

**INCLUDED IN THIS ISSUE**

Crop Weather    October Crop Production    October Pecan Forecast

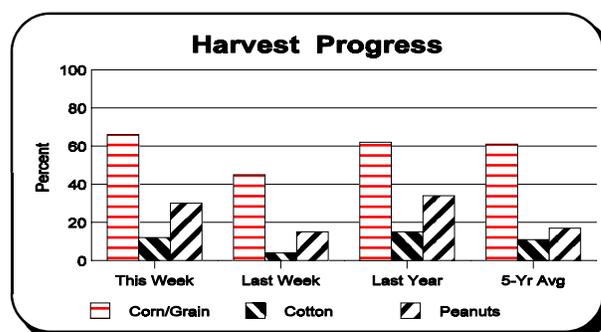
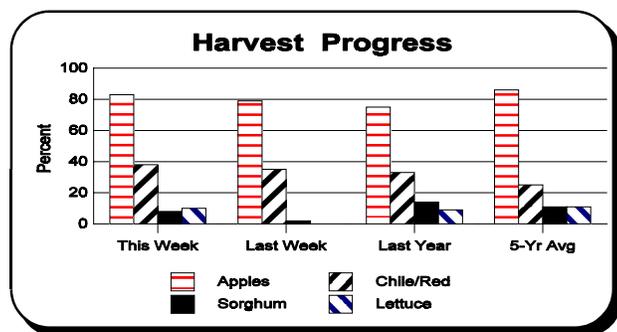
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**CROP SUMMARY FOR THE WEEK ENDING OCTOBER 13, 2002**

**NEW MEXICO:** There were 6.4 days suitable for field work. Freeze damage was 18% light and 3% moderate. Farmers were busy harvesting their crops and cutting hay. Cotton remains in mostly fair to good condition, with bolls opening at 94% and the harvest 12% complete. Defoliants have been applied and harvest should pick up once things dry out. Irrigated sorghum was listed as fair to good, with 79% mature and 12% harvested. Dryland sorghum was listed as very poor to fair, with only 42% mature and 6% harvested. Corn for grain was 66% harvested, peanuts were 30% harvested, and the red chile harvest was 38% complete. The apple harvest is now 83% finished, with reports of low production due to the late frost experienced this spring. Alfalfa was reported as 12% very poor, 13% poor, 45% fair, 25% good, and 5% excellent. The 6<sup>th</sup> cutting was 76% complete and the 7<sup>th</sup> was 42% complete. Ranchers spent the week filling tanks and supplementing feed. They continue to sell calves and lambs and cull older animals. Many are also reducing some of their breeding stock due to the limited availability of feed. Cattle were listed as 9% very poor, 19% poor, 39% fair, 31% good, and 2% excellent. Sheep were listed as 12% very poor, 29% poor, 31% fair, 27% good, and 1% excellent. Range and pasture conditions were 29% very poor, 36% poor, 27% fair, 7% good, and 1% excellent.

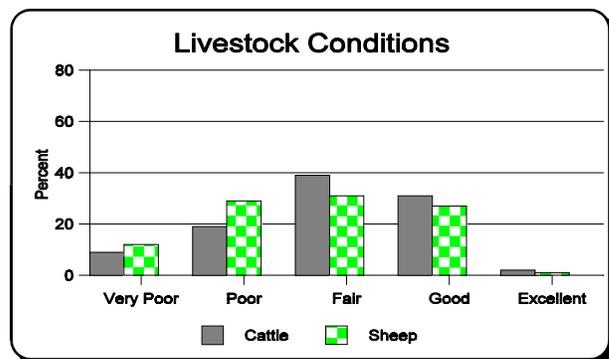
**CROP PROGRESS PERCENTAGES WITH COMPARISONS**

CROP PROGRESS		This Week	Last Week	Last Year	5-Year Average
APPLES	Harvested	83	79	75	86
CHILE	Harvested-Red	38	35	33	25
CORN	Grain-Harvested	66	45	62	61
COTTON	Harvested	12	4	15	11
LETTUCE	Harvested	10	—	9	11
ONIONS	Planted	74	48	64	70
PEANUTS	Harvested	30	15	34	17
SORGHUM (ALL)	Mature	56	35	62	56
	Harvested	8	2	14	11



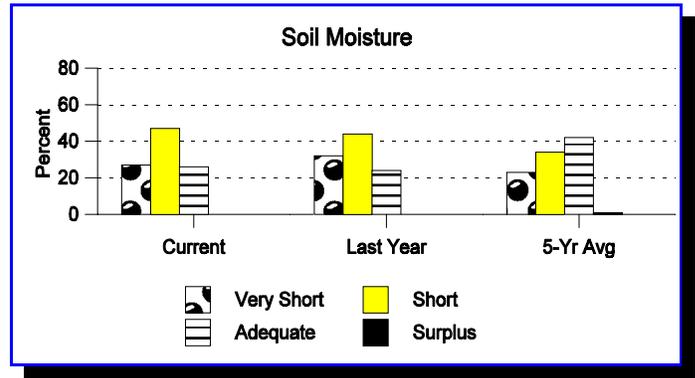
**CROP AND LIVESTOCK CONDITION PERCENTAGES**

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	12	13	45	25	5
Chile	—	—	14	59	27
Cotton	1	4	32	55	8
Lettuce	—	—	10	52	38
Peanuts	—	—	47	53	—
Pecans	—	—	25	58	17
Sorghum (All)	23	19	43	15	—
Wheat (All)	3	5	31	61	—
Cattle	9	19	39	31	2
Sheep	12	29	31	27	1



**SOIL MOISTURE PERCENTAGES**

	Very Short	Short	Adequate	Surplus
Northwest	28	49	23	--
Northeast	27	47	26	--
Southwest	20	80	--	--
Southeast	30	23	46	1
State	27	47	26	--
State-Last Year	32	44	24	--
State-5-Yr Avg.	23	34	42	1



**WEATHER SUMMARY**

Two storm systems affected New Mexico during the week. The first one brushed across southern New Mexico at the beginning of the week, producing some significant rains in the southwest. Late in the week, a cold front and associated storm system brought cooler air and patchy rain into New Mexico. Greatest rainfall totals for the week included 1.98 inches at Animas, .90 inches at Silver City, and .88 inches at Gallup. Average temperatures for the week were close to normal.

**NEW MEXICO WEATHER CONDITIONS OCTOBER 7-13, 2002**

Station	Temperature			Precipitation				
	Mean	Maximum	Minimum	10/07 10/13	10/01 10/13	Normal Oct	01/01 10/13	Normal Jan-Oct
Carlsbad	65.3	91	44	0.21	0.31	1.05	9.57	11.79
Hobbs	62.1	89	44	0.28	0.34	1.49	12.99	15.02
Roswell	62.1	89	44	0.26	0.43	1.19	11.25	11.83
Clayton	56.4	82	34	0.02	0.45	0.90	7.80	14.28
Clovis	60.9	86	42	T	0.19	1.34	10.91	16.24
Roy	54.3	73	40	0.00	0.00	1.05	14.03	14.79
Tucumcari	59.4	87	40	0.01	0.05	0.94	12.61	13.39
Chama	46.7	70	25	0.00	0.38	1.96	8.45	18.09
Johnson Ranch	52.2	73	29	0.00	0.03	1.11	6.06	10.16
Capulin	52.1	78	31	0.00	0.00	0.97	9.73	16.27
Las Vegas	51.4	77	31	0.37	0.39	0.97	8.41	15.82
Los Alamos	53.5	70	36	0.00	0.15	1.32	8.00	16.62
Raton	52.4	80	32	0.03	0.03	0.97	8.79	15.61
Santa Fe	53.7	78	33	0.00	0.01	1.04	6.94	12.58
Red River	44.6	65	25	0.00	0.32	1.46	15.77	18.15
Farmington	56.5	76	36	0.00	0.35	0.85	4.03	7.18
Gallup	52.9	74	27	0.88	0.97	1.29	8.71	10.96
Grants	53.1	74	31	0.14	0.14	1.05	7.15	9.56
Silver City	58.8	75	41	0.90	0.90	1.16	7.43	14.02
Quemado	52.2	77	28	0.23	0.28	1.18	11.61	12.59
Albuquerque	61.4	80	45	T	0.00	0.89	4.98	7.95
Carrizozo	60.1	81	38	0.00	0.00	1.19	8.94	11.31
Gran Quivera	55.9	76	40	0.00	0.00	1.27	9.40	14.01
Moriarty	53.4	78	30	0.00	0.03	1.10	5.25	11.77
Ruidoso	54.4	72	37	0.21	0.21	1.31	13.58	18.84
Socorro	59.6	82	37	0.04	0.04	1.11	8.29	8.48
Alamogordo	64.9	86	48	0.62	0.62	1.30	6.08	11.21
Animas	60.4	84	21	1.98	1.98	1.15	5.75	9.91
Deming	63.1	86	46	0.57	0.57	0.98	6.67	9.09
T or C	64.6	85	50	t0.00	t0.00	0.95	5.22	8.62
Las Cruces	64.9	88	46	0.05	0.05	0.91	4.84	8.19

(T) Trace (-) No Report (\*) Correction

All reports based on preliminary data. Precipitation data corrected monthly from official observation forms.

## OCTOBER CROP PRODUCTION

**NEW MEXICO:** **Corn for grain** production is forecast at 6.8 million bushels unchanged from last month and is down 17 percent from a year ago. Acreage harvested for grain is forecast at 38,000 acres. Yields are expected to average 180 bushels per acre, the same as 2001. **Upland cotton** producers expect to harvest 100,000 bales, also unchanged from previous month which is 24,000 bales less than last year. Harvested acreage remained at 56,000 acres 9,000 less than a year ago with yields expected to reach 857 pounds per acre. **American-Pima** harvested acreage totaled 7,000 acres, 1,800 acres above last year. Yields are anticipated to reach 960 pounds per acre, just below the record yield set last year at 969 pounds per acre. **Sorghum** production is forecast at 2.25 million bushels, down from last months forecast of 2.6 million bushels. Based on October 1 conditions, the sorghum yield is forecasted at 30 bushels per acre. **Peanut** production is estimated at 64.4 million pounds up from last months forecast of 57.5 and 4 percent below 2001. Growers expect to harvest 23,000 acres, with yields expected to average 2,800 pounds per acre. **Alfalfa** production is forecast at 1.3 million tons, unchanged from the previous forecast and down 2 percent for a year ago. Yields are expected to average 5.1 tons per acre slightly above last year. Harvested acreage at 260,000 acres is 10,000 acres below last year. **Dry edible bean** production is forecast at 140 thousand cwt in 2002, unchanged from previous forecast and down from last years production of 260 thousand cwt. This drop is due to the decrease in harvested acreage with yields the same as last year.

**UNITED STATES:** **Corn for grain** acreage harvested and to be harvested for grain is forecast at 70.5 million acres, unchanged from September but up 3 percent from 2001. The **peanut** harvest progressed slower than normal through most of the month and was only 20 percent complete on September 29, well behind the 5-year average of 29 percent. **Sorghum** production is forecast at 387 million bushels, up 1 percent from last month, but down 25 percent from last year. Based on October 1 conditions, the sorghum yield forecast is 51.4 bushels per acre, up 0.4 bushel from September, but down 8.5 bushels from last year. **Peanut** production is forecast at 3.75 billion pounds, down 2 percent from last month and down 12 percent from 2001. Area for harvest is expected to total 1.36 million acres, unchanged from the September estimate, but down 4 percent from 2001. Yields are expected to average 2,757 pounds, 51 pounds below last month and down 272 pounds from 2001. **Upland cotton** harvested acreage, at 12.6 million acres, is down fractionally from the previous month and 7 percent less than 2001. **American-Pima** harvested acreage, at 241,400 acres, is unchanged from last month, but down 10 percent from a year ago. **Alfalfa** and Alfalfa Mixtures production is forecast at 74.7 million tons, virtually unchanged from August, but down 7 percent from last year. Yields are expected to average 3.09 tons, which is the same as August, but down 0.28 ton from last year. Harvested area is 24.1 million acres, unchanged from the August estimate, but up 1 percent from 2001. **Dry edible bean** production is forecast at 27.6 million cwt in 2002, up 1 percent from the August forecast and 41 percent above last year. This is the largest dry bean crop since 1999 when production was 33.1 million cwt. This production increase resulted from more acreage harvested due to high 2001 bean prices and better growing conditions this year.

### October 2002 Crop Summary: Area Harvested, Yield, and Production, 2002 and Forecasted October 1, 2002

Crop	Unit	Area Harvested		Yield Per Acre		Production	
		2001	2002	2001	2002	2001	2002
		-----1,000 Acres-----		-----Units-----		-----1,000 Units-----	
<b>NEW MEXICO</b>							
Corn for Grain	Bu	46	38	180.0	180.0	8,280	6,840
All Cotton <sup>1/2/</sup>	Lb	70.2	63.0	920	869	134.5	114.0
Upland Cotton <sup>1/2/</sup>	Lb	65.0	56.0	916	857	124.0	100.0
A-P Cotton <sup>1/2/</sup>	Lb	5.2	7.0	969	960	10.5	14.0
Sorghum for Grain	Bu	140	75	45.0	30.0	6,300	2,250
Peanuts	Lb	22.2	23.0	3,020	2,800	67,044	64,400
Dry Edible Beans <sup>3/</sup>	Lb	13.0	7.0	2,000	2,000	260	140
Alfalfa Hay	Ton	270	260	5.00	5.10	1,350	1,326
<b>UNITED STATES</b>							
Corn for Grain	Bu	68,808	70,541	138.2	127.2	9,506,840	8,969,836
All Cotton <sup>1/2/</sup>	Lb	13,827.7	12,861.4	705	674	20,302.8	18,070.0
Upland Cotton <sup>1/2/</sup>	Lb	13,559.5	12,620.0	694	663	19,602.4	17,435.0
A-P Cotton <sup>1/2/</sup>	Lb	268.2	241.4	1,254	1,263	700.4	635.0
Sorghum for Grain	Bu	8,584	7,528	59.9	51.4	514,524	387,249
Peanuts	Lb	1,411.9	1,360.5	3,029	2,757	4,276,704	3,751,200
Dry Edible Beans	Lb	1,243.0	1,690.6	1,572	1,632	19,541	27,594
Alfalfa Hay	Ton	23,812	24,134	3.37	3.09	80,266	74,655

<sup>1/</sup> Production ginned and to be ginned. <sup>2/</sup>480-Lb. Net weight bales. <sup>3/</sup>Estimates for current year carried forward from an earlier forecast.

**PECANS**

**NEW MEXICO:** The first forecast for the 2002 pecan production is 36 million pounds, 24 million pounds less than last years record high crop. The decrease is due to the alternate bearing cycle of pecan trees. New Mexico continues to rank 3<sup>rd</sup> nationally in the production of pecans.

**UNITED STATES:** The October 1 forecast for 2002 pecan utilized production is 202 million pounds (in-shell basis), down 40 percent from last year's crop and 4 percent below the 2000 crop year. The dry summer growing conditions in some locations combined with the low year of the alternate bearing cycle have contributed to a markedly smaller crop. These dry conditions caused early nut drop, especially in non-irrigated groves. Improved varieties are expected to make up 152 million pounds or three quarters of the total, while the Native and seedling varieties, at 49.6 million pounds, make up the remaining crop.

**All Pecans: Utilized Production 2000-01 and Forecasted October 1, 2002**

State	2000	2001	2002
	-----1,000 Pounds-----		
AL	15,000	15,000	10,000
AZ	14,500	21,000	15,000
AR	900	2,600	1,700
CA	3,400	3,700	2,800
FL	3,300	3,300	1,500
GA	80,000	110,000	50,000
KS	550	2,200	1,700
LA	18,000	14,000	9,000
MS	3,500	4,500	3,000
<b>NM</b>	<b>35,000</b>	<b>60,000</b>	<b>36,000</b>
NC	1,600	3,200	2,000
OK	2,500	20,000	18,000
SC	1,600	4,000	1,000
TX	30,000	75,000	50,000
<b>US</b>	<b>209,850</b>	<b>338,500</b>	<b>201,700</b>