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Feed Outlook

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Corn Exports Lowered

Projected corn exports in 2004/05 were lowered 50 million bushels this month to 1,850 million, down from 1,897 million last year. Imports are also expected to be down 5 million bushels from last month, resulting in increased ending stocks of 45 million bushels. Projected corn prices were raised because prices received by farmers have been above reported elevator prices, suggesting larger-than-expected forward contracting when prices were higher. Due to a slower-than-expected pace of barley imports, projected imports were lowered 5 million bushels this month, resulting in a corresponding decrease in stocks. Projected oat prices are \$1.40 to \$1.50 per bushel, 5 cents higher than last month due to stronger-than-expected prices to date.

The U.S. 2004/05 October-September corn exports projection is 46.5 million tons, down 1.5 million this month. The U.S. export forecast is down because of reduced import demand and increased exports by competitors, especially Argentina. Also the early season pace of U.S. sales and shipments have not met earlier expectations.

World coarse grains production in 2004/05 is forecast at a record 1.004 billion tons, up 7 million this month. The 92-million-ton, year-to-year increase is the largest since 1996/97. The year-to-year increase in global average yield of 0.33 tons per hectare is second only to the increase in 1984/85. The three largest coarse grain producers, the United States, the EU-25, and China, each had substantial increases in production in 2004/05.

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Domestic Outlook

Feed Grains Ending Stocks Rise

Forecast feed grain imports in 2004/05 were lowered this month to reflect the slow pace of corn and barley imports. Feed grain imports are expected to total 2 million metric tons, down 0.3 million from last month and down from 2.4 million in 2003/04. Feed grain supplies for 2004/05 are still a record but down slightly from last month.

In 2004/05, feed grain exports are forecast at 51.8 million metric tons, down from 53.1 million last month and down from 53.7 million in 2003/04. All of the change was from corn trade because of increased competition from other exporters. As a result of the decline in exports, ending stocks are up 1.1 million metric tons to 57.1 million and up from 28.7 million in 2003/04.

Corn Ending Stocks Up 45 Million Bushels

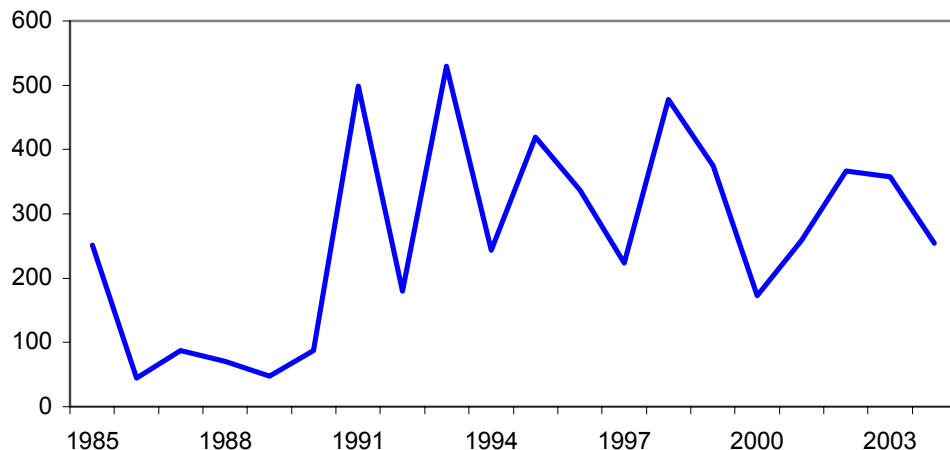
Corn supplies were lowered 5 million bushels this month because of a reduction in imports. Corn imports in 2004/05 are expected to total 10 million bushels, down from 15 million last month and down from 14 million reported in 2003/04.

Total use of corn was lowered even more than corn supplies were lowered. Domestic use was unchanged but exports were lowered to reflect increased competition from Argentina and South Africa. Corn exports for 2004/05 are forecast at 1,850 million bushels, down from 1,900 million last month and down from 1,897 million recorded in 2003/04. The change in use resulted in an increase in expected ending stocks of 45 million bushels.

Figure 1

U.S. corn imports

Thousand tons



Source: Foreign Agricultural Service, USDA.

Figure 2
U.S. corn exports

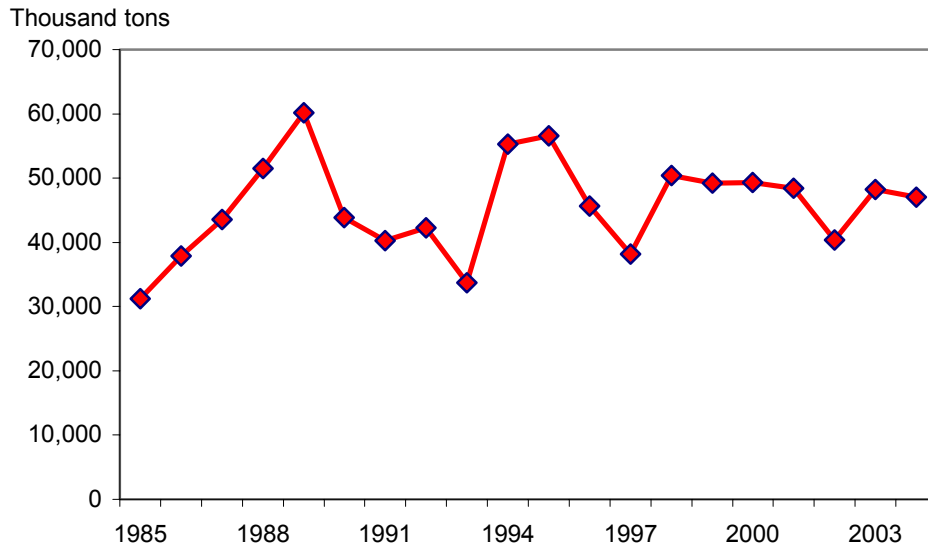
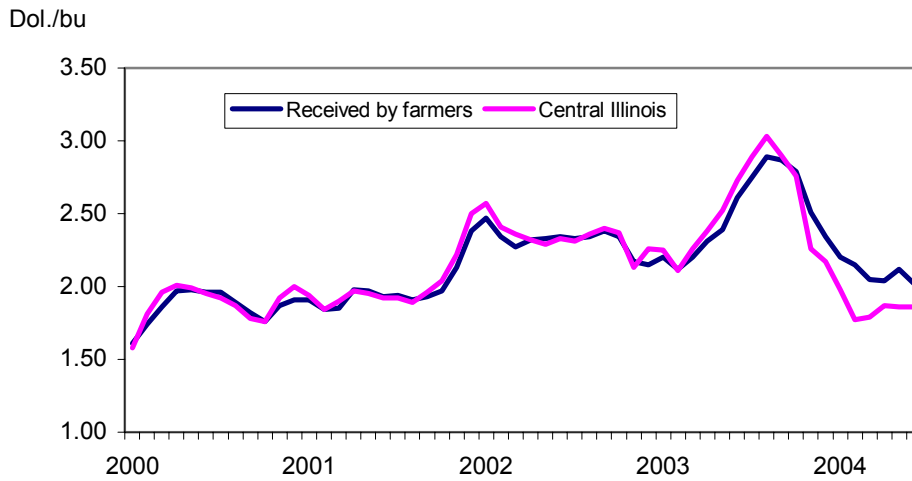


Figure 3
U.S. corn prices received by farmers lag cash price movements



Corn Prices Up From Last Month

Forecast corn prices received by farmers were increased 10 cents on each end this month to \$1.95 to \$2.15 per bushel, up from \$1.85 to \$2.05 per bushel last month. Corn prices received by farmers starting in May 2004 have been above Central Illinois prices reported by Agricultural Marketing Service, where previously these prices were about the same. Using average corn marketing weights for the last 5 years and farm prices reported by National Agricultural Statistics Service indicate that the weighted average price through January is \$2.11 per bushel, assuming 60 percent of the crop has been marketed. This suggests that farmers have forward contracted their corn when prices were much higher. The result is that even though ending corn stocks are expected to be higher, prices were also raised to reflect the stronger prices received by farmers.

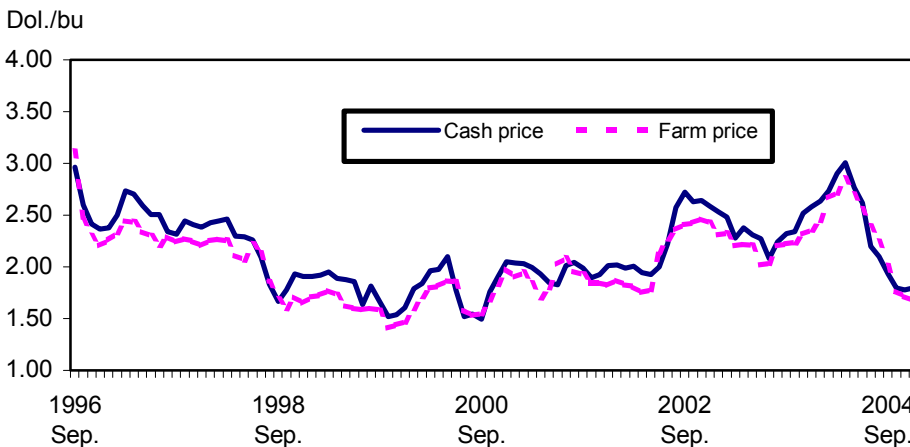
Barley Imports Lowered and Oats Prices Increased

The pace of barley imports has been less than expected, suggesting imports will not be as strong as forecast last month. The U.S. imports of barley generally originate in Canada. With increased numbers of cattle going on feed in Canada, they may have less feed barley to export. In addition, unfavorable growing weather in Canada reduced their malting barley crop, thus limiting supplies of malting barley for export. U.S. barley imports in 2004/05 were reduced 5 million bushels to 15 million, down from 21 million in 2003/04. The resulting reduction in supply with no change in use lowered ending stocks to 120 million bushels, unchanged from last year.

Reflecting the stronger oats prices thus far in 2004/05, the price received by farmers for oats was raised 5 cents on the high and low end to \$1.40-\$1.50 per bushel, compared with \$1.48 per bushel last year. No changes were made in sorghum supplies, use, or prices this month.

Figure 4

U.S. sorghum: Kansas City cash and average farm price, September 1996 to December 2004



Source: Agricultural Marketing Service and National Agricultural Statistics Service, USDA.

Increased Foreign Production and Exports, Reduced Imports, Drop U.S. Corn Export Prospects

The U.S. 2004/05 corn exports projection is 46.5 million tons, down 1.5 million this month (1.85 billion bushels for the September-August marketing year, down 50 million bushels). The U.S. export forecast is down because of reduced import demand and increased exports by competitors, especially Argentina. Also the early-season pace of U.S. sales and shipments has not met earlier expectations.

According to Census export data, corn shipments for October 2004 through January 2005 are down 0.7 million tons. Export inspections data indicate that shipments in February 2005 lagged a year earlier by 0.9 million tons. Moreover, outstanding export sales reported on March 3 were down 1.6 million tons compared with a year ago. The trade-year forecast is only 2.1 million tons less than 2003/04's 48.6 million tons, so sales and shipments for the remainder of the trade year are forecast to exceed the year-ago pace.

Projected world 2004/05 corn trade was reduced 0.9 million tons this month to 73.9 million tons, 5 million tons less than the previous year. Due to slow purchases, import projections were reduced this month for Turkey, down 0.4 million; Mexico, down 0.3 million; the United States, down 0.2 million; China, and Colombia, each down 0.1 million. A small increase in Malaysia's corn imports was partly offsetting as their poultry sector has recovered from avian influenza problems more quickly than expected.

Increased corn export competition was also forecast this month. Argentina's October-September 2004/05 exports are projected to reach a record 13.5 million tons, up 1.0 million, due to increased production estimated for 2003/04 and forecast for 2004/05. South Africa's 2004/05 exports are projected up 0.5 million tons to 1.5 million, also because of increased production prospects. Thai corn exports are up 0.25 million this month to 0.7 million as export shipments have been brisk because domestic demand has dropped due to avian influenza. These increases are partly offset by a 1-million-ton cut in Brazil's projected corn exports as drought in the southern part of the country has reduced corn production.

Foreign Coarse Grain Production Up, Global Total Exceeds 1 Billion Tons

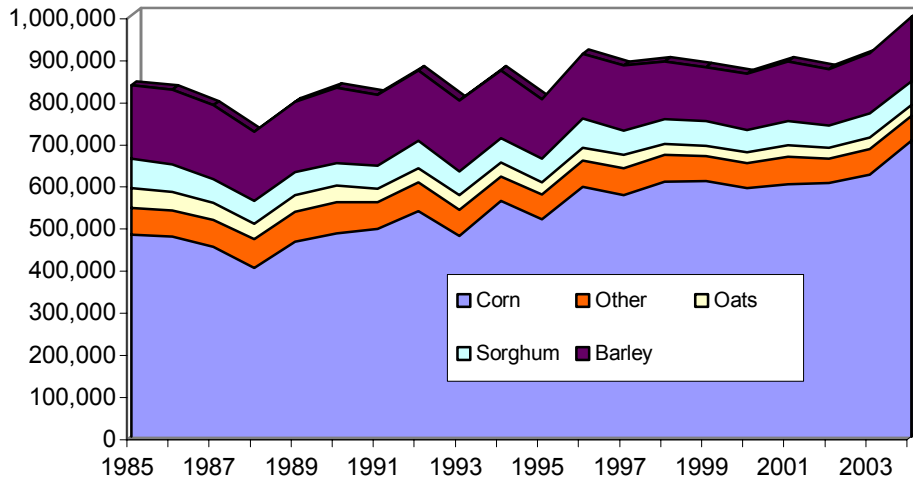
World coarse grains production in 2004/05 is forecast at a record 1,004 million tons, up 7 million this month. The 92-million ton, year-to-year increase is the largest since 1996/97. The year-to-year increase in global average yield of 0.33 tons per hectare is second only to the increase in 1984/85. The three largest coarse grain producers, the United States, the EU-25, and China, each had substantial increases in production in 2004/05.

The largest increase in projected 2004/05 coarse grains production this month is for India, up 2.1 million tons to 32.0 million, based on Government of India estimates. Millet (up 1.4 million tons) and sorghum (up 1.0 million) production were reported much larger than expected. Along with a small increase in estimated barley production, these increases swamped a 0.4-million-ton reduction in corn production.

Figure 5

World coarse grain production

Thousand tons



Source: Foreign Agricultural Service, USDA.

Argentina's coarse grain production forecast also increased 2.1 million tons this month. Favorable growing conditions are producing record corn yields, and record production of 19.5 million tons, up 2.0 million this month. Sorghum production prospects also increased.

China's coarse grains production forecast for 2004/05 increased 1.7 million tons this month, as a 2-million-ton increase in corn was partly offset by reductions for barley and sorghum. The increase in corn production to 128 million tons was based on total grains production announced by the Government of China, detailed crop production estimates of summer crops (mostly wheat), and a reasonable breakout of fall-harvested crops.

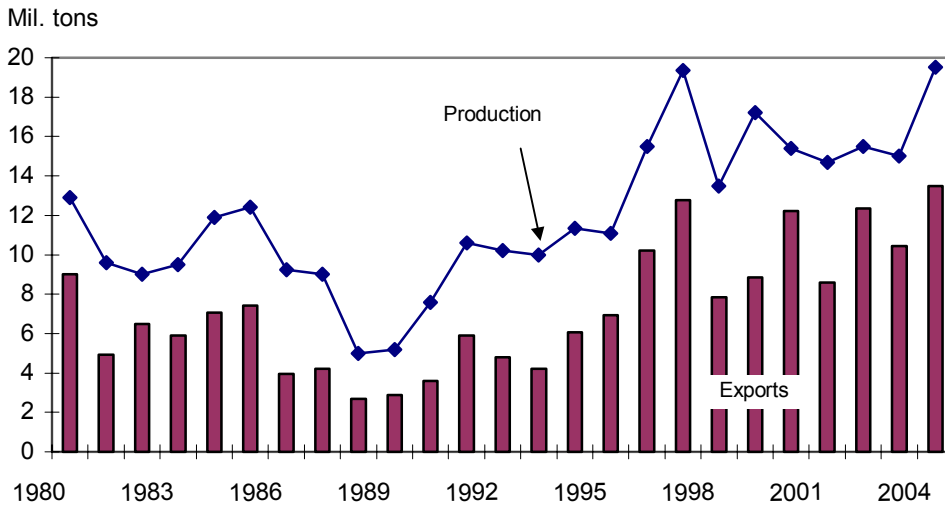
South Africa's coarse grain production projection increased 1.4 million tons this month mostly due to a 1.3-million-ton increase in forecast corn production to 11.0 million tons. Timely rains have resulted in excellent growing conditions for corn and sorghum. Mexico's expected 2004/05 coarse grains production increased 1.1 million tons this month, also mostly because of good growing conditions boosting corn yields, with a small increase in sorghum.

In contrast to the aforementioned countries, Brazil's projected corn production was reduced 2.0 million tons this month to 39.5 million. Drought in southern Brazil hurt the late filling stage for the main, summer-season corn crop, and has delayed the planting of second-crop corn.

While forecast global coarse grains production increased 7 million tons this month, projected use increased nearly 3 million tons due mostly to increased food and industrial use for India, Brazil, and Argentina. Expected world feed use of coarse grains in 2004/05 declined slightly this month mostly because of a reduction for Brazil. Global coarse grains ending stocks for 2004/05 are up nearly 5 million tons this month to 165 million, up 32 million from estimated beginning stocks and nearly the same level as ending stocks in 2002/03.

Figure 6

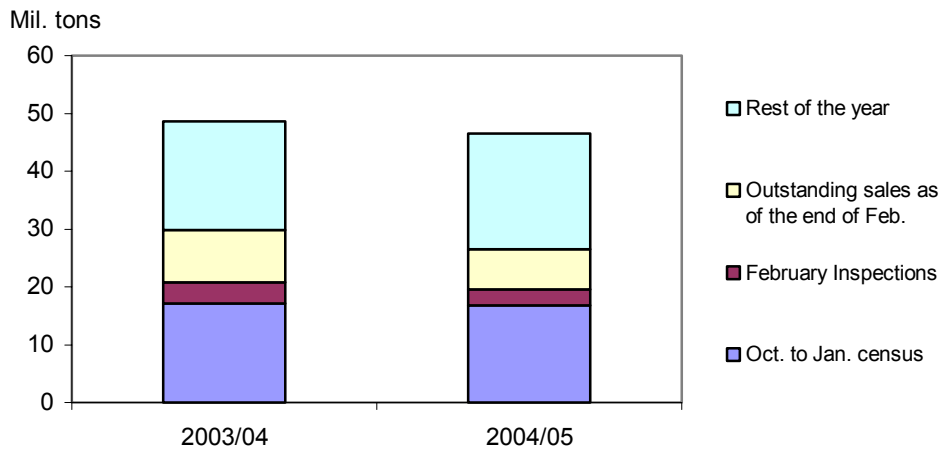
Argentine corn production and exports



Source: Foreign Agricultural Service, USDA.

Figure 7

U.S. corn exports slip below last year



Source: Economic Research Service, USDA.

Contacts and Links

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Data

The Feed Grains Data Delivery System (<http://www.ers.usda.gov/db/feedgrains/>) is a queryable database that contains monthly, quarterly, and annual data on prices, supply, and use of corn and other feed grains. This includes data published in the monthly *Feed Outlook* and the annual *Feed Yearbook* reports.

Recent Reports

Black Sea Grain Exports: Will They Be Moderate or Large? This report examines the prospects for grain exports by the transition economies of Central and Eastern Europe (CEE) and the Newly Independent States (NIS) that export through the Black Sea, the largest being Russia and Ukraine. This report is available at: <http://www.ers.usda.gov/publications/WRS04/OCT04/WRS040502/>

Forecasting Feed Grain Prices in a Changing Environment. Structural change has been occurring throughout the feed grains sector and has affected commodity markets and price forecasting relationships. This report includes tests for structural change and season average farm level price forecasting models for corn, sorghum, barley, and oats. This report is available at: <http://www.ers.usda.gov/publications/FDS/jul04/fds04F01/>

Related Websites

WASDE (<http://www.usda.gov/oce/waob/wasde/latest.pdf>)
Grain Circular (<http://www.fas.usda.gov/grain/circular/2005/03-05/graintoc.htm>)
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Table 1--Feed grains: Marketing year supply and disappearance 1/

Year/ Qtr.	Beg. stocks	Produc- tion	Im- ports	Supply	FSI	Feed & resid.	Ex- ports	Total disp.	End. stocks	Farm price
Corn:										
----Million bushels----										
2001/02										
Sep-Nov	1,899	9,503	2	11,404	492	2,199	448	3,139	8,265	1.86
Dec-Feb	8,265	---	2	8,266	482	1,540	448	2,471	5,795	1.96
Mar-May	5,795	---	4	5,799	539	1,166	497	2,203	3,597	1.93
June-Aug	3,597	---	2	3,599	532	958	512	2,002	1,596	2.16
Mkt. yr.	1,899	9,503	10	11,412	2,046	5,864	1,905	9,815	1,596	1.97
2002/03										
Sep-Nov	1,596	8,967	3	10,567	549	1,986	393	2,929	7,638	2.34
Dec-Feb	7,638	---	4	7,642	563	1,557	390	2,510	5,132	2.33
Mar-May	5,132	---	5	5,137	617	1,141	393	2,152	2,985	2.35
June-Aug	2,985	---	2	2,987	611	879	411	1,900	1,087	2.21
Mkt. yr.	1,596	8,967	14	10,578	2,340	5,563	1,588	9,491	1,087	2.32
2003/04										
Sep-Nov	1,087	10,089	2	11,178	589	2,166	470	3,225	7,954	2.16
Dec-Feb	7,954	---	4	7,957	609	1,578	499	2,686	5,271	2.42
Mar-May	5,271	---	5	5,277	676	1,161	469	2,306	2,970	2.82
June-Aug	2,970	---	3	2,973	664	892	459	2,015	958	2.55
Mkt. yr.	1,087	10,089	14	11,190	2,537	5,798	1,897	10,232	958	2.42
2004/05										
Sep-Nov	958	11,807	2	12,767	639	2,182	497	3,318	9,449	2.13
Mkt. yr.	958	11,807	10	12,775	2,795	6,075	1,850	10,720	2,055	1.95-2.15
Sorghum:										
2001/02										
Sep-Nov	42	514	0	556	6	173	63	242	314	1.86
Dec-Feb	314	---	0	314	6	36	78	120	194	1.84
Mar-May	194	---	0	194	6	29	53	89	105	1.78
June-Aug	105	---	0	105	5	-8	47	45	61	2.25
Mkt. yr.	42	514	0	556	23	230	242	495	61	1.94
2002/03										
Sep-Nov	61	361	0	422	5	134	51	190	232	2.43
Dec-Feb	232	---	0	232	5	18	46	69	163	2.38
Mar-May	163	---	0	163	8	33	40	81	82	2.21
June-Aug	82	---	0	82	6	-14	48	39	43	2.13
Mkt. yr.	61	361	0	422	24	170	184	379	43	2.32
2003/04										
Sep-Nov	43	411	0	454	9	149	61	218	236	2.27
Dec-Feb	236	---	0	236	10	10	57	77	159	2.43
Mar-May	159	---	0	159	11	21	47	78	81	2.75
June-Aug	81	---	0	81	10	1	36	47	34	2.39
Mkt. yr.	43	411	0	454	40	180	201	421	34	2.39
2004/05										
Sep-Nov	34	455	0	488	17	146	44	207	282	1.80
Mkt. yr.	34	455	0	488	50	205	175	430	58	1.60-1.80

continued--

Table 1--Feed grains: Marketing year supply and disappearance (cont.) 1/

Year/ Qtr.	Beg. stocks	Produc- tion	Im- ports	Supply	FSI	Feed & resid.	Ex- ports	Total disp.	End. stocks	Farm price
Barley:										
-----Million bushels----										
2002/03										
June-Aug	92	227	9	328	40	58	7	104	224	2.48
Sep-Nov	224	---	3	227	35	16	7	57	170	2.68
Dec-Feb	170	---	5	175	34	9	8	51	123	2.88
Mar-May	123	---	2	125	46	1	9	56	69	2.85
Mkt. yr.	92	227	18	337	154	84	30	268	69	2.72
2003/04										
June-Aug	69	278	3	351	40	66	3	109	242	2.89
Sep-Nov	242	---	4	246	35	4	9	48	198	2.83
Dec-Feb	198	---	5	203	36	8	6	50	153	2.81
Mar-May	153	---	8	161	35	6	0	41	120	2.77
Mkt. yr.	69	278	21	368	146	84	19	248	120	2.83
2004/05										
June-Aug	120	279	5	405	40	73	1	114	290	2.71
Sep-Nov	290	---	4	294	35	7	6	48	246	2.41
Mkt. yr.	120	279	15	415	150	130	15	295	120	2.45-2.55
Oats:										
2002/03										
June-Aug	63	116	14	193	17	63	0	81	112	1.70
Sep-Nov	112	---	41	152	17	31	1	48	104	1.82
Dec-Feb	104	---	23	127	15	28	1	44	83	2.05
Mar-May	83	---	18	101	23	28	0	51	50	2.01
Mkt. yr.	63	116	95	274	72	150	2.6	224	50	1.81
2003/04										
June-Aug	50	144	21	215	16	68	0.5	84	132	1.44
Sep-Nov	132	---	28	160	17	23	0.9	41	119	1.39
Dec-Feb	119	---	21	140	16	29	0.7	45	95	1.54
Mar-May	95	---	20	115	25	25	0.3	50	65	1.64
Mkt. yr.	50	144	90	285	73	144	2.5	220	65	1.48
2004/05										
June-Aug	65	116	16	197	16	65	0.5	81	116	1.37
Sep-Nov	116	---	26	142	17	19	0.8	37	105	1.45
Mkt. yr.	65	116	85	266	74	135	3.0	212	54	1.40-1.50

Totals may not add due to rounding.

1/ Corn and sorghum are on a September 1 to August 31 marketing year.

Barley and oats are on a June 1 to May 31 marketing year.

Source: Economic Research Service, U.S. Department of Agriculture.

Table 2--Feed and residual use of wheat and coarse grains

Year beginning Sept. 1	Corn	Sorg.	Barley	Oats	Feed grains	Wheat	Total grains	Animal units	Feed/ animal unit
----- Million metric tons -----								Mil.	Tons
2002/03									
Sep-Nov	50.5	3.4	0.3	0.6	54.8	-2.0	52.7		
Dec-Feb	39.5	0.5	0.2	0.5	40.7	0.4	41.1		
Mar-May	29.0	0.8	0.0	0.4	30.3	-0.2	30.1		
June-Aug	22.3	-0.4	1.4	1.0	24.4	8.6	33.0		
Mkt. yr.	141.3	4.3	2.0	2.5	150.1	6.7	156.8	88.3	1.78
2003/04									
Sep-Nov	55.0	3.8	0.1	0.4	59.3	-1.7	57.6		
Dec-Feb	40.1	0.2	0.2	0.5	41.0	0.1	41.1		
Mar-May	29.5	0.5	0.1	0.4	30.6	-1.4	29.2		
June-Aug	22.7	0.0	1.6	1.0	25.3	7.3	32.5		
Mkt. yr.	147.3	4.6	2.0	2.3	156.1	4.3	160.4	89.5	1.79
2004/05									
Sep-Nov	55.4	3.7	0.1	0.3	59.5	-1.7	57.9		
Mkt. yr.	154.3	5.2	2.5	2.2	164.2	5.0	169.2	90.4	1.87

Source: USDA, Economic Research Service.

Table 3--Cash feed grain prices

	Corn, No. 2, Yel, Ct. IL 1/	Corn, No. 2, Yel, Gulf ports 1/	Sorghum, No. 2, Yel, Texas High Plains 1/	Sorghum, No. 2, Yel, Gulf ports 1/	Barley, No. 2, feed, Duluth 2/	Barley, No. 3 or better, Malting, Minn. 2/	Oats, No. 2, Heavy white, Minn. 2/
Mkt. yr.	\$/bu	\$/bu	\$/cwt	\$/cwt	\$/bu	\$/bu	\$/bu
2001/02	1.92	2.28	3.90	4.23	1.52	2.44	NQ
2002/03 3/	2.35	2.72	NQ	NQ	1.89	3.48	NQ
2003/04 3/	2.60	3.03	NQ	NQ	1.83	2.85	NQ
Monthly:							
2003/04:							
Oct.	2.11	2.65	NQ	NQ	1.80	2.60	NQ
Nov.	2.26	2.75	NQ	NQ	1.80	2.63	NQ
Dec.	2.38	2.84	NQ	NQ	1.80	2.65	NQ
Jan.	2.52	2.95	4.90	5.55	1.80	2.65	NQ
2004/05:							
Oct.	1.77	2.48	3.84	4.24	2.29	1.61	NQ
Nov.	1.79	2.38	3.83	4.18	1.63	2.41	NQ
Dec.	1.87	2.43	3.92	4.14	NQ	NQ	NQ
Jan. 3/	1.86	2.44	3.86	4.09	NQ	NQ	NQ

1/ Marketing year beginning September 1.

2/ Marketing year beginning June 1. 3/ Preliminary. NQ = No quote.

Source: U.S. Department of Agriculture, Agricultural Marketing Service.

Table 4--Selected feed and feed byproduct prices

	Soybean meal high protein Decatur, IL 1/	Cotton- seed meal, 41% slv. Memphis 1/	Corn gluten feed, IL pts. 1/	Corn gluten meal, IL pts. 1/	Meat & bone meal, Central U.S. 1/	Dists. ¹ dried grains, Lawrence- burg, IN 1/	Wheat midlgs, Kansas City 1/	Alfalfa farm price 2/
	\$/ton							
Mkt. yr.								
2001/02	165.53	134.06	59.71	242.86	167.55	78.48	59.31	104.00
2002/03 3/	178.87	147.23	65.27	241.65	170.81	74.94	64.02	100.00
2003/04 3/	260.06	182.87	83.24	326.83	216.39	115.90	75.78	100.00
Monthly:								
2003/04:								
Oct.	225.20	163.50	76.90	239.48	222.00	91.00	71.30	89.10
Nov.	242.00	185.00	100.00	321.88	263.70	105.00	86.50	86.80
Dec.	231.54	NQ	109.50	337.50	257.24	128.00	90.26	87.00
Jan.	252.15	188.00	101.63	360.63	118.33	125.00	90.58	84.80
2004/05:								
Oct.	154.25	126.75	54.75	241.25	126.31	88.00	44.88	97.80
Nov.	NQ	119.00	48.90	238.00	142.12	78.00	41.60	94.00
Dec.	NQ	117.00	53.25	253.63	162.99	71.00	46.75	92.40
Jan. 3/	166.15	112.50	53.63	260.00	142.23	71.00	46.38	90.90

1/ Marketing year beginning September 1. 2/ Marketing year beginning May 1. 3/ Preliminary. NQ=No quote.

Sources: U.S. Department of Agriculture, Agricultural Marketing Service and National Agricultural Statistics Service.

Table 5--Corn: Food and industrial uses

Year	HFCS	Glucose and dex.	Starch	---Alcohol---		Cereals & other products	Total food & industrial
				Fuel	Bev. & Mfg.		
Million bushels							
2002/03							
Sep-Nov	126.6	54.5	63.5	225.9	32.0	46.5	549.0
Dec-Feb	121.1	49.9	63.0	249.3	33.6	46.5	563.3
Mar-May	139.7	56.0	64.1	256.5	35.1	47.0	598.4
June-Aug	144.4	59.0	65.0	263.8	30.3	47.0	609.5
Mkt. year	531.8	219.3	255.7	995.5	131.0	186.9	2,320.2
2003/04							
Sep-Nov	126.3	57.0	64.4	262.5	32.3	46.6	589.0
Dec-Feb	120.4	51.5	65.9	290.3	33.8	46.6	608.6
Mar-May	140.1	58.8	70.0	304.6	35.4	47.1	656.0
June-Aug	143.3	60.8	71.3	310.1	30.5	47.1	663.1
Mkt. year	530.1	228.1	271.5	1,167.5	132.0	187.4	2,516.7
2004/05							
Sep-Nov	123.8	56.8	70.8	308.1	32.5	47.0	639.1
Mkt. year	529.0	219.0	280.0	1,425.0	133.0	189.0	2,775.0

Source: U.S. Department of Agriculture, Economic Research Service.

Table 6--Wholesale corn milling product and byproduct prices

	Corn meal, yellow, New York	Brewers' grits, Chicago	Sugar, dextrose, Midwest	HFCS, 42% tank cars, Midwest	Corn starch, fob Midwest 3/
	\$/cwt	\$/cwt	cents/lb	cents/lb	\$/cwt
Mkt. yr. 1/					
2001/02	15.74	11.75	18.61	10.58	12.46
2002/03	16.45	12.86	20.36	11.65	13.21
2003/04 2/	17.11	13.08	21.81	12.48	13.03
Monthly					
2003/04:					
Nov.	16.64	12.54	21.98	11.81	12.16
Dec.	16.81	12.71	21.98	12.75	12.34
Jan.	17.29	13.19	21.98	12.74	12.31
Feb.	17.64	13.54	21.98	12.75	12.67
2004/05:					
Nov.	15.98	12.33	22.82	12.75	11.77
Dec.	15.75	11.65	23.10	13.05	11.83
Jan.	15.61	11.50	23.10	13.50	11.89
Feb. 2/	15.67	11.57	23.10	13.50	11.89

1/ Marketing year beginning September 1. 2/ Preliminary. 3/ Bulk-industrial, unmodified.

Source: *Milling and Baking News*.

Table 7--U.S. feed grains imports by country of origin

Country/region	-----2002/2003-----		-----2003/2004-----		2004/2005
	Mkt. yr.	June-Jan.	Mkt. yr.	June-Jan.	June-Jan.
Oats:			Thousand tons		
Canada	843	631	1,206	869	795
Finland	360	272	185	136	69
Sweden	381	307	167	95	150
Total 1/	1,640	1,230	1,559	1,100	1,014
Barley, malting:					
Canada	317	290	321	164	161
Total 1/	360	315	400	216	182
Barley, other: 2/					
Canada	42	21.8	50	15	33
Total 1/	42	21.8	50	15	33

1/ Totals may not add due to rounding. 2/ Mainly consists of barley for feeding and also includes seed barley.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 8--U.S. feed grain exports by selected destinations 1/

Country/region	-----2002/03-----		-----2003/04-----		2004/2005
	Mkt. yr.	Sept.-Jan.	Mkt. yr.	Sept.-Jan.	Sept.-Jan.
1,000 metric tons					
Corn:					
Japan	14,383	6,138	14,611	6,127	6,641
Mexico	5,288	2,588	5,686	3,069	2,972
Taiwan	4,053	1,718	4,733	2,047	1,917
Egypt	2,686	942	3,220	1,600	1,640
S. Korea	273	81	3,666	440	1,025
Canada	3,946	1,791	2,014	1,145	1,183
Colombia	1,599	776	1,766	835	803
Venezuela	609	262	653	235	135
Algeria	898	542	1,270	637	507
Saudi Arabia	131	96	476	195	87
Dominican Republic	937	385	809	362	367
Israel	268	37	1,176	615	210
Syria	517	181	780	348	493
Turkey	981	-	654	14	1
Morocco	78	-	713	344	382
Costa Rica	529	230	565	192	241
Tunisia	123	41	618	293	124
Peru	42	27	148	47	147
Iran	--	-	64	64	-
Sub-Saharan Africa	347	222	233	84	73
Former USSR	--	-	60	12	10
Chile	--	0	20	19	0
EU-25	68	42	154	109	39
East Europe	--	-	--	-	-
China	--	0	1	1	1
Others	2,578	1,119	4,089	2,070	1,866
Total	40,334	17,218	48,180	20,904	20,865
Sorghum:					
Mexico	3,347	1,472	3,014	1,080	1,384
Japan	992	607	935	678	526
Israel	39	0	131	105	0
EU-25	183	1	852	628	16
Others	120	58	161	63	57
Total	4,681	2,138	5,093	2,554	1,982
-----2002/2003-----					
-----2003/2004-----					
2004/2005					
	Mkt. yr.	June-Jan.	Mkt. yr.	June-Jan.	June-Jan.
Barley:					
Saudi Arabia	--	-	113	76	-
Japan	358	226	216	208	179
Mexico	25	15	15	12	22
Taiwan	0	0	0	0	0
Canada	203	124	37	29	53
Other	73	38	141	104	37
Total	659	404	409	353	292

1/ Totals may not add due to rounding.

Source: Bureau of the Census, U.S. Dept. of Commerce.