

# Grain Stocks



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

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Released September 30, 1993, by the Agricultural Statistics Board. Estimates refer to September 1, 1993.

## Corn Stocks Up 92 Percent

**Old crop corn** stored in all positions on September 1, 1993, is estimated at 2.11 billion bushels, up 92 percent from September 1, 1992. Of the total stocks, 1.07 billion bushels are stored on farms, up 77 percent from last year. Off-farm stocks, at 1.04 billion bushels, are up 111 percent from a year earlier. The indicated disappearance from all positions for the June-August quarter is 1.60 billion bushels, 3 percent below the disappearance for the same quarter a year earlier.

**Old crop sorghum** in all storages on September 1, 1993, is estimated at 175 million bushels, up 229 percent from September 1, 1992. Of the total, 140 million bushels are off-farms. The fourth quarter disappearance from all positions is 89.8 million bushels, up 57 percent from the same period in 1992.

**Old crop soybeans** stored in all positions on September 1, 1993, totaled 292 million bushels, 5 percent above holdings a year ago. On-farm stocks, at 125 million bushels, are up 19 percent from September 1, 1992. Off-farm stocks at 167 million, are down 4 percent from last year.

Indicated disappearance for the September 1992 - August 1993 marketing year totaled 2.18 billion bushels, 7 percent above disappearance during the comparable period a year earlier.

(narrative continued on page 2)

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See page 18 for special comments regarding this report.

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**Barley** stored in all positions on September 1, 1993, is estimated at 409 million bushels, 2 percent below the stocks of September 1, 1992. Of the total barley stocks on hand, 285 million bushels are stored on farms, 9 percent above a year earlier. Off-farm stocks, at 124 million bushels, are 21 percent below last year.

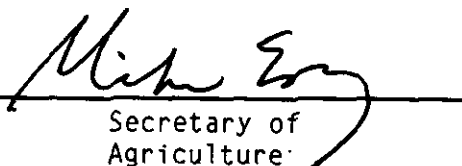
**All wheat** stored in all positions on September 1, 1993, is placed at 2.16 billion bushels, up 2 percent from last September 1. Farm stocks are 1.00 billion bushels and off-farm stocks total 1.15 billion. Both are up 2 percent from a year ago.

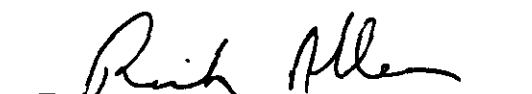
**Durum wheat** stocks in all positions total 110 million bushels, down 1 percent from last September. Farm stocks, at 89.0 million bushels, are off 2 percent from a year ago. Stocks in off-farm storage total 21.1 million bushels, up 1 percent.

**Oats** stored in all positions on September 1, 1993, are 221 million bushels, 25 percent below a year earlier. Of the total oat stocks on hand, 163 million bushels are stored on farms, 18 percent below last year. Off-farm stocks totaled 57.9 million bushels, 39 percent below last year.

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This report was approved on September 30, 1993, by the Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

  
Secretary of  
Agriculture  
Mike Espy

  
Agricultural Statistics Board  
Chairperson  
Rich Allen

Grain Stocks: By Position and Month, United States, 1992-93  
(Domestic Units)

Date	1992			1993		
	On Farms	Off Farms <sup>1/</sup>	Total All Positions	On Farms	Off Farms <sup>1/</sup>	Total All Positions
1,000 Bushels						
Corn						
Mar 1	2,610,200	1,950,785	4,560,985	3,630,000	2,048,215	5,678,215
Jun 1	1,517,500	1,221,051	2,738,551	2,216,500	1,492,943	3,709,443
Sep 1	605,500	494,811	1,100,311	1,070,700	1,042,015	2,112,715
Dec 1	5,736,900	2,169,463	7,906,363			
Sorghum						
Mar 1	54,960	196,286	251,246	111,320	323,088	434,408
Jun 1	34,140	76,247	110,387	58,465	206,348	264,813
Sep 1	18,840	34,352	53,192	35,420	139,610	175,030
Dec 1	210,650	394,667	605,317			
Oats						
Mar 1	98,150	76,735	174,885	110,250	64,875	175,125
Jun 1	61,000	66,721	127,721	66,130	47,063	113,193
Sep 1	199,900	94,717	294,617	163,000	57,896	220,896
Dec 1	161,200	81,292	242,492			
Barley						
Mar 1	102,000	113,890	215,890	122,880	121,057	243,937
Jun 1	45,140	83,457	128,597	68,220	82,962	151,182
Sep 1	261,000	157,402	418,402	284,900	124,129	409,029
Dec 1	198,350	148,226	346,576			
All Wheat						
Mar 1	275,550	611,685	887,235	376,000	667,343	1,043,343
Jun 1	144,605	327,248	471,853	183,820	345,334	529,154
Sep 1	979,400	1,128,219	2,107,619	1,003,000	1,152,876	2,155,876
Dec 1	672,000	918,476	1,590,476			
Durum Wheat <sup>2/</sup>						
Mar 1	56,279	23,001	79,280	53,615	24,811	78,426
Jun 1	35,700	19,122	54,822	33,022	15,905	48,927
Sep 1	90,490	20,850	111,340	88,950	21,148	110,098
Dec 1	77,190	25,381	102,571			
Soybeans						
Mar 1	505,000	672,343	1,177,343	576,900	638,667	1,215,567
Jun 1	279,000	416,671	695,671	319,800	363,613	683,413
Sep 1	105,000	173,437	278,437	124,970	167,234	292,204
Dec 1	876,100	959,885	1,835,985			

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

<sup>2/</sup> Included in all wheat.

Grain Stocks: By Position and Month, United States, 1992-93  
(Metric Units)

Date	1992			1993		
	On Farms	Off Farms <sup>1/</sup>	Total All Positions	On Farms	Off Farms <sup>1/</sup>	Total All Positions
Metric Tons						
Corn						
Mar 1	66,302,130	49,552,220	115,854,360	92,206,250	52,027,060	144,233,300
Jun 1	38,546,280	31,016,120	69,562,400	56,301,690	37,922,500	94,224,190
Sep 1	15,380,410	12,568,780	27,949,190	27,197,030	26,468,400	53,665,430
Dec 1	145,723,970	55,106,900	200,830,870			
Sorghum						
Mar 1	1,396,050	4,985,890	6,381,940	2,827,660	8,206,810	11,034,470
Jun 1	867,200	1,936,760	2,803,960	1,485,080	5,241,480	6,726,560
Sep 1	478,560	872,580	1,351,140	899,710	3,546,260	4,445,970
Dec 1	5,350,760	10,025,000	15,375,760			
Oats						
Mar 1	1,424,640	1,113,810	2,538,450	1,600,270	941,660	2,541,930
Jun 1	885,410	968,450	1,853,870	959,870	683,120	1,642,990
Sep 1	2,901,540	1,374,810	4,276,350	2,365,940	840,360	3,206,300
Dec 1	2,339,810	1,179,950	3,519,760			
Barley						
Mar 1	2,220,790	2,479,660	4,700,450	2,675,400	2,635,710	5,311,100
Jun 1	982,810	1,817,060	2,799,870	1,485,320	1,806,280	3,291,600
Sep 1	5,682,600	3,427,020	9,109,630	6,202,970	2,702,590	8,905,560
Dec 1	4,318,560	3,227,240	7,545,800			
All Wheat						
Mar 1	7,499,240	16,647,340	24,146,580	10,233,040	18,162,100	28,395,140
Jun 1	3,935,500	8,906,230	12,841,730	5,002,760	9,398,450	14,401,210
Sep 1	26,654,900	30,705,090	57,359,990	27,297,190	31,376,140	58,673,330
Dec 1	18,288,840	24,996,820	43,285,660			
Durum Wheat <sup>2/</sup>						
Mar 1	1,531,660	625,980	2,157,650	1,459,160	675,240	2,134,410
Jun 1	971,590	520,420	1,492,010	898,710	432,860	1,331,570
Sep 1	2,462,730	567,440	3,030,180	2,420,820	575,550	2,996,380
Dec 1	2,100,770	690,760	2,791,530			
Soybeans						
Mar 1	13,743,850	18,298,180	32,042,030	15,700,650	17,381,670	33,082,310
Jun 1	7,593,140	11,339,930	18,933,060	8,703,530	9,895,920	18,599,450
Sep 1	2,857,630	4,720,180	7,577,810	3,401,130	4,551,360	7,952,490
Dec 1	23,843,530	26,123,790	49,967,320			

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.  
<sup>2/</sup> Included in all wheat.

Corn: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <sup>1/</sup>	Total All Positions	On Farms	Off Farms <sup>1/</sup>	Total All Positions
	1,000 Bushels					
AL	*	1,022	*	*	1,893	*
AZ	*	400	*	*	*	*
AR	*	80	*	*	504	*
CA	*	1,092	*	*	1,570	*
CO	6,500	2,835	9,335	9,000	4,670	13,670
DE	*	944	*	*	1,146	*
FL	*	*	*	*	*	*
GA	*	1,810	*	*	3,475	*
ID	*	126	*	*	379	*
IL	55,000	106,950	161,950	110,000	229,105	339,105
IN	25,000	32,569	57,569	45,000	66,641	111,641
IA	135,000	103,910	238,910	300,000	282,805	582,805
KS	6,000	6,436	12,436	13,000	17,951	30,951
KY	5,000	2,373	7,373	12,000	5,953	17,953
LA	*	1,125	*	*	8,847	*
MD	*	1,804	*	*	3,037	*
MI	15,000	11,408	26,408	21,000	14,470	35,470
MN	115,000	38,399	153,399	160,000	101,904	261,904
MS	*	610	*	*	1,900	*
MO	11,000	8,851	19,851	41,000	28,548	69,548
MT	*	87	*	*	80	*
NE	70,000	97,848	167,848	140,000	141,775	281,775
NV						
NH		410	410		*	*
NJ	*	*	*	*	*	*
NM	*	*	*	*	*	*
NY	*	616	*	*	*	*
NC	2,700	4,611	7,311	4,700	6,055	10,755
ND	3,000	1,600	4,600	5,000	1,800	6,800
OH	17,500	24,167	41,667	28,000	49,670	77,670
OK	*	1,212	*	*	876	*
OR	*	96	*	*	101	*
PA	9,000	2,000	11,000	22,500	3,130	25,630
SC	*	269	*	*	652	*
SD	33,000	6,795	39,795	57,000	11,833	68,833
TN	*	1,637	*	*	3,685	*
TX	1,800	8,053	9,853	2,500	12,525	15,025
UT	*	384	*	*	306	*
VA	*	1,411	*	*	2,215	*
WA	*	2,297	*	*	3,338	*
WV	*	*	*	*	*	*
WI	65,000	17,705	82,705	57,000	24,109	81,109
WY	*	26	*	*	*	*
Unall*	30,000	843	47,891	43,000	5,067	82,071
US	605,500	494,811	1,100,311	1,070,700	1,042,015	2,112,715

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

Sorghum: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <u>1/</u>	Total All Positions	On Farms	Off Farms <u>1/</u>	Total All Positions
	1,000 Bushels					
AL	*	*	*	*	*	*
AZ		512	512		*	*
AR	20	183	203	40	714	754
CA		172	172		83	83
CO	150	260	410	300	735	1,035
DE		*	*		*	*
FL		*	*		*	*
GA	*	28	*	*	28	*
ID						
IL	100	225	325	1,000	3,885	4,885
IN		10	10		15	15
IA		*	*		*	*
KS	7,000	11,898	18,898	11,000	51,287	62,287
KY	*	8	*	*	*	*
LA					1,302	1,302
MD					*	*
MI						
MN					*	*
MS	20		20		*	*
MO	1,400	1,327	2,727	3,300	5,234	8,534
MT						
NE	7,600	9,307	16,907	16,000	34,528	50,528
NV						
NH					*	*
NJ						
NM	50	126	176	630	830	1,460
NY						
NC	*	*	*	*	6	*
ND						
OH		*	*			
OK	200	1,644	1,844	250	851	1,101
OR					*	*
PA					6	6
SC	*	*	*	*	*	*
SD	1,200	254	1,454	1,400	365	1,765
TN	*	105	*	*	136	*
TX	1,000	7,793	8,793	1,200	37,870	39,070
UT		*	*		*	*
VA		*	*			
WA		*	*		*	*
WV						
WI		*	*		*	*
WY						
Unall*	100	500	741	300	1,735	2,205
US	18,840	34,352	53,192	35,420	139,610	175,030

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.  
1/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

All Wheat: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <u>1/</u>	Total All Positions	On Farms	Off Farms <u>1/</u>	Total All Positions
1,000 Bushels						
AL	*	3,372	*	*	*	*
AZ	*	2,280	*	*	*	*
AR	1,000	7,487	8,487	500	19,469	19,969
CA	5,500	15,429	20,929	6,500	17,414	23,914
CO	30,000	41,000	71,000	34,000	45,000	79,000
DE	*	2,407	*	*	2,061	*
FL	*	*	*	*	*	*
GA	*	6,944	*	*	5,262	*
ID	32,000	39,659	71,659	54,000	33,691	87,691
IL	8,000	27,860	35,860	8,200	37,130	45,330
IN	1,400	15,118	16,518	2,000	18,733	20,733
IA	*	*	*	*	*	*
KS	46,000	252,603	298,603	43,000	270,888	313,888
KY	*	4,430	*	*	6,183	*
LA	*	9,903	*	*	11,021	*
MD	*	5,880	*	*	4,726	*
MI	5,000	23,316	28,316	3,500	15,186	18,686
MN	100,000	28,257	128,257	80,000	28,047	108,047
MS	*	714	*	*	2,867	*
MO	9,500	31,146	40,646	9,500	28,652	38,152
MT	130,000	19,598	149,598	190,000	29,000	219,000
NE	20,000	55,230	75,230	25,000	69,051	94,051
NV	*	*	*	*	100	*
NH	*	*	*	*	*	*
NJ	*	*	*	*	*	*
NM	*	*	*	*	3,691	*
NY	*	6,670	*	*	6,100	*
NC	3,500	12,308	15,808	1,800	9,493	11,293
ND	400,000	62,000	462,000	350,000	51,000	401,000
OH	8,000	49,621	57,621	5,500	42,690	48,190
OK	16,000	89,558	105,558	19,000	78,846	97,846
OR	15,000	27,111	42,111	20,000	38,319	58,319
PA	*	7,720	*	*	7,750	*
SC	*	3,931	*	*	3,521	*
SD	80,000	30,191	110,191	85,000	26,521	111,521
TN	*	5,720	*	*	8,019	*
TX	8,000	121,969	129,969	7,000	89,536	96,536
UT	*	6,711	*	*	4,765	*
VA	*	6,968	*	*	8,178	*
WA	33,000	91,193	124,193	34,000	114,610	148,610
WV	*	*	*	*	*	*
WI	*	2,425	*	*	3,966	*
WY	*	1,461	*	*	2,337	*
Unall*	27,500	10,029	115,065	24,500	9,053	114,100
US	979,400	1,128,219	2,107,619	1,003,000	1,152,876	2,155,876

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

1/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

Durum Wheat: Stocks by Position, North Dakota, Other  
States, and United States, September 1, 1992-93 1/

State:	1992			1993		
	On Farms	Off Farms <u>2/</u>	Total All Positions	On Farms	Off Farms <u>2/</u>	Total All Positions
1,000 Bushels						
ND	82.000	10.800	92.800	80.000	9.500	89.500
Oth St:	8.490	10.050	18.540	8.950	11.648	20.598
US	90.490	20.850	111.340	88.950	21.148	110.098

1/ Included in all wheat.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

Durum Wheat: Stocks by Position, North Dakota, Other  
States, and United States, June 1, 1993 1/

State :	On Farms	Off Farms <u>2/</u> <u>3/</u>	Total All Positions
1,000 Bushels			
ND	29.000	8.600	37.600
Oth Sts:	4.022	7.305	11.327
US	33.022	15.905	48.927

1/ Included in all wheat.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

3/ Revised.



Sunflower: Stocks by Position, Type, North Dakota, Other  
States, and United States, September 1, 1992-93

State	1992			1993		
	On Farms <u>1/</u>	Off Farms <u>2/</u> <u>3/</u>	Total All Positions	On Farms	Off Farms <u>2/</u>	Total All Positions
1,000 Pounds						
Oil						
ND	63,000	215,000	278,000	5,900	27,000	32,900
Oth Sts	29,005	34,903	63,908	7,831	23,195	31,026
US	92,005	249,903	341,908	13,731	50,195	63,926
Non-oil						
ND	60,000	100,000	160,000	9,100	27,000	36,100
Oth Sts	10,889	65,597	76,486	100	46,551	46,651
US	70,889	165,597	236,486	9,200	73,551	82,751
All						
ND	123,000	315,000	438,000	15,000	54,000	69,000
Oth Sts	39,894	100,500	140,394	7,931	69,746	77,677
US	162,894	415,500	578,394	22,931	123,746	146,677

1/ Other States include only KS, MN, SD, and TX.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors. Other States include all States except ND.

3/ Revised.

Barley: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <sup>1/</sup>	Total All Positions	On Farms	Off Farms <sup>1/</sup>	Total All Positions
	1.000 Bushels					
AL		*	*		*	*
AZ	*	255	*	*	*	*
AR						
CA	1,300	4,577	5,877	1,700	3,653	5,353
CO	4,800	6,845	11,645	5,000	5,850	10,850
DE	*	*	*	*	1,102	*
FL					*	*
GA		*	*		*	*
ID	27,000	19,386	46,386	42,000	12,826	54,826
IL		*	*		*	*
IN						
IA		*	*		*	*
KS	300	308	608	300	275	575
KY	*	75	*	*	*	*
LA		*	*		*	*
MD	*	1,522	*	*	943	*
MI	*	119	*	*	291	*
MN	35,000	32,362	67,362	28,000	24,491	52,491
MS						
MO		51	51		38	38
MT	39,000	7,785	46,785	60,000	2,700	62,700
NE	*	104	*	*	78	*
NV	*	*	*	*	56	*
NH		*	*		*	*
NJ	*	39	*	*	*	*
NM		*	*		*	*
NY		*	*		34	34
NC	*	426	*	*	382	*
ND	108,000	35,000	143,000	104,000	31,000	135,000
OH		*	*		*	*
OK	*	124	*	*	97	*
OR	5,000	4,892	9,892	4,000	2,729	6,729
PA	*	1,500	*	*	1,030	*
SC	*	*	*	*	*	*
SD	16,000	4,019	20,019	14,000	3,069	17,069
TN		*	*		7	7
TX	*	269	*	*	171	*
UT	3,600	2,872	6,472	3,400	2,799	6,199
VA	*	*	*	*	1,122	*
WA	6,000	14,272	20,272	9,000	11,395	20,395
WV		*	*		*	*
WI	*	11,451	*	*	10,569	*
WY	2,500	*	*	4,000	*	*
Unall*	12,500	9,149	40,033	9,500	7,422	36,763
US	261,000	157,402	418,402	284,900	124,129	409,029

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

Soybeans: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <sup>1/</sup>	Total All Positions	On Farms	Off Farms <sup>1/</sup>	Total All Positions
	1,000 Bushels					
AL	*	*	*	*	1,304	*
AZ						
AR	500	6,695	7,195	400	2,714	3,114
CA						
CO					*	*
DE	*	*	*	*	*	*
FL	*	*	*	*	*	*
GA	500	1,687	2,187	300	2,072	2,372
ID						
IL	15,000	35,775	50,775	17,000	35,110	52,110
IN	4,500	5,414	9,914	5,000	4,371	9,371
IA	24,000	41,405	65,405	37,000	50,600	87,600
KS	1,500	5,615	7,115	3,000	4,689	7,689
KY	550	2,260	2,810	550	1,484	2,034
LA	50	6,701	6,751	20	2,544	2,564
MD	*	*	*	*	*	*
MI	1,200	2,614	3,814	1,100	861	1,961
MN	24,000	16,737	40,737	27,500	22,306	49,806
MS	200	*	*	150	*	*
MO	8,200	8,983	17,183	9,500	9,034	18,534
MT						
NE	6,500	11,197	17,697	6,400	8,685	15,085
NV						
NH						
NJ	*	22	*	*	32	*
NM						
NY		52	52		*	*
NC	1,100	2,122	3,222	600	4,431	5,031
ND	1,500	700	2,200	1,400	860	2,260
OH	4,500	7,705	12,205	3,000	5,243	8,243
OK	*	264	*	*	74	*
OR		*	*		*	*
PA	*	395	*	*	230	*
SC	900	*	*	250	606	856
SD	6,000	2,034	8,034	8,000	2,285	10,285
TN	700	704	1,404	600	236	836
TX	*	944	*	*	454	*
UT		*	*		*	*
VA	*	533	*	*	*	*
WA		*	*		*	*
WV					*	*
WI	1,500	916	2,416	1,200	1,187	2,387
WY						
Unall*	2,100	11,963	17,321	2,000	5,822	10,066
US	105,000	173,437	278,437	124,970	167,234	292,204

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

Oats: Stocks by Position, State, and United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <u>1/</u>	Total All Positions	On Farms	Off Farms <u>1/</u>	Total All Positions
1,000 Bushels						
AL	*	501	*	*	195	*
AZ		22	22		*	*
AR	*	471	*	*	490	*
CA	*	1,013	*	*	130	*
CO	*	210	*	*	185	*
DE					*	*
FL		*	*		*	*
GA	*	379	*	*	183	*
ID	*	425	*	*	141	*
IL	4,000	1,945	5,945	2,200	900	3,100
IN	1,700	794	2,494	700	388	1,088
IA	16,000	12,304	28,304	7,500	6,587	14,087
KS	3,000	2,525	5,525	900	889	1,789
KY		80	80		85	85
LA		1,499	1,499		*	*
MD	*	*	*	*	*	*
MI	4,000	1,674	5,674	3,500	2,606	6,106
MN	27,000	26,310	53,310	21,000	14,011	35,011
MS					*	*
MO	1,300	2,067	3,367	900	1,377	2,277
MT	4,500	553	5,053	4,600	90	4,690
NE	6,800	7,787	14,587	4,300	2,587	6,887
NV						
NH		*	*		*	*
NJ		31	31		20	20
NM		*	*		*	*
NY	5,500	253	5,753	5,000	892	5,892
NC	*	440	*	*	245	*
ND	32,000	4,500	36,500	42,000	3,000	45,000
OH	5,000	2,395	7,395	4,500	3,634	8,134
OK	*	340	*	*	277	*
OR	2,400	1,679	4,079	2,000	574	2,574
PA	10,000	1,595	11,595	8,000	1,130	9,130
SC	*	168	*	*	131	*
SD	33,000	6,791	39,791	24,000	4,018	28,018
TN		214	214		215	215
TX	3,700	4,951	8,651	3,000	3,169	6,169
UT	*	232	*	*	88	*
VA		68	68		64	64
WA	*	335	*	*	111	*
WV	*	*	*	*	*	*
WI	26,000	5,830	31,830	20,000	4,741	24,741
WY	*	50	*	*	31	*
Unall*	14,000	4,286	22,850	8,900	4,712	15,819
US	199,900	94,717	294,617	163,000	57,896	220,896

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

1/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

Mustard Seed: Stocks by Position, United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <u>1/</u>	Total All Positions	On Farms	Off Farms <u>1/</u>	Total All Positions
1,000 Pounds						
US	*	*	13,000	*	*	11,400

1/ Includes stocks at mills, elevators, warehouses, terminals, and processors.  
\* Data not published to avoid disclosure of individual operations.

Safflower: Stocks by Position, United States,  
September 1, 1992-93

State:	1992			1993		
	On Farms	Off Farms <u>1/</u>	Total All Positions	On Farms	Off Farms <u>1/</u>	Total All Positions
1,000 Pounds						
US	*	*	6,400	*	*	33,900

1/ Includes stocks at mills, elevators, warehouses, terminals, and processors.  
\* Data not published to avoid disclosure of individual operations.

Corn and Sorghum: Stocks by Position, State,  
and United States, June 1, 1993

State:	Corn <u>1/</u>			Sorghum <u>1/</u>		
	On Farms	Off Farms <u>2/</u>	Total All Positions	On Farms	Off Farms <u>2/</u>	Total All Positions
	1,000 Bushels					
AL	*	3,111	*	*	*	*
AZ	*	501	*		221	221
AR	*	900	*	600	1,989	2,589
CA	*	4,190	*		166	166
CO	20,000	12,375	32,375	550	757	1,307
DE	*	3,781	*		*	*
FL	*	*	*		*	*
GA	*	6,551	*	*	*	*
ID	*	573	*			
IL	290,000	358,770	648,770	1,200	1,440	2,640
IN	140,000	124,103	264,103		62	62
IA	560,000	341,246	901,246		*	*
KS	27,000	41,963	68,963	19,000	73,589	92,589
KY	25,500	11,452	36,952	*	*	*
LA	*	8,033	*	20	1,758	1,778
MD	*	8,955	*			
MI	53,000	25,596	78,596			
MN	300,000	99,065	399,065			
MS	*	2,231	*	35	319	354
MO	76,000	35,858	111,858	6,500	7,838	14,338
MT	*	72	*			
NE	280,000	182,844	462,844	24,000	42,905	66,905
NV						
NH		*	*		*	*
NJ	*	*	*			
NM	*	683	*	760	1,629	2,389
NY	*	*	*			
NC	13,000	11,757	24,757	*	8	*
ND	9,000	2,700	11,700			
OH	85,000	92,503	177,503			
OK	*	1,836	*	400	2,265	2,665
OR	*	448	*			
PA	43,000	6,200	49,200		*	*
SC	*	1,799	*	*	*	*
SD	98,000	13,165	111,165	2,200	406	2,606
TN	*	6,789	*	*	226	*
TX	7,000	35,604	42,604	2,500	69,809	72,309
UT	*	519	*		*	*
VA	*	4,336	*		5	5
WA	*	*	*		*	*
WV	*	*	*		*	*
WI	110,000	31,904	141,904		350	350
WY	*	*	*			
Unall*	80,000	10,530	145,838	700	606	1,540
US	2,216,500	1,492,943	3,709,443	58,465	206,348	264,813

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

1/ Revised.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

All Wheat and Soybeans: Stocks by Position, State,  
and United States, June 1, 1993

State:	All Wheat <u>1/</u>			Soybeans <u>1/</u>		
	On Farms	Off Farms <u>2/</u>	Total All Positions	On Farms	Off Farms <u>2/</u>	Total All Positions
	1,000 Bushels					
AL	*	*	*	*	1,664	*
AZ	*	*	*			
AR	40	35	75	2,000	14,807	16,807
CA	300	3,678	3,978			
CO	5,500	9,690	15,190		*	*
DE	*	*	*	*	*	*
FL	*	*	*			
GA	*	*	*	800	*	*
ID	4,700	10,384	15,084			
IL	500	5,838	6,338	63,000	68,960	131,960
IN	100	1,595	1,695	16,500	18,504	35,004
IA	*	*	*	83,000	82,742	165,742
KS	6,000	49,018	55,018	7,000	18,784	25,784
KY	*	331	*	2,300	6,225	8,525
LA	*	4,470	*	100	7,071	7,171
MD	*	607	*	*	*	*
MI	400	5,742	6,142	4,000	3,720	7,720
MN	17,000	24,945	41,945	60,000	31,000	91,000
MS	*	*	*	700	*	*
MO	600	6,355	6,955	17,000	19,371	36,371
MT	35,000	13,352	48,352			
NE	6,000	19,219	25,219	14,500	23,676	38,176
NV	*	*	*			
NH	*	*	*			
NJ	*	*	*	*	75	*
NM	*	1,668	*			
NY	*	7,357	*		30	30
NC	130	1,962	2,092	2,000	6,762	8,762
ND	77,000	44,000	121,000	3,500	2,250	5,750
OH	550	14,253	14,803	16,000	23,178	39,178
OK	1,000	13,946	14,946	*	153	*
OR	2,000	15,008	17,008		*	*
PA	*	2,200	*	*	600	*
SC	*	132	*	900	2,754	3,654
SD	20,000	6,862	26,862	15,500	4,328	19,828
TN	*	1,463	*	2,100	1,153	3,253
TX	500	33,002	33,502	*	4,990	*
UT	*	4,404	*		*	*
VA	*	761	*	*	*	*
WA	3,500	34,528	38,028		*	*
WV	*	*	*		*	*
WI	*	3,699	*	3,400	2,818	6,218
WY	*	*	*			
Unall*	3,000	4,830	34,922	5,500	17,998	32,480
US	183,820	345,334	529,154	319,800	363,613	683,413

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

1/ Revised.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors.

Oats and Barley: Stocks by Position, State,  
and United States, June 1, 1993

State:	Oats <u>1/</u>			Barley <u>1/</u>		
	On Farms	Off Farms <u>2/</u>	Total All Positions	On Farms	Off Farms <u>2/</u>	Total All Positions
	1,000 Bushels					
AL	*	188	*	*	*	*
AZ		*	*	*	*	*
AR	*	72	*			
CA	*	127	*	500	1,671	2,171
CO	*	155	*	650	5,930	6,580
DE		*	*	*	31	*
FL		*	*			
GA	*	84	*		*	*
ID	*	143	*	6,000	9,883	15,883
IL	1,000	535	1,535		*	*
IN	330	306	636			
IA	6,000	6,277	12,277		*	*
KS	900	966	1,866	70	208	278
KY		65	65	*	18	*
LA		1,356	1,356		*	*
MD	*	*	*	*	168	*
MI	1,100	1,398	2,498	*	*	*
MN	10,000	12,732	22,732	10,000	22,601	32,601
MS		*	*			
MO	400	1,813	2,213		24	24
MT	1,800	92	1,892	12,000	3,562	15,562
NE	2,400	3,021	5,421	*	68	*
NV				*	*	*
NH		*	*		*	*
NJ		19	19	*	*	*
NM		*	*		*	*
NY	1,200	450	1,650		*	*
NC	*	164	*	*	120	*
ND	11,000	1,650	12,650	27,000	19,000	46,000
OH	1,700	2,301	4,001		*	*
OK	*	161	*	*	62	*
OR	300	294	594	700	1,219	1,919
PA	2,400	700	3,100	*	375	*
SC	*	64	*	*	*	*
SD	12,000	1,348	13,348	5,300	2,530	7,830
TN		230	230		*	*
TX	900	1,200	2,100	*	83	*
UT	*	119	*	1,200	973	2,173
VA		32	32	*	74	*
WA	*	129	*	800	2,716	3,516
WV	*	*	*		*	*
WI	9,000	7,157	16,157	*	7,604	*
WY	*	*	*	500	1,708	2,208
Unall*	3,700	1,715	6,821	3,500	2,334	14,437
US	66,130	47,063	113,193	68,220	82,962	151,182

\* "Off farms unallocated" includes State data not published to avoid disclosure of individual operations; "on farms unallocated" includes minor producing States' data not published separately.

1/ Revised.

2/ Includes stocks at mills, elevators, warehouses, terminals, and processors.



## Reliability of September 1, 1993, Grain Stocks Estimates

**Survey Procedures:** The grain stocks estimates in this report are based on surveys conducted during the first 2 weeks of September. Separate surveys were conducted to obtain the on-farm and off-farm estimates. The on-farm stocks survey is a probability survey that included about 70,000 operators selected from a list of producers that ensures that all operations in the U.S. have a chance to be selected. These producers were asked to provide the total quantities of grain on their operations as of September 1, 1993. This included all whole grains and oilseeds stored whether for feed, seed, or sale as well as any stored under a Government program.

The 1993 small grain crops, unlike most years, is running unusually late. Harvest progress is considerably behind normal and a significant portion of the barley, oats, durum wheat, and other wheat remained unharvested as of the grain stocks reference date September 1, 1993. After the beginning of the marketing year, unharvested grain is counted in the production and stocks estimates. On-farm questionnaires are designed to determine if producers included their unharvested small grain in their stocks report. If unharvested grain was not included, the producer is then asked again stocks questions and requested to include unharvested grain.

The off-farm stocks survey is an enumeration of all known commercial grain storage facilities. This includes approximately 13,000 facilities with about 9 billion bushels of storage capacity. An effort is made to obtain a report from all facilities. Reports of stock holdings are normally received from operations covering about 90 percent of the capacity. Estimates are made for missing facilities to make the survey complete.

**Estimation Procedures:** On-farm and off-farm survey data are reviewed at the State and national levels for reasonableness, consistency with historical estimates, and current crop size. After estimates are made for on-farm and off-farm, the total of these two are combined and evaluated using the balance sheet approach. This method utilizes other sources of data to check the reasonableness of the stocks estimates. Estimates of production, imports, exports, crushings, milling, and all other recorded uses of grain and oilseeds are reviewed to make sure beginning stocks, production, utilization, and ending stocks are within reasonable balance and present the best possible estimate of stocks.

**Revision Policy:** On-farm and off-farm stocks are subject to revision the quarter following initial publication and again in the following December 1 "Grain Stocks" report published in January each year. Revisions can be made when late reports are received, errors are detected in reporting and calculating, and production estimates are revised. Estimates will also be reviewed after data for the 5-year Census of Agriculture, conducted by the Department of Commerce, are available. No revisions will be made after that date. In the past 5 years, revisions of corn, soybeans, and all wheat September 1 stocks have been less than 1 percent at the U.S. level except in one instance.

**Reliability:** Reliability of the on-farm and off-farm stocks must be treated separately because the survey design for the two surveys are drastically different. The on-farm stocks estimates are subject to sampling variability because all operations holding on-farm stocks are not included in the sample. This variability, as measured by the relative standard error at the U.S. level, is approximately 1.9 percent for corn, 3.9 percent for soybeans, and 1.7 percent for all wheat. This means that chances are approximately 95 out of 100 that survey estimates for stocks will be within plus or minus 3.8 percent for corn, 7.8 percent for soybeans, and 3.4 percent for all wheat of the value that could be developed by averaging the estimates produced from all possible samples selected from the same population and surveyed using the same procedures. The relative standard error for sorghum, barley, and oats are 7.7, 3.2, and 3.0, respectively. Sampling errors cannot be applied directly to the on-farm stocks published in this report to determine confidence intervals since the Agricultural Statistics Board estimates represent a composite of information from more than a single source.

Surveys estimates are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. Off-farms, as well as on-farms stocks, are subject to these types or errors. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

At the beginning of the survey period for the September 1, 1993, "**Grain Stocks**" report, small grain harvest was running considerably later than usual. Six percent of the winter wheat was still unharvested when the average is only one percent. Approximately 70 percent of the spring wheat remained to be harvested compared to an average of 18 percent. Oats and barley also lagged normal harvesting progress.

The September 1 "**Grain Stocks**" report indicates inventory at the end of the first quarter of the 1993 marketing year for small grains and by definition **includes** the unharvested portion of the crop. Corn, sorghum, and soybean stocks are the ending inventories for the 1992 and earlier crops and **exclude** all of the 1993 crop.

The final small grain acreage, yield, and production estimates are published in the October "**Crop Production**" report. This year producers reporting unharvested grain on the survey will be resurveyed and States will have the opportunity to update production estimates in the **Annual Summary**, published January 12, 1994.

The next "**Grain Stocks**" report will be released in January 1994.

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