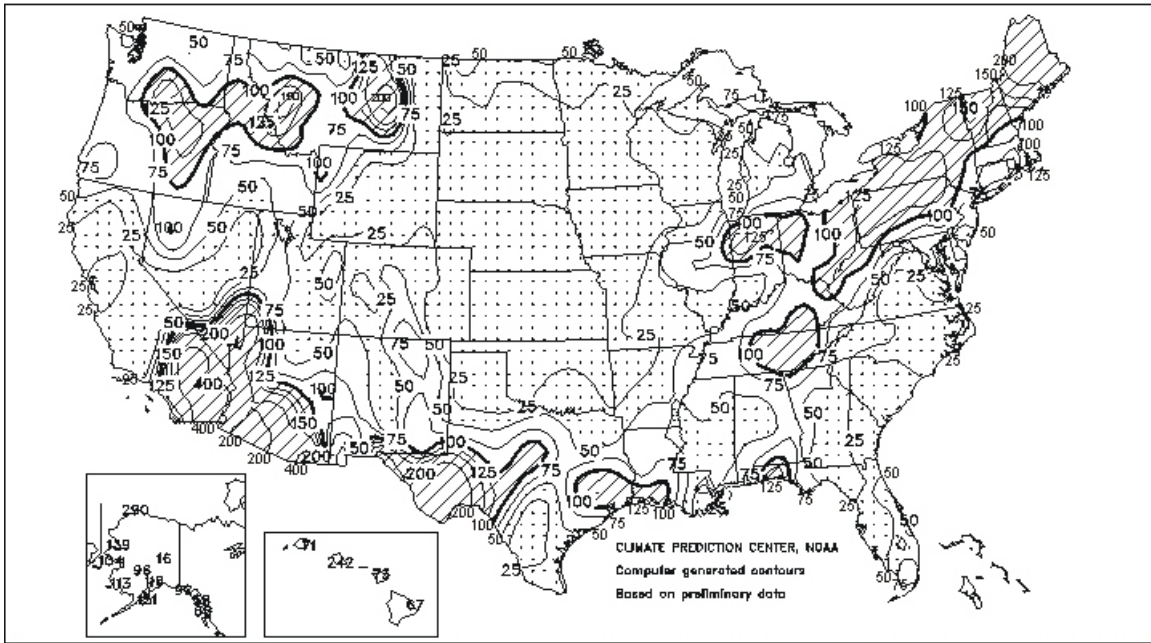
Cotton: Cumulative Boll Counts, Selected States, 2003-2007 ¹

State	Month	2003 <i>Number</i>	2004 <i>Number</i>	2005 <i>Number</i>	2006 <i>Number</i>	2007 <i>Number</i>
AR	Sep	798	864	811	859	790
	Oct	755	771	728	814	839
	Nov	744	753	733	849	849
	Dec	744	754	733	824	849
	Final	744	754	733	824	
CA	Sep	973	954	993	911	1,084
	Oct	945	952	926	869	1,115
	Nov	893	945	1,002	926	1,139
	Dec	893	948	1,011	933	1,144
	Final	893	948	1,011	933	
GA	Sep	559	646	667	648	616
	Oct	646	690	689	675	570
	Nov	643	686	767	774	707
	Dec	665	687	767	790	708
	Final	665	687	767	790	
LA	Sep	681	635	746	760	796
	Oct	778	707	768	781	808
	Nov	775	691	775	786	841
	Dec	775	691	775	785	841
	Final	775	691	775	785	
MS	Sep	837	808	818	700	819
	Oct	824	789	729	699	745
	Nov	811	780	724	695	747
	Dec	808	780	722	695	747
	Final	808	780	722	695	
NC	Sep	628	758	799	637	527
	Oct	630	719	693	641	601
	Nov	632	732	721	671	625
	Dec	632	733	721	671	625
	Final	632	733	721	671	
TX	Sep	465	639	620	530	602
	Oct	431	672	516	477	538
	Nov	429	593	586	533	631
	Dec	435	624	585	544	632
	Final	435	624	585	544	

¹ Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs per 40 feet of row. November, December, and Final exclude small bolls.

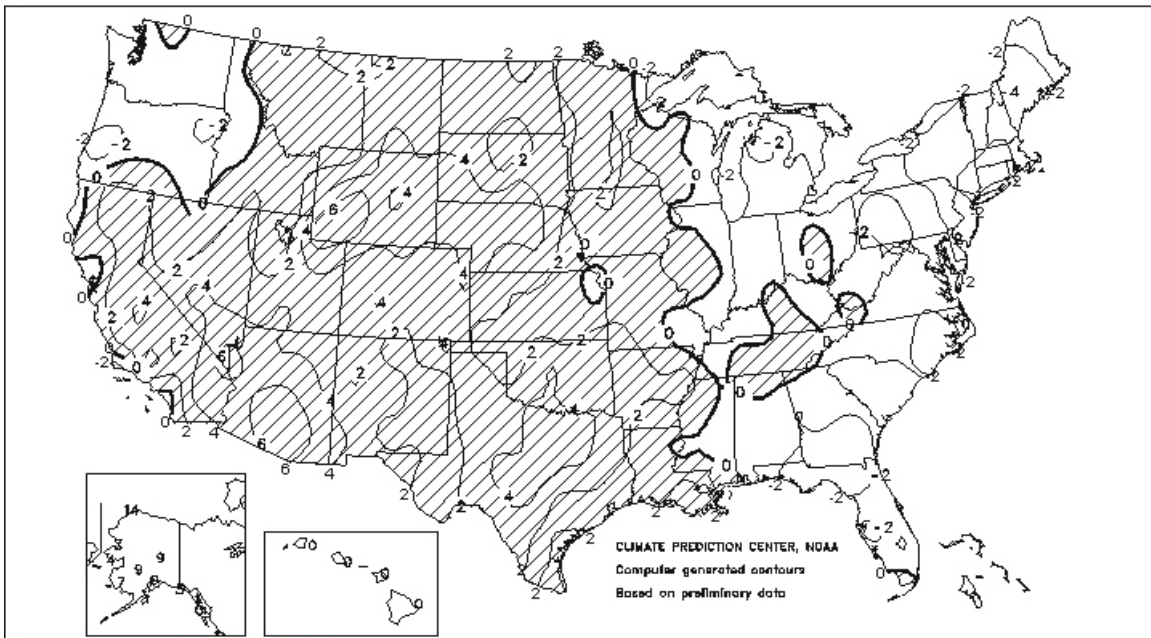
Percent Of Normal Precipitation

November 2007



Departure of Average Temperature from Normal (°F)

November 2007



November Weather Summary

Dry weather across the nation's mid-section hampered winter wheat emergence and establishment, particularly on the central and southern High Plains. Among the Plains' wheat areas, significant precipitation was confined to Montana, where snow insulated the crop from periodically cold weather.

For most of November, Western precipitation was confined to areas from Oregon and southern Washington to the northern Rockies. Northwestern winter grains benefitted from the boost in topsoil moisture. The remainder of the West experienced warm, dry weather until month's end, when heavy precipitation overspread southern California and the Southwest.

Farther east, Midwestern producers completed harvest and other autumn fieldwork under mostly favorable conditions. Rain arrived across the southeastern Corn Belt too late to disrupt fieldwork but in time to foster winter wheat establishment.

Elsewhere, wet weather across the interior Northeast and parts of the Tennessee Valley contrasted with drier-than-normal conditions in much of the Southeast. In fact, drought worsened during November in the southern Atlantic States, hampering the development of winter grains but favoring late-season harvest activities and other fieldwork.

Monthly temperatures averaged as much as 3 degrees F below normal in the East and the Pacific Northwest, but were at least 5 degrees F above normal at many locations across California, the Plains, and the Southwest.

November Agricultural Summary

In the Pacific Northwest, heavy precipitation (up to 12 inches in some areas) fell west of the Cascade Mountains, while other areas west of the Rocky Mountains experienced light to moderate precipitation. Throughout the Great Plains, the northwestern Corn Belt, and along the Atlantic Coastal Plains, precipitation during the month was extremely light and scattered. In the southern and eastern areas of the Corn Belt, moderate precipitation was evident while from east Texas stretching north and east into New England, moderate to heavy rainfall was experienced during the month. Temperatures ranged within 4 degrees Fahrenheit of normal for most of the Nation during November. Overall, temperatures averaged from normal to below normal east of the Mississippi River and averaged from normal to above normal in most areas west of the Mississippi River. The exception was in some parts of the Pacific Northwest where the average temperatures were slightly below normal.

Corn harvest continued to progress ahead of the normal pace. By November 18, growers had harvested 97 percent of their acreage, 4 points ahead of last year and 3 points ahead of normal. Harvest was at or ahead of normal in all States but lagged slightly behind last year's pace in the Dakotas. Harvest was complete or nearly complete in all States except Michigan, Pennsylvania, South Dakota, and Wisconsin.

The sorghum harvest remained 10 or more points ahead of last year's pace and normal during the month of November. By November 18, ninety-seven percent of the crop had been reaped, compared with 87 percent last year and 86 percent for the 5-year average. Early in the month, acreage was completely harvested in Arkansas and Louisiana. By November 18, harvest in Illinois and South Dakotas had also been completed while in all other States except Oklahoma, harvest was nearly complete.

Winter wheat planting was nearly complete by November 11, one point behind last year's pace but the same as the 5-year average. Planting was complete or nearly complete everywhere except Arkansas, California, Missouri, North Carolina, and Texas. Emergence of the crop remained behind the pace of last year and normal throughout the month. By November 25, eighty-nine percent of the acreage had emerged, 4 points behind both last year and normal. Development lagged behind normal by 12 or more points in Oklahoma and Texas, where producers were late getting fall seedings in the ground and rainfall has been light.

The Nation's soybean crop was 97 percent harvested by November 11, ahead of last year and the 5-year average by 3 percent. Growers had completed harvest in Louisiana, Minnesota, the Dakotas, and Ohio. Elsewhere, all remaining soybean States were nearing harvest completion with no more than 11 percent of their crop remaining in the fields, except in North Carolina, where producers only had 39 percent of their acreage reaped on November 11, ahead of their normal pace of 31 percent. As harvest was winding down, producers in Kentucky and Tennessee were well ahead of their normal harvest pace.

Sunflower harvest remained 4 points ahead of normal during the month with harvest at 96 percent complete by November 18. Activity was winding down 4 points ahead of normal but slightly behind last year. The crop was being harvested ahead of normal in all States except South Dakota. Producers had completed harvest in Kansas and were near completion elsewhere except in South Dakota.

Peanut harvest continued to trail behind the normal harvest pace during the month of November. By November 18, harvest, at 91 percent, was the same as last year but 3 points behind normal. Harvest was complete in the Carolinas as well as in Virginia and was near complete elsewhere, except in Atlanta and in Georgia where progress was well behind normal. By November 25, producers in Georgia had advanced to a near normal pace but growers in Alabama still lagged 7 points behind normal.

Cotton harvest remained ahead of the normal pace nationally through the month of November. On November 11, seventy-four percent of acreage had been harvested, 4 and 7 points ahead of last year and normal, respectively. Harvest was complete in Missouri and nearly complete in the Delta. By November 18, the acreage in Tennessee and Virginia was also almost completely harvested. At this time, all States were ahead of the normal harvest pace, except Georgia, where harvest was 7 points behind normal. By November 25, harvest was 86 percent complete Nationwide, 3 points ahead of last year and 6 points ahead of normal, with progress well ahead of normal in Kansas and along the Atlantic Coastal Plains. However, harvest was still slightly behind normal in Georgia and fell behind normal in Oklahoma by the end of the month.

Cotton: Upland cotton harvested area, at 10.3 million acres, is unchanged from last month but down 17 percent from last year. American-Pima harvested area, at 289,000 acres, is also unchanged from November but down 11 percent from 2006.

In the Southeastern region, the continual drought conditions allowed producers in Alabama, North Carolina, and Virginia to make rapid harvest progress, well ahead of normal and last year. In Georgia, harvest was behind normal due to the later developing crop. Objective yield measurements in Georgia show boll counts to be the third largest in the last 5 years.

In the Delta, good weather conditions throughout the Fall allowed for excellent harvest conditions with all States progressing ahead of normal. In Missouri, Mississippi, and Louisiana harvest was complete by early November while in Arkansas and Tennessee producers finished harvest by the middle of month. The objective yield survey indicates Louisiana and Arkansas boll counts to be the highest on record. In Mississippi, boll counts and boll weights are slightly lower than the 5-year average.

Ideal weather in the Texas Plains allowed harvest to advance rapidly during the first part of the month. Harvest was ahead of normal even though the crop was planted later than normal and development lagged behind the 5-year average. During the middle of November, freezing rain and snow slowed harvest but by the end of the month 69 percent of the crop had been harvested. Objective yield measurements in Texas show boll counts and boll weights to be the largest on record. In Kansas, ideal weather allowed harvest to advance ahead of normal. In Oklahoma, producers were slightly behind normal at month's end.

In California, cotton harvest was complete in the San Joaquin Valley by the end of November. Ideal weather in Arizona allowed cotton producers to harvest their crop at a normal pace. Data from the objective yield survey show California boll weights to be largest on record.

American-Pima cotton production is forecast at 831,500 bales, up 2 percent from the November forecast and up 9 percent from last year. The U.S. yield is forecast at 1,381 pounds per harvested acre, up 33 pounds from last month and up 245 pounds from last year. California producers are expecting a record high production of 770,000 bales. Ideal weather throughout November allowed California producers to complete harvest by the end of the month.

All cotton ginned prior to December 1 totaled 12,606,700 running bales, compared with 15,139,050 running bales ginned prior to the same date last year and 15,991,200 running bales ginned prior to December 1, 2005.

Papayas: Hawaii fresh papaya utilization is estimated at 3.34 million pounds for October 2007, up 21 percent from September and 53 percent higher than the comparable month a year ago. Total area in crop for October is estimated at 2,105 acres, unchanged from last month but 2 percent less than October 2006. Harvested area totaled 1,535 acres, 12 percent higher than September of this year and up 16 percent from the same month last

year. Growing conditions were generally favorable for orchards in October. Mature trees had full fruit columns and harvesting was active. Newly planted fields had good seed germination and young orchards were making favorable progress.

Dry Beans: U.S. dry edible bean production is forecast at 25.2 million cwt for 2007, virtually unchanged from the October forecast but 4 percent above the 2006 production. Harvested acreage is forecast at 1.48 million acres, 1 percent above the last forecast but 4 percent below the previous year's acreage. The average U.S. yield is forecast at 1,708 pounds per acre, a decrease of 19 pounds from the October forecast but 131 pounds above the 2006 yield. Production is up from a year ago for large lima, baby lima, pinto, light red kidney, black, and large chickpeas. Production decreased from last year for navy, great northern, small white, dark red kidney, pink, small red, cranberry, blackeye, and small chickpeas.

Production in North Dakota is forecast at 10.6 million cwt, 38 percent above 2006. Harvested acres increased 4 percent, while the average yield, at 1,590 pounds per acre, is up 390 pounds from last year. Harvest was essentially complete by the end of October, slightly behind last year and the 5-year average. In Minnesota, production is forecast at 2.61 million cwt, 17 percent above last year. The average yield, at 1,800 pounds per acre, is up 150 pounds from 2006. Minnesota dry bean growers experienced good growing conditions throughout the season. Growers in California produced 1.25 million cwt of dry beans, 4 percent more than the previous year. The average yield, at 2,160 pounds per acre, is up 300 pounds from last season. The increase in yield more than offset the decrease in harvested acres. Production in Washington is forecast at 1.02 million cwt, up 5 percent from 2006. The average yield, at 1,700 pounds per acre, is 100 pounds above the previous year. Growers experienced good growing conditions throughout the season. In Michigan, production is forecast at 3.02 million cwt, 26 percent below last year. Harvested area, at 195,000 acres, is 9 percent below 2006, while the yield of 1,550 pounds per acre is 350 pounds below last season. Dry conditions from mid-June to the beginning of August reduced yields. Nebraska growers produced 2.44 million cwt of dry beans, 11 percent less than last year. Harvested acres decreased 14 percent from 2006. The average yield, at 2,280 pounds per acre, is up 80 pounds from the previous year. Production in Idaho is forecast at 1.60 million cwt, 16 percent below last year. The average yield, at 1,800 pounds per acre, is down 50 cwt from last season. Dry conditions in northern Idaho reduced the yields of the chickpeas while conditions in southern Idaho were similar to last year.

Grapefruit: The forecast of the 2007-08 U.S. grapefruit crop is 1.49 million tons, unchanged from the October 1 forecast but 5 percent lower than 2006-07 final utilization of 1.58 million tons. Florida's grapefruit production is forecast at 25.0 million boxes (1.06 million tons), unchanged from the October forecast but 8 percent below last season. With the exception of the hurricane-reduced 2004-05 and 2005-06 seasons, this grapefruit crop is forecast to be the lowest since the 1949-50 season's 24.2 million boxes.

The Florida all white grapefruit forecast is 8.00 million boxes (340,000 tons), down 11 percent from the October 1 forecast and 14 percent below last season's final utilization. The rate of fruit growth of white grapefruit has slowed since October and droppage has increased, indicating a reduced crop. Average fruit size is projected to be the smallest on record dating back to the 1968-69 season. The Florida colored grapefruit forecast, at 17.0 million boxes (723,000 tons), is 6 percent higher than the October forecast but 5 percent below the 2006-07 final utilization. If the fruit growth continues at the projected rate, fruit sizes will be the smallest on record. Harvest for all grapefruit is slower than normal because of later maturing fruit and small sizes. Most of the white grapefruit is being exported and colored varieties are being shipped to domestic and export markets. Arizona, California, and Texas grapefruit production forecasts are carried over from the October forecast.

Tangelos: Florida's tangelo forecast is 1.30 million boxes (59,000 tons), unchanged from the October 1 forecast but 4 percent above 2006-07 final utilized production. Fruit sizes remain small but droppage is low. Harvest of Orlando variety has started for the holidays.

Tangerines: The U.S. tangerine crop is forecast at 419,000 tons, down 3 percent from the October 1 forecast but up 24 percent from the final utilization in 2006-07. Florida's tangerine crop is forecast at 4.80 million boxes (228,000 tons), 6 percent lower than October's forecast but 4 percent higher than the 2006-07 utilization of 4.60 million boxes. Of the early varieties, harvest of Fallglo is nearly complete and Sunburst tangerine harvest is expected to continue strong through the holiday season. For these varieties, fruit sizes appear to be the smallest on record. The rate of fruit growth has slowed for the later maturing Honey tangerines and droppage has increased, leading to a reduction in production from October. Harvest of Honey

tangerines may be delayed due to lagging maturity and small fruit sizes. Arizona and California tangerine production forecasts are carried forward from October.

Florida Citrus: Temperatures were warm in citrus producing areas, reaching the low to mid 80s on several days throughout November. During this typically dry time of the year, rainfall was below average in all areas. Ft. Pierce reported the only significant rainfall with about one and one-half inches for the month. Regular irrigation and maintenance kept trees and groves in good condition. Overall fruit quality was good with fruit sets above average on all varieties. Fruit sizes at the beginning of the season started out very small, but oranges showed notable growth over the past month. Some of the recent growth caused splitting, especially on later maturing varieties of oranges. All major packinghouses were open and running fruit. Fundraising programs started in early November, but were not in full swing until after Thanksgiving. About two-thirds of the processing plants opened in the first half of the month, while the rest opened during the last week. Fall glo tangerine harvest declined as Sunburst tangerine harvest increased for the upcoming holidays. Navel orange and grapefruit harvests were expected to increase while other early orange varieties and tangelo harvests continued. Grove activities included mowing, spraying, fertilizing, and tending to young trees. Crews were hired to spot citrus greening and remove affected trees.

California Citrus: Harvest of Navel oranges increased with early Beck, Bonanza, and Fukumoto varieties being picked. Valencia oranges from the previous season were being picked for juice production. Mandarins, pummelos, and lemons were also being harvested. Cultural practices in citrus groves included spraying for fungus, insects, and weeds, irrigating, topping trees, and fertilizing.

California Noncitrus Fruits and Nuts: Grape growers were still harvesting the last of the late varieties including Autumn Royal, Crimson Seedless, Christmas Rose, and Red Globe table grapes. Wine and juice grape harvests were winding down with Alicante Bouchet, Grenache, Merlot, Muscat, and Zinfandel varieties still being picked. Stone fruit cultural practices such as irrigation, fall pruning, and treatments to control weeds and insects continued throughout the month. Pears, apples, jujubes, and figs were still being harvested. Kiwifruit harvest was nearing completion in some areas with good quality fruit being picked. Hachiya and Fuyu persimmons were being harvested, while pomegranate and quince harvests have slowed. Assessments of wind and fire damage to the avocado crop were being made earlier in the month. Strawberries continued to grow well and were being harvested during the month. Blueberry plants were shipped to Tulare County for fall planting. Olive harvest was almost complete and late variety almond harvest was slow. Nut groves were pruned and treated for insects and weeds. Walnut, pecan, and pistachio harvests were mostly completed by the middle of the month with sporadic picking taking place thereafter.

Pecans: Production is forecast at 334 million pounds utilized (in-shell basis), up 4 percent from the October 1 forecast and 62 percent more than last year's crop. Only Georgia and Alabama have changed total production expectations since October, increasing their forecasts by 10.0 million and 4.00 million pounds, respectively. Nationally, improved varieties are expected to produce 270 million pounds or 81 percent of the total, while native and seedling varieties, at 63.2 million pounds, make up the remaining 19 percent of production. The 2007 crop is expected to be larger than last year's mainly due to the alternate bearing pattern typical of pecans. Exceptions to the up-cycle are in Arkansas, Kansas, and Missouri where a severe Easter freeze limited production, and Louisiana which is in a down-cycle production season.

As harvest in Georgia passed the half way mark, it was evident that the 2007 crop will be larger than earlier expected. Production is now expected to total 110 million pounds, 10 percent more than October 1 and 162 percent more than last year. The 10.0 million pound increase from October 1 accounts for 71 percent of the U.S. increase. Trees put on a large nut set after the light crop in 2006 and the major growing area of southwest Georgia escaped most freeze damage in early April. Dry weather has limited disease and insect problems and nut quality has been very good.

New Mexico's forecast of 71.0 million pounds is unchanged from October 1. The forecast is up 54 percent from last year and 9 percent from 2005. Nut quality is mostly good to excellent. The Texas total production forecast, at 70.0 million pounds, is the same as the October forecast but up 49 percent from the 2006 crop. This latest forecast lowers production from improved orchards by 4.00 million pounds and increases expectations from native and seedling varieties by that same amount. There have been numerous reports of limbs breaking from the large nut load on the trees.

The Arizona forecast is 23.0 million pounds, unchanged from the prior forecast but 64 percent more than last year. Rain across the State over the last weekend in November slowed harvest. Oklahoma's forecast, at

20.0 million pounds, is the same as the October forecast but up 18 percent from 2006. The southern portion of the State has a very good crop which constitutes nearly the entire pecan production for this year, as northern portions were hit extremely hard by the early April freeze.

The Alabama crop is expected to total 15.0 million pounds, up 36 percent from October and is 2.5 times larger than 2006 production. The 4.00 million pound increase from October 1 accounts for 29 percent of the U.S. increase. Weather has been favorable for harvest, although price reductions slowed enthusiasm for aggressive harvesting. Quality of nuts varies, with both excellent and poorly filled nuts often found in the same orchard. Production in Louisiana is forecast at 12.0 million pounds, unchanged from October but 43 percent less than the 2006 crop. Extremely dry weather in August and September caused nut filling problems in some locations and varieties. Harvest was 85 percent complete by December 2, five points ahead of the 5-year average.

Sugarcane: Production of sugarcane for sugar and seed in 2007 is forecast at 30.4 million tons, of which 28.7 million tons is expected to be for sugar and 1.70 million tons for seed. Total production for sugar and seed is up fractionally from the November forecast and 3 percent above the revised 2006 production. Sugarcane growers intend to harvest 883,500 acres for sugar and seed during the 2007 crop year, unchanged from November but 2 percent less than last year. If realized, this will be the lowest area harvested for sugar and seed since 1990. Yield is forecast at 34.4 tons per acre, the same as last month but up 1.5 tons from last year.

Expected harvested area is down in all States except Texas but yields are up in all States compared with last year. By December 2, sugarcane growers in Louisiana had harvested 71 percent of their acreage compared with 66 percent for the five-year average. In Florida, the weather remained mostly dry allowing the harvest of the sugarcane crop to progress normally during November.

Coffee: Hawaii coffee production is estimated at 7.50 million pounds (parchment basis) for the 2007-08 season, up 1 percent from the previous season. Harvested area is estimated at 6,400 acres, up 2 percent from the 2006-07 season. Coffee production from Maui, Honolulu, and Kauai Counties is up from the previous season, which accounts for the overall increase in production for Hawaii. In Kona, the primary growing area on the island of Hawaii, coffee harvest for the 2007/08 season is down. Although bean quality was reported as good, erratic weather conditions, heavy pruning, insect infestation, and labor problems led to the expected smaller crop.

Puerto Rico coffee production for the 2007-08 season is estimated at 18.0 million pounds (parchment basis), unchanged from the previous season. Overall growing conditions for the 2007-08 coffee crop were reported as favorable. Heavy rains in October combined with high winds delayed crop harvest.

Reliability of December 1 Crop Production Forecast

Cotton Survey Procedures: Objective yield surveys were conducted between November 24 and December 1 to gather information on expected yields as of December 1. The objective yield survey for cotton was conducted in producing States that usually account for approximately 75 percent of the U.S. production. At crop maturity, the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

Orange Survey Procedures: The orange objective yield survey for the December 1 forecast was conducted in Florida, which produces about 73 percent of the U.S. production. Bearing tree numbers are determined at the start of the season based on a fruit tree census conducted every other year, combined with ongoing review based on administrative data or special surveys. From mid-July to mid-September, the number of fruit per tree is determined. In September and subsequent months, fruit size measurement and fruit droppage surveys are conducted, which combined with the previous components are used to develop the current forecast of production. Arizona, California, and Texas conduct grower and packer surveys on a quarterly basis, in October, January, April, and July. California conducts an objective measurement survey in September for navel oranges and in March for Valencia oranges.

Cotton Estimating Procedures: National and State level objective yield estimates for cotton were reviewed for errors, reasonableness, and consistency with historical estimates. For cotton, reports from cotton ginners in each State were also considered. Each cotton State Field Office submits its analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published December 1 forecast.

Orange Estimating Procedures: State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. The Florida Field Office submits its analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the Florida survey data and their analyses to prepare the published December 1 forecast. Reports from growers and packers in Arizona, California, and Texas were also used for setting estimates. The December 1 orange production forecasts for these three States are carried forward from October.

Revision Policy: The December 1 production forecasts will not be revised. For cotton, a new estimate will be made in January followed by end-of-season revisions in May. Administrative records are reviewed and revisions are made, if data relationships warrant changes. Harvested acres may be revised any time a production forecast is made, if there is strong evidence that the intended harvested area has changed since the last estimate.

For oranges, the December 1 production forecasts will not be revised. A new forecast will be made each month throughout the growing season. End-of-season estimates will be published in the *Citrus Fruits Summary* released in September. The production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

Reliability: To assist users in evaluating the reliability of the December 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the December 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences 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 years.

The "Root Mean Square Error" for the December 1 cotton production forecast is 1.5 percent. This means that chances are 2 out of 3 that the current cotton production forecast will not be above or below the final estimate by more than 1.5 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.6 percent.

Changes between the December 1 cotton forecast and the final estimates during the past 20 years have averaged 213,000 bales, ranging from 26,000 to 479,000 bales. The December 1 forecast for cotton has been below the final estimate 13 times and above 7 times. The difference does not imply that the December 1 forecasts this year are likely to understate or overstate final production.

The "Root Mean Square Error" for the December 1 orange production forecast is 7.6 percent. However, if you exclude the six abnormal production years (three freeze seasons and two hurricane seasons), the "Root Mean Square Error" is 3.7 percent. This means that chances are 2 out of 3 that the current orange production forecast will not be above or below the final estimate by more than 7.6 percent, or 3.7 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 13.2 percent, or 6.5 percent excluding abnormal seasons.

Changes between the December 1 orange forecast and the final estimates during the past 20 years have averaged 517,000 tons (368,000 tons excluding abnormal seasons), ranging from 17,000 tons to 2.01 million tons (17,000 tons to 764,000 tons, excluding abnormal seasons). The December 1 forecast for oranges has been below the final estimate 7 times and above 13 times (below 7 times and above 8 times, excluding abnormal seasons). The difference does not imply that the December 1 forecasts this year are likely to understate or overstate final production.

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