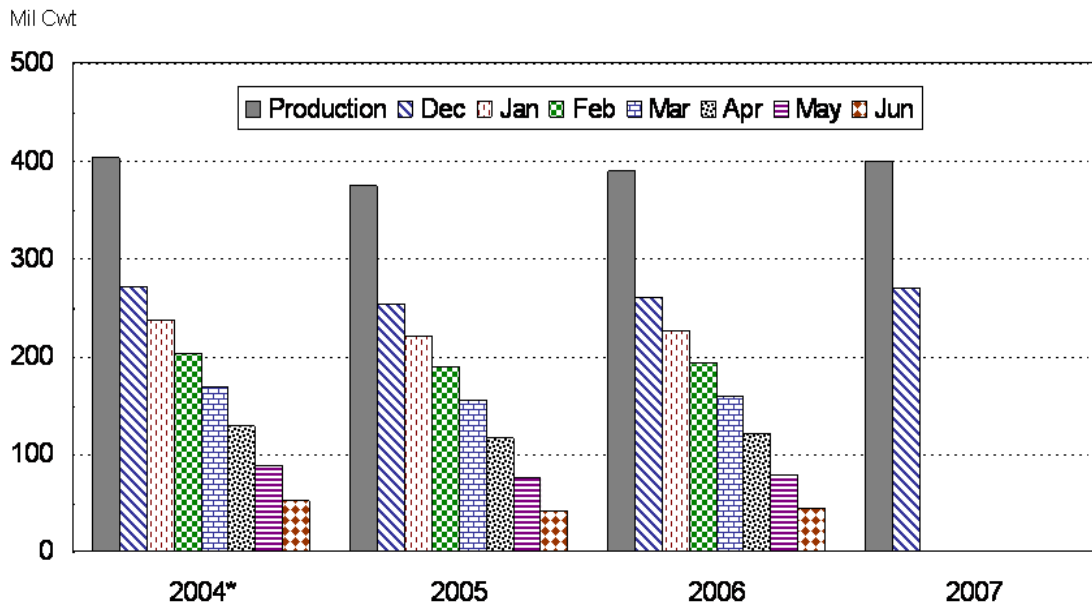


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Potato Stocks Up 4 Percent from Last Year

The 13 major potato States held 270 million cwt of potatoes in storage December 1, 2007, up 4 percent from last year and 6 percent above December 1, 2005. Potatoes in storage account for 68 percent of the 2007 fall storage States' production, up 1 percentage point from last year. Klamath Basin stocks totaled 4.20 million cwt on December 1, 2007, up 5 percent from last year. Klamath Basin includes California and Klamath County, Oregon potato stocks. Potato disappearance, at 130 million cwt, is virtually unchanged from last year but up 8 percent from 2005. Season to date shrink and loss, at 13.9 million cwt, is up 5 percent from 2006 and 9 percent above 2 years ago. Processors in the 9 major States have used 72.0 million cwt of potatoes this season, down 3 percent from a year ago but 10 percent above 2 years ago. Dehydrating usage accounts for 12.7 million cwt of the total processing, down 13 percent from last year but 7 percent above the same date in 2005.

Fall Potatoes: Production and Stocks 13 Storage States



Production by crop year. Stocks by months following harvest.

*15 Storage States.

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**Fall Potatoes: Production and Stocks, 13 Major States,
December 1, 2006-2007 ¹**

State	Crop of 2006			Crop of 2007		
	Prod	Stocks Dec 1, 2006	% of Prod	Prod	Stocks Dec 1, 2007	% of Prod
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>Percent</i>
CA	3,870	1,800	47	4,223	2,000	47
CO	22,686	17,200	76	20,981	15,200	72
ID	128,915	90,000	70	131,650	94,000	71
ME	17,980	14,400	80	16,530	12,700	77
MI	14,190	8,100	57	14,700	9,500	65
MN	20,400	13,300	65	20,680	13,500	65
MT	3,518	3,300	94	3,696	3,600	97
NE	8,730	5,800	66	7,800	5,200	67
NY	5,700	3,000	53	5,216	2,800	54
ND	25,480	17,300	68	23,660	14,500	61
OR	18,533	16,000	86	20,238	18,000	89
WA	89,900	49,000	55	102,300	60,000	59
WI	29,370	20,100	68	28,160	19,000	67
13 States	389,272	259,300	67	399,834	270,000	68
Klamath Basin ²		4,000			4,200	

¹ Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2007 totaled 26.4 million cwt.

² Includes potato stocks in CA and Klamath Co. OR.

Fall Potatoes: Production and Stocks, 13 Major States, 1998-2007

Crop Year	Production	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
1998 ¹	423,170	280,910	246,230	209,640	173,650	131,220	87,895	50,270
1999 ¹	420,567	275,100	239,910	207,150	169,620	128,410	86,915	47,220
2000 ¹	458,827	310,300	275,270	234,260	197,670	153,520	109,160	61,270
2001 ¹	387,033	258,750	224,680	192,090	158,590	119,950	81,200	42,990
2002 ¹	407,085	264,485	231,490	199,020	165,210	125,770	83,040	45,880
2003 ¹	403,181	267,900	233,590	200,230	166,280	126,110	85,000	46,020
2004 ¹	403,587	271,100	236,700	203,490	168,020	128,900	88,550	51,700
2005	374,298	253,800	220,500	189,100	155,500	115,700	75,900	41,560
2006	389,272	259,300	226,100	192,600	159,700	121,000	79,050	44,460
2007	399,834	270,000						

¹ 15 major States.

NOTE: Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes that are not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 91.1 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 8.9 percent.

Potatoes: Quantity Used for Processing, 9 States, 2005-2007 ¹

State and Crop Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Season
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID & OR-Mal								
2005	22,840	29,300	35,970	43,300	50,820	57,830	65,030	77,360
2006	27,090	34,070	41,350	48,940	56,650	63,680	71,220	85,630
2007	26,230							
ME ²								
2005	1,365	1,880	2,485	3,090	3,800	4,450	5,130	6,825
2006	1,755	2,360	2,910	3,465	4,185	4,810	5,470	7,560
2007	1,695							
WA & OR-Oth								
2005	30,310	35,895	40,545	48,290	55,320	61,855	69,360	78,550
2006	30,980	37,060	42,190	49,930	56,690	63,170	70,410	77,355
2007	28,995							
Other Sts ³								
2005	11,055	14,070	17,005	19,895	22,520	25,270	27,740	35,535
2006	14,270	17,695	21,290	24,545	28,040	31,370	34,830	43,315
2007	15,120							
Total								
2005	65,570	81,145	96,005	114,575	132,460	149,405	167,260	198,270
2006	74,095	91,185	107,740	126,880	145,565	163,030	181,930	213,860
2007	72,040							
Dehydrated ⁴								
2005	11,920	15,655	19,225	22,765	26,605	30,065	34,130	41,625
2006	14,590	19,250	23,635	27,885	32,210	36,480	40,915	49,370
2007	12,740							

¹ Total quantity received and used for processing regardless of the State in which the potatoes were produced. Amount excludes quantities used for potato chips in ME and WI.

² Includes Maine grown potatoes only.

³ CO, MN, NV, ND, and WI.

⁴ Dehydrated products except starch and flour. Included in above totals. Includes CO, ID, NV, ND, OR, WA, and WI.

**Fall Potatoes: Stocks by Type as Percent of Total Stocks,
10 Selected States, December 1, 2006-2007**

State	Potato Types									
	Reds		Round Whites		Long Whites		Yellows ¹		Russets	
	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
CO	3	4	13	3				11	84	82
ID	2	2			2	3		1	96	94
ME	2	3	38	42		1		2	60	52
MI	1	1	87	86				1	12	12
MN	12	12	4	8	2				82	80
NY	5	16	90	69			13		5	2
ND	15	14	17	16	2	4			66	66
OR	1	1	2	4	2	2		1	95	92
WA	2	3	1	4	5	7		1	92	85
WI	4	4	14	34					82	62
10 St Avg	4	4	10	11	2	3		2	84	80

¹ Estimates began in 2007.

**Potatoes: Area Planted, Harvested, Yield, and Production
by Seasonal Group, State, and United States, 2005-2007**

Seasonal Group 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>
Winter ¹						
CA	14.0	12.0	11.5	14.0	12.0	11.5
FL ²	6.0	5.7		5.8	5.5	
Total	20.0	17.7	11.5	19.8	17.5	11.5
Spring ¹						
AZ	4.3	3.9	4.0	4.3	3.9	4.0
CA	15.1	15.3	15.5	15.1	15.3	15.5
FL ²	23.6	23.1	27.8	23.2	22.6	27.2
Hastings	17.3	17.0	16.5	17.0	16.6	16.2
Other FL	6.3	6.1	11.3	6.2	6.0	11.0
NC	15.5	17.7	16.0	15.0	15.5	14.5
TX	9.5	10.7	9.7	9.1	10.2	9.2
Total	68.0	70.7	73.0	66.7	67.5	70.4
State	Yield			Production		
	2005	2006	2007	2005	2006	2007
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Winter ¹						
CA	250	260	215	3,500	3,120	2,473
FL ²	240	250		1,392	1,375	
Total	247	257	215	4,892	4,495	2,473
Spring ¹						
AZ	275	300	280	1,183	1,170	1,120
CA	405	395	395	6,116	6,044	6,123
FL ²	281	285	284	6,527	6,441	7,726
Hastings	280	285	280	4,760	4,731	4,536
Other FL	285	285	290	1,767	1,710	3,190
NC	190	210	190	2,850	3,255	2,755
TX	225	280	320	2,048	2,856	2,944
Total	281	293	294	18,724	19,766	20,668

¹ Estimates for current year carried forward from an earlier forecast.

² Winter potatoes combined with spring potatoes in 2007.

**Potatoes: Area Planted and Harvested by Seasonal Group, State,
and United States, 2005-2007**

Seasonal Group 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>
Summer ¹						
AL	1.6	1.7	1.5	1.3	1.6	1.3
CA	6.2	6.3	7.0	6.2	6.3	7.0
CO	5.0	3.7	3.0	4.9	3.6	2.8
DE	3.3	3.0	2.0	3.1	2.1	2.0
IL	5.7	6.5	6.3	5.5	6.3	6.1
KS	5.1	6.0	4.5	5.0	5.7	4.4
MD	3.5	4.0	3.0	3.4	2.9	3.0
MO	6.5	7.8	7.0	6.3	7.6	6.7
NJ	2.1	2.5	2.3	2.1	2.5	2.3
TX	9.4	10.5	11.2	8.7	9.7	8.9
VA	5.0	6.0	6.0	4.9	5.6	5.8
Total	53.4	58.0	53.8	51.4	53.9	50.3
Fall						
CA	7.6	8.6	8.2	7.6	8.6	8.2
CO	58.2	59.9	59.2	58.0	59.7	59.1
ID	325.0	335.0	350.0	323.0	334.0	349.0
10 SW Co	21.0	21.0	21.0	21.0	21.0	21.0
Other ID	304.0	314.0	329.0	302.0	313.0	328.0
ME	57.5	58.5	57.1	56.2	58.0	57.0
MA	2.5	3.1	2.7	2.4	3.1	2.7
MI	43.0	43.5	42.5	42.8	43.0	42.0
MN	46.0	51.0	50.0	43.0	48.0	47.0
MT	10.7	10.6	11.3	10.6	10.5	11.2
NE	19.5	19.5	20.5	19.4	19.4	20.0
NV	5.5	6.6	7.5	5.5	6.6	7.5
NM	4.7	5.0	5.5	4.2	5.0	5.5
NY	20.5	20.6	19.0	20.1	19.0	18.3
ND	92.0	100.0	97.0	82.0	98.0	91.0
OH	3.7	3.3	3.2	3.6	3.1	3.0
OR	37.3	35.0	36.5	37.1	35.0	36.5
Malheur	3.8	3.5	3.5	3.8	3.5	3.5
Other OR	33.5	31.5	33.0	33.3	31.5	33.0
PA	11.5	11.0	10.5	11.0	10.5	10.0
RI	0.5	0.5	0.6	0.5	0.5	0.6
WA	154.0	156.0	165.0	154.0	155.0	165.0
WI	68.0	66.0	64.5	68.0	66.0	64.0
Total	967.7	993.7	1,010.8	949.0	983.0	997.6
US	1,109.1	1,140.1	1,149.1	1,086.9	1,121.9	1,129.8

¹ Estimates for current year carried forward from an earlier forecast.

**Potatoes: Yield and Production by Seasonal Group, State,
and United States, 2005-2007**

Seasonal Group and State	Yield			Production		
	2005	2006	2007	2005	2006	2007
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Summer ¹						
AL	150	150	120	195	240	156
CA	355	335	360	2,201	2,111	2,520
CO	375	360	360	1,838	1,296	1,008
DE	260	240	260	806	504	520
IL	380	395	400	2,090	2,489	2,440
KS	360	320	345	1,800	1,824	1,518
MD	260	320	300	884	928	900
MO	340	315	305	2,142	2,394	2,044
NJ	255	240	255	536	600	587
TX	465	440	420	4,046	4,268	3,738
VA	210	270	185	1,029	1,512	1,073
Total	342	337	328	17,567	18,166	16,504
Fall						
CA	435	450	515	3,306	3,870	4,223
CO	395	380	355	22,910	22,686	20,981
ID	366	386	377	118,288	128,915	131,650
10 SW Co	470	475	490	9,870	9,975	10,290
Other ID	359	380	370	108,418	118,940	121,360
ME	275	310	290	15,455	17,980	16,530
MA	260	240	295	624	744	797
MI	325	330	350	13,910	14,190	14,700
MN	410	425	440	17,630	20,400	20,680
MT	325	335	330	3,445	3,518	3,696
NE	425	450	390	8,245	8,730	7,800
NV	425	445	390	2,338	2,937	2,925
NM	420	420	420	1,764	2,100	2,310
NY	260	300	285	5,226	5,700	5,216
ND	250	260	260	20,500	25,480	23,660
OH	240	325	325	864	1,008	975
OR	594	530	554	22,023	18,533	20,238
Malheur	450	435	455	1,710	1,523	1,593
Other OR	610	540	565	20,313	17,010	18,645
PA	250	260	220	2,750	2,730	2,200
RI	210	260	300	105	130	180
WA	620	580	620	95,480	89,900	102,300
WI	410	445	440	27,880	29,370	28,160
Total	403	406	410	382,743	398,921	409,221
US	390	393	397	423,926	441,348	448,866

¹ Estimates for current year carried forward from an earlier forecast.

**Potatoes: Area Planted and Harvested by State
and United States, 2005-2007**

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>
AL	1.6	1.7	1.5	1.3	1.6	1.3
AZ	4.3	3.9	4.0	4.3	3.9	4.0
CA	42.9	42.2	42.2	42.9	42.2	42.2
CO	63.2	63.6	62.2	62.9	63.3	61.9
DE	3.3	3.0	2.0	3.1	2.1	2.0
FL	29.6	28.8	27.8	29.0	28.1	27.2
ID	325.0	335.0	350.0	323.0	334.0	349.0
IL	5.7	6.5	6.3	5.5	6.3	6.1
KS	5.1	6.0	4.5	5.0	5.7	4.4
ME	57.5	58.5	57.1	56.2	58.0	57.0
MD	3.5	4.0	3.0	3.4	2.9	3.0
MA	2.5	3.1	2.7	2.4	3.1	2.7
MI	43.0	43.5	42.5	42.8	43.0	42.0
MN	46.0	51.0	50.0	43.0	48.0	47.0
MO	6.5	7.8	7.0	6.3	7.6	6.7
MT	10.7	10.6	11.3	10.6	10.5	11.2
NE	19.5	19.5	20.5	19.4	19.4	20.0
NV	5.5	6.6	7.5	5.5	6.6	7.5
NJ	2.1	2.5	2.3	2.1	2.5	2.3
NM	4.7	5.0	5.5	4.2	5.0	5.5
NY	20.5	20.6	19.0	20.1	19.0	18.3
NC	15.5	17.7	16.0	15.0	15.5	14.5
ND	92.0	100.0	97.0	82.0	98.0	91.0
OH	3.7	3.3	3.2	3.6	3.1	3.0
OR	37.3	35.0	36.5	37.1	35.0	36.5
PA	11.5	11.0	10.5	11.0	10.5	10.0
RI	0.5	0.5	0.6	0.5	0.5	0.6
TX	18.9	21.2	20.9	17.8	19.9	18.1
VA	5.0	6.0	6.0	4.9	5.6	5.8
WA	154.0	156.0	165.0	154.0	155.0	165.0
WI	68.0	66.0	64.5	68.0	66.0	64.0
US	1,109.1	1,140.1	1,149.1	1,086.9	1,121.9	1,129.8

**Potatoes: Yield and Production by State
and United States, 2005-2007**

State	Yield ¹			Production		
	2005	2006	2007	2005	2006	2007
	<i>Cwt</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AL	150	150	120	195	240	156
AZ	275	300	280	1,183	1,170	1,120
CA	353	359	363	15,123	15,145	15,339
CO	393	379	355	24,748	23,982	21,989
DE	260	240	260	806	504	520
FL	273	278	284	7,919	7,816	7,726
ID	366	386	377	118,288	128,915	131,650
IL	380	395	400	2,090	2,489	2,440
KS	360	320	345	1,800	1,824	1,518
ME	275	310	290	15,455	17,980	16,530
MD	260	320	300	884	928	900
MA	260	240	295	624	744	797
MI	325	330	350	13,910	14,190	14,700
MN	410	425	440	17,630	20,400	20,680
MO	340	315	305	2,142	2,394	2,044
MT	325	335	330	3,445	3,518	3,696
NE	425	450	390	8,245	8,730	7,800
NV	425	445	390	2,338	2,937	2,925
NJ	255	240	255	536	600	587
NM	420	420	420	1,764	2,100	2,310
NY	260	300	285	5,226	5,700	5,216
NC	190	210	190	2,850	3,255	2,755
ND	250	260	260	20,500	25,480	23,660
OH	240	325	325	864	1,008	975
OR	594	530	554	22,023	18,533	20,238
PA	250	260	220	2,750	2,730	2,200
RI	210	260	300	105	130	180
TX	342	358	369	6,094	7,124	6,682
VA	210	270	185	1,029	1,512	1,073
WA	620	580	620	95,480	89,900	102,300
WI	410	445	440	27,880	29,370	28,160
US	390	393	397	423,926	441,348	448,866

¹ Derived

**Fall Potatoes: Production, December 1 Stocks, and Farm Disposition,
13 Storage States and Fall Season States, 2004-2007 Crop Years**

State	Crop Year	Production	Stocks Dec 1	Total Used For Fall Seed	Farm Disposition		
					Where Grown		Sold
					Seed, Feed, Home Use	Shrinkage and Loss	
		<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
CA	2004	3,648	3,000	213	1	292	3,355
	2005	3,306	1,600	249		331	2,975
	2006	3,870	1,800	210		480	3,390
	2007	4,223	2,000				
CO	2004	23,791	18,000	1,513	1,300	2,286	20,205
	2005	22,910	17,200	1,498	1,200	1,650	20,060
	2006	22,686	17,200	1,480	1,140	2,056	19,490
	2007	20,981	15,200				
ID	2004	131,970	93,500	7,150	1,250	10,902	119,818
	2005	118,288	85,000	7,370	1,230	7,800	109,258
	2006	128,915	90,000	7,875	1,188	8,200	119,527
	2007	131,650	94,000				
ME	2004	19,065	15,000	1,231	190	4,900	13,975
	2005	15,455	12,500	1,264	242	1,183	14,030
	2006	17,980	14,400	1,236	228	1,482	16,270
	2007	16,530	12,700				
MI	2004	13,650	8,000	860	194	1,656	11,800
	2005	13,910	7,900	1,044	182	1,728	12,000
	2006	14,190	8,100	961	180	1,800	12,210
	2007	14,700	9,500				
MN	2004	18,920	13,000	837	100	1,750	17,070
	2005	17,630	13,500	1,040	140	1,600	15,890
	2006	20,400	13,300	1,190	250	1,700	18,450
	2007	20,680	13,500				
MT	2004	3,551	3,500	257	156	276	3,119
	2005	3,445	3,400	244	156	210	3,079
	2006	3,518	3,300	270	180	130	3,208
	2007	3,696	3,600				
NE	2004	9,288	6,300	519	212	906	8,170
	2005	8,245	5,600	515	231	834	7,180
	2006	8,730	5,800	521	200	775	7,755
	2007	7,800	5,200				
NY	2004	5,184	2,300	451	100	513	4,571
	2005	5,226	2,900	453	100	491	4,635
	2006	5,700	3,000	460	100	480	5,120
	2007	5,216	2,800				

--continued

**Fall Potatoes: Production, December 1 Stocks, and Farm Disposition,
13 States and Fall Season, 2004-2007 (continued)**

State	Crop Year	Production	Stocks Dec 1	Total Used For Fall Seed	Farm Disposition		
					Where Grown		Sold
					Seed, Feed, Home Use	Shrinkage and Loss	
		<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ND	2004	26,765	19,600	1,794	240	2,825	23,700
	2005	20,500	14,000	1,900	240	1,810	18,450
	2006	25,480	17,300	1,853	240	2,290	22,950
	2007	23,660	14,500				
OH ¹	2004	1,080	200	73	6	33	1,041
	2005						
	2006						
	2007						
OR	2004	19,775	17,000	955	241	1,264	18,270
	2005	22,023	19,000	837	255	1,392	20,376
	2006	18,533	16,000	880	260	1,020	17,253
	2007	20,238	18,000				
PA ¹	2004	2,640	1,600	253	39	216	2,385
	2005						
	2006						
	2007						
WA	2004	93,810	50,000	3,850	240	5,600	87,970
	2005	95,480	52,500	3,900	240	6,000	89,240
	2006	89,900	49,000	4,290	240	5,500	84,160
	2007	102,300	60,000				
WI	2004	30,450	20,100	1,360	260	1,985	28,205
	2005	27,880	18,700	1,452	300	1,380	26,200
	2006	29,370	20,100	1,430	245	1,925	27,200
	2007	28,160	19,000				
13 States ²	2004	403,587	271,100	21,316	4,529	35,404	363,654
	2005	374,298	253,800	21,766	4,516	26,409	343,373
	2006	389,272	259,300	22,656	4,451	27,838	356,983
	2007	399,834	270,000				
Fall States	2004	410,253		21,593	4,549	35,923	369,781
	2005	382,743		22,415	4,545	27,115	351,083
	2006	398,921		23,337	4,482	28,576	365,863
	2007	409,221					
Klamath Basin ³	2004						
	2005						
	2006		4,000				
	2007		4,200				

¹ Stock estimates discontinued in 2005.

² 15 Storage States in 2004.

³ Estimates began in December 2006. Includes potato stocks in CA and Klamath Co. OR.

**Potatoes: Production, Sold, Not Sold, and Kept for Seed,
United States, 2002-2007**

Crop Year	Fall Potatoes					Amount Used for Seed All Seasons Following Year
	Production	Sold	Sold as % of Prod	Not Sold	Not Sold as % of Prod	
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>
2002	413,581	378,796	91.6	34,785	8.4	28,149
2003	410,588	371,755	90.5	38,833	9.5	26,687
2004	410,253	369,781	90.1	40,472	9.9	24,768
2005	382,743	351,083	91.7	31,660	8.3	25,659
2006	398,921	365,863	91.7	33,058	8.3	26,437
2007	409,221					

Potatoes: Shrinkage and Loss, 13 Fall Storage States, 2004-2007

Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	Total Jun 1	Season
	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>
2004 ¹	15.5	19.1	22.0	24.8	27.3	29.7	32.5	35.4
2005	12.7	15.0	16.8	18.4	20.2	22.0	23.7	26.4
2006	13.2	16.1	18.4	20.4	22.3	24.0	25.5	27.8
2007	13.9							

¹ 15 Fall Storage States.

2007 Potato Objective Yield Data

The National Agricultural Statistics Service conducted potato objective yield surveys in the 7 major fall producing States in 2007. These 7 States account for 84 percent of the fall potato production. Sample plots were located in potato fields that were selected on a random basis using a scientifically designed sampling procedure. Field workers recorded counts and measurements. Survey data from the objective yield counts are presented in the following two tables and are provided to show information about the crop and trends in production.

**Fall Potatoes: Harvest Loss by Type, Seven Objective
Yield States, 2006-2007^{1 2}**

State	Crop Year	Reds	Whites	Yellows ³	Russets	All Types
		<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>
ID	2006 2007				31 26	30 27
ME	2006 2007		20 18		23 16	21 17
MN	2006 2007	10 10	28 15		24 30	20 21
ND	2006 2007	13 17	21 22		38 34	28 27
OR	2006 2007		18 44		36 29	34 30
WA	2006 2007		15 14		20 20	19 19
WI	2006 2007	24	10 13		13 11	14 11

¹ Potatoes left in the field at time of harvest. Based on counts in potato fields selected for postharvest samples.

² Missing data represents insufficient number of samples.

³ Field counts began in 2007.

**Fall Potatoes: Number of Hills by Type, Seven Objective
Yield States, 2006-2007^{1 2}**

State	Crop Year	Reds		Whites		Yellows ³		Russets	
		Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre
ID	2006 2007	6 3	13,811 17,356	4 8	12,019 14,131	4	13,626	276 264	12,480 12,134
ME	2006 2007	5 6	14,532 12,874	70 63	12,689 13,098	11	13,418	64 68	10,208 9,629
MN	2006 2007	36 43	12,331 12,936	10 5	12,158 11,070			84 82	12,498 12,293
ND	2006 2007	21 29	11,257 10,741	42 23	10,511 11,367			78 81	11,977 12,105
OR	2006 2007			21 25	14,496 14,051	3	13,042	95 91	13,239 12,409
WA	2006 2007	13 6	16,358 16,271	27 18	13,801 14,292			151 154	14,409 15,087
WI	2006 2007	13 11	15,372 14,950	36 34	14,717 13,823			73 77	12,973 12,875

¹ Based on row measurements and counts in potato fields selected for objective yield samples.

² Missing data represents insufficient number of samples.

³ Field counts began in 2007.

Potato Size and Grade

Size and grade measurements came from potatoes harvested in the objective yield survey sample plots. Potatoes were harvested from six hills per sample randomly selected in each State using a scientifically designed sampling procedure. Potatoes were sent to laboratories for sizing and grading according to accepted U.S. fresh grading standards. The following tables contain percent measurements as they actually occurred.

**Fall Potatoes: Grading Categories by Type and State,
2006-2007 ¹**

Type and State	No. 1 2 Inch Minimum ²		No. 2 or Processing Usable 1 1/2 Inch Minimum ³		Cull ⁴		Total	
	2006	2007	2006	2007	2006	2007	2006	2007
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Round Red Potatoes								
MN	66.3	77.9	24.5	17.3	9.2	4.8	100.0	100.0
ND ⁵		70.2		23.2		6.6		100.0
WI ⁵		79.8		18.8		1.4		100.0
Round White Potatoes								
ME ⁶	78.1	89.1	9.6	8.7	12.3	2.2	100.0	100.0
ND ⁵		67.5		17.7		14.8		100.0
WA ⁵		90.0		8.9		1.1		100.0
WI	80.5	77.6	19.2	20.9	0.3	1.5	100.0	100.0
Yellow Potatoes ⁷								
ME ⁶		82.0		12.2		5.8		100.0
Long Potatoes: (Russet and Shepody)								
ID ⁸	77.0	71.9	21.8	27.1	1.2	1.0	100.0	100.0
ME ⁶	62.9	68.8	20.3	18.6	16.8	12.6	100.0	100.0
MN	70.7	73.1	19.9	19.4	9.4	7.5	100.0	100.0
ND	65.8	70.9	23.1	21.1	11.1	8.0	100.0	100.0
OR	75.3	73.4	23.7	24.9	1.0	1.7	100.0	100.0
WA	80.2	76.0	18.0	22.1	1.8	1.9	100.0	100.0
WI	80.8	83.0	18.3	16.0	0.9	1.0	100.0	100.0

¹ Gross yield basis.

² Potatoes which meet the requirements for US #1, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

³ Potatoes which meet the requirements for US #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

⁴ Potatoes not meeting the requirements for US #1 or US #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

⁵ For 2006, data were not published due to insufficient number of samples.

⁶ Percent of net yield - adjusted for field loss.

⁷ Lab counts began in 2007.

⁸ Russets only.

**Round Potatoes: Size Categories by Type and State,
2006-2007¹**

Year Type State and	Inches							Total
	1 1/2 - 1 7/8	1 7/8 - 2	2 - 2 1/4	2 1/4 - 2 1/2	2 1/2 - 3 1/2	3 1/2 - 4	4 Inch and over	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2006								
Red Potatoes								
MN ND ² WI ²	5.2	3.4	12.8	19.9	57.1	1.2	0.4	100.0
White Potatoes								
ME ³ WA ² WI		2.1	10.8	18.5	63.7	4.2	0.7	100.0
	3.0	2.8	8.6	13.4	62.8	8.1	1.3	100.0
Yellow Potatoes ⁴								
ME ³								
2007								
Red Potatoes								
MN ND WI	5.7 7.4 7.9	4.3 6.0 5.8	14.3 13.9 16.0	22.3 18.5 20.4	52.7 50.1 44.6	0.5 4.1 5.3	0.2	100.0 100.0 100.0
White Potatoes								
ME ³ ND WA WI	0.9 6.6 3.2 3.1	1.3 7.6 2.5 3.2	10.5 16.1 8.5 9.9	20.8 23.9 11.7 14.5	60.7 41.7 61.5 64.8	4.9 2.6 10.9 4.2	0.9 1.5 1.7 0.3	100.0 100.0 100.0 100.0
Yellow Potatoes ⁴								
ME ³	1.5	2.5	8.4	12.5	65.5	9.6		100.0

¹ Gross yield basis.

² For 2006, data were not published due to insufficient number of samples.

³ Percent of net yield - adjusted for field loss.

⁴ Lab counts began in 2007.

**Long Potatoes (Russet & Shepody): Size Categories
Maine, 2006-2007¹**

Crop Year	Inches		Ounce						Total
	1 1/2 - 1 7/8	1 7/8 - 2	2 in. or 4-6	6-8	8-10	10-12	12-14	14 and Over	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2006	5.5	6.3	32.7	18.6	13.4	8.3	5.5	9.7	100.0
2007	6.3	5.4	33.6	20.7	14.6	7.9	5.6	5.9	100.0

¹ Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories
by State, 2006-2007¹**

State and Year	Inches			Ounce										Total
	1 1/2 - 1 5/8	1 5/8 - 1 7/8	1 7/8 - 2	2 in. or 4-6	6	7	8	9	10	11	12	13	14 and Over	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2006														
ID ²	1.6	6.8	3.6	26.1	9.6	9.0	7.0	6.4	5.3	4.7	3.5	3.1	13.3	100.0
MN	1.5	6.3	5.4	25.8	10.8	9.5	8.5	6.6	5.3	4.6	3.1	3.3	9.3	100.0
ND	1.0	6.6	4.8	28.0	10.8	9.1	8.4	6.3	5.2	4.7	3.8	2.3	9.0	100.0
OR	1.7	5.3	3.1	21.9	8.4	9.8	7.7	6.7	7.1	4.9	3.9	3.6	15.9	100.0
WA	0.9	4.3	2.5	23.6	9.0	9.6	8.7	7.3	6.2	5.2	4.5	2.7	15.5	100.0
WI	0.8	5.2	4.5	28.1	11.2	9.1	8.3	7.6	5.3	4.4	4.3	2.7	8.5	100.0
2007														
ID ²	1.9	6.5	3.8	22.8	10.0	9.1	7.2	6.2	5.9	5.3	4.1	2.9	14.3	100.0
MN	1.3	5.2	4.9	22.3	11.0	10.8	7.9	7.1	6.1	5.9	3.4	3.4	10.7	100.0
ND	0.8	6.5	3.5	25.8	11.8	10.2	9.4	8.1	5.9	5.1	3.5	2.2	7.2	100.0
OR	1.3	4.2	3.3	21.5	9.3	8.5	8.6	6.7	6.3	5.6	5.1	3.6	16.0	100.0
WA	0.9	3.8	2.9	22.0	9.5	9.1	8.2	7.5	6.6	5.8	4.7	3.8	15.2	100.0
WI	0.3	4.4	3.6	23.7	10.3	8.3	9.3	8.2	5.4	5.0	3.3	3.2	15.0	100.0

¹ Gross yield basis.

² Russets only.

**Fall Potatoes: Farm Marketings, Selected States and United States,
2004-2006 Marketing Years**

State	Marketing Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
CA	2004				8	9	21	13	8	14	12	7	8	
	2005				4	14	22	10	11	12	12	8	7	
	2006				9	15	11	15	10	11	12	9	5	3
CO	2004			5	7	9	10	10	8	12	10	11	11	7
	2005			5	8	10	10	10	8	11	10	12	10	6
	2006			6	7	9	9	10	9	10	11	11	11	7
ID	2004		6	9	10	11	7	6	6	9	10	9	10	7
	2005		2	11	13	8	7	8	7	11	10	10	6	7
	2006		3	11	12	8	7	8	8	10	10	9	7	7
ME	2004		1	9	6	7	10	10	10	11	15	10	7	4
	2005			5	11	8	9	10	9	12	15	10	6	5
	2006			8	7	8	9	9	8	13	13	12	7	6
MI	2004	1	10	11	11	12	12	11	8	10	9	5		
	2005	1	8	11	13	12	12	12	10	10	8	3		
	2006	1	9	12	13	12	12	12	7	11	7	4		
MN	2004		9	8	8	6	6	7	8	13	7	9	10	9
	2005		7	6	4	7	15	12	12	14	9	3	6	5
	2006	5	8	7	7	7	7	8	9	11	10	10	11	
NY	2004		4	16	19	16	13	10	9	8	5			
	2005		2	14	14	12	13	10	12	14	7	2		
	2006		4	15	14	12	14	16	7	10	4	4		
ND	2004		1	20	9	6	6	8	7	11	11	7	8	6
	2005		2	25	13	5	9	9	9	8	10	7	2	1
	2006		3	27	11	6	6	11	5	7	10	9	4	1
OR	2004		12	11	16	8	6	4	9	10	9	8	4	3
	2005		17	10	13	5	7	5	8	9	10	8	4	4
	2006		12	10	13	5	7	7	7	10	10	8	7	4
PA ¹	2004	1	18	16	15	8	15	8	6	5	6	2		
	2005													
	2006													
WA	2004		18	14	21	6	5	5	7	6	6	6	5	1
	2005		14	13	23	7	6	4	6	7	7	7	5	1
	2006		15	11	25	7	6	5	7	6	6	6	5	1
WI	2004		6	14	12	12	9	9	9	11	10	6	2	
	2005	1	6	16	11	10	10	9	9	10	8	8	2	
	2006	1	6	15	10	10	10	9	9	11	10	6	3	
US	2004		9	11	13	9	7	7	7	9	9	8	7	4
	2005		7	12	14	8	8	7	8	10	9	8	5	4
	2006		7	12	14	8	7	8	8	9	9	8	6	4

¹ Farm Marketing estimates discontinued in 2005.

December Potato Stocks Up 4 Percent from Last Year

The 13 major potato States held 270 million cwt of potatoes in storage December 1, 2007, up 4 percent from last year and 6 percent above December 1, 2005. Potatoes in storage account for 68 percent of the 2007 fall storage States' production, up 1 percentage point from last year. Klamath Basin stocks total 4.20 million cwt on December 1, 2007, up 5 percent from last year. Klamath Basin includes California and Klamath County, Oregon potato stocks.

Disappearance of 130 million cwt from the start of harvest to December 1, is virtually unchanged from last year but up 8 percent from 2005. Shrink and loss, at 13.9 million cwt, is up 5 percent from the previous year and 9 percent above the same date in 2005.

Processors have used 72.0 million cwt of 2007 crop potatoes so far this season, down 3 percent from a year ago but 10 percent above 2 years ago. Idaho and Malheur County, Oregon total processing decreased 3 percent from a year ago, Maine's total processing was 3 percent below the same date in 2006, and Washington and the rest of Oregon total processing was down 6 percent from last season. Dehydrating usage accounts for 12.7 million cwt of the total processing, down 13 percent from last year but 7 percent above the same date in 2005.

Western States held 193 million cwt of potatoes in storage on December 1, up 9 percent from last year and 8 percent above 2005. Idaho's potato stocks are up 4 percent from last year, Washington's potato sheds held 22 percent more than last year, and Oregon's stocks increased 13 percent from last season. Montana's potato sheds held 9 percent more stocks than last year and California's potato stocks increased 11 percent from last season. Colorado's potato stocks declined 12 percent from last year.

Central States accounted for 61.7 million cwt of potato stocks on December 1, down 4 percent from last year but 3 percent above the same date in 2005. Wisconsin's potato stocks declined 5 percent from last year, North Dakota's sheds held 16 percent less, and potato stocks in Nebraska are 10 percent below last season. Minnesota's potato stocks are up 2 percent from last year and Michigan's potato sheds held 17 percent more than on the same date in 2006.

Eastern States stored 15.5 million cwt of potatoes on December 1, down 11 percent from last year but up 1 percent from December 1, 2005. Maine's potato sheds held 12 percent less than last year, while New York's potato stocks declined 7 percent from a year ago.

Fall Potato Production Up Less than 1 Percent from November

Production of fall potatoes for 2007 is forecast at 409 million cwt, up less than 1 percent from last month and 3 percent above last year. Area harvested, at 997,600 acres, is virtually unchanged from November but up 1 percent from last year. The average yield is forecast at 410 cwt per acre, up 1 cwt from last month and 4 cwt above the record high set last year.

Western States production is forecast at 288 million cwt, up 6 percent from last year. Area harvested, at 642,000 acres, increased 4 percent from last year, and the average yield of 449 cwt per acre is up 6 cwt from 2006. Idaho's yield is forecast at 377 cwt per acre. If realized this would be the second highest yield on record, 9 cwt below the record yield set in 2006. Hot weather during the summer reduced the quality of the crop. Incidences of the Potato Virus Y were more frequent than normal which adversely affected yields. In Washington, harvest progressed normally this year. The quality of the crop is acceptable but not as good as in previous years. In Colorado, a severe wind storm followed by a late freeze in mid-June damaged plants that were already emerged. The earlier planted crop was slow to recover from the damage, leading to increased yield variability. Oregon's crop progressed at a normal pace with no major problems reported. In California, favorable weather conditions resulted in excellent crop quality and yields.

Central States production is forecast at 96.0 million cwt, down 3 percent from last year. Harvested area, at 267,000 acres, is down 4 percent, while the average yield, at 359 cwt per acre, is up 2 cwt from a year ago. Overall, the Wisconsin crop progressed ahead of normal. Growers reported a good quality crop with harvest completed on time or early. In North Dakota, crop condition was rated fair to good throughout the growing season. Michigan and Minnesota's yields are forecast at 350 and 440 cwt per acre, respectively. If realized, these would be record high yields.

Eastern States production is forecast at 24.9 million cwt, down 9 percent from last year. Area for harvest totaled 88,600 acres, 3 percent below last year, while the average yield, at 281 cwt per acre, is down 18 cwt from last season. In Maine, excellent growing and harvesting conditions resulted in a high yielding, high quality crop. In Massachusetts and Rhode Island, above average temperatures and below average precipitation forced growers in many locations to irrigate. New York planted acreage is at the lowest level since estimates began in 1929.

Reliability of December 1 Stocks Estimates

To assist users in evaluating the reliability of the December 1 stocks estimate, the “Root Mean Square Error,” a statistical measure based on past performance, is computed. The deviation between the December 1 stocks estimate 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 estimate relative to the final end-of-season estimate, assuming that factors affecting this year’s estimate are not different from those influencing recent years.

The “Root Mean Square Error” for the December 1 stocks estimate is 2.4 percent. This means that chances are 2 out of 3 that the current estimate of 270 million cwt will not be above or below the final estimate by more than 2.4 percent or approximately 6.48 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.1 percent or approximately 11.1 million cwt.

The 20-year (1987-2006) record of differences between the December 1 stocks estimates and the final estimates averaged 4.20 million cwt, ranging from 7.77 million cwt above the final to 14.5 million cwt below the final. During the 20-year period, the December 1 estimate has been below the final estimate 16 years and above 4 years.

Reliability of December 1 Fall Potato Estimates

Estimate	Root Mean Square Error		20-Year Record of Difference Between December 1 and Final Estimate					
	Percent	90% Confidence Level		Quantity			Number of Years	
		Percent	Quantity	Avg	Small	Large	Below Final	Above Final
			<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>		
Stocks	2.4	4.1	11.07	4.20	0.11	14.50	16	4
Production	1.5	2.7	11.05	4.38	0.05	13.46	15	5

Fall Potato Stocks: Preliminary and Final December 1 Stocks, United States, 1997-2007

Crop Year	Preliminary Stocks	% of Final	Final Stocks
	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>
1997	274,250	98.4	278,830
1998	281,020	100.0	280,910
1999	274,870	99.9	275,100
2000	309,520	99.7	310,300
2001	266,520	103.0	258,750
2002	265,190	100.3	264,485
2003	267,160	99.7	267,900
2004	271,600	100.2	271,100
2005	253,400	99.8	253,800
2006	252,300	97.3	259,300
2007	270,000		

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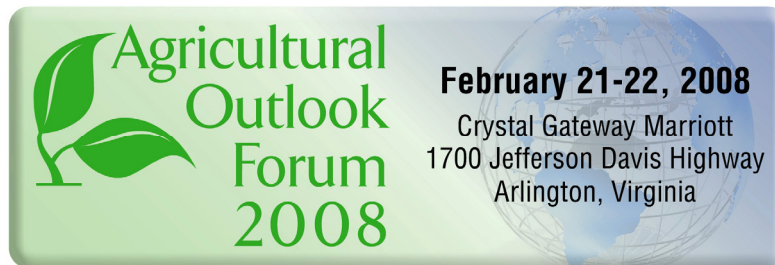
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