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Feed Outlook

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2007 Corn Crop Record Large

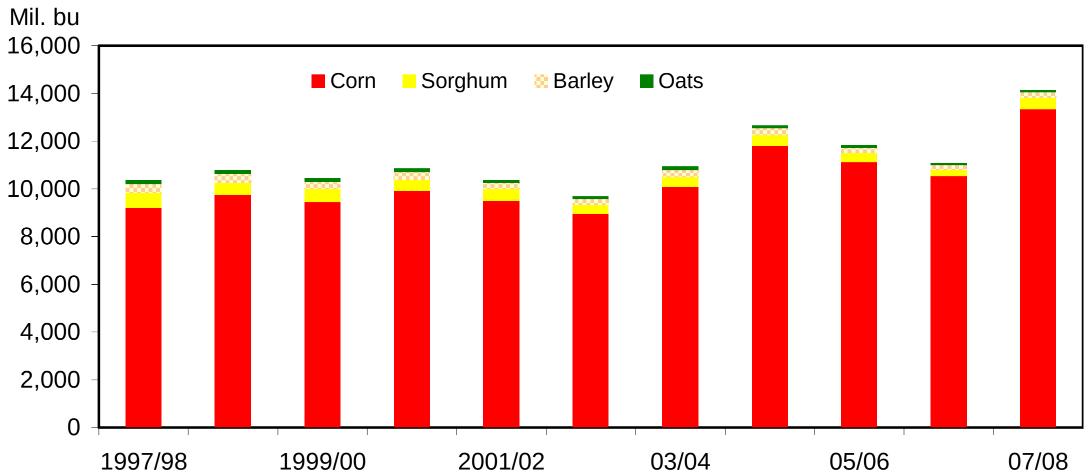
Contents

The next release is Nov. 14, 2007.

Approved by the World Agricultural Outlook Board.

The 2007 corn crop is forecast at a new record because planted area was the largest since 1944 and the area to be harvested for grain was the largest since 1933. Even with increased supplies of corn, use, while record large, was reduced from last month Reduced returns to ethanol producers have reduced capacity utilization and suggest lower corn use. Exports are projected higher on tighter foreign grain supplies and strong export sales. Ending stocks are expected to be higher. Sorghum exports were raised, with strong demand from the EU-27 reflected in large outstanding export sales. Prices were raised for all the feed grains because of strong export demand.

Figure 1
U.S. feed grain production



Sources: USDA, World Agricultural Outlook Board, *WASDE* and USDA, National Agricultural Statistics Service, *Crop Production.*

Domestic Outlook

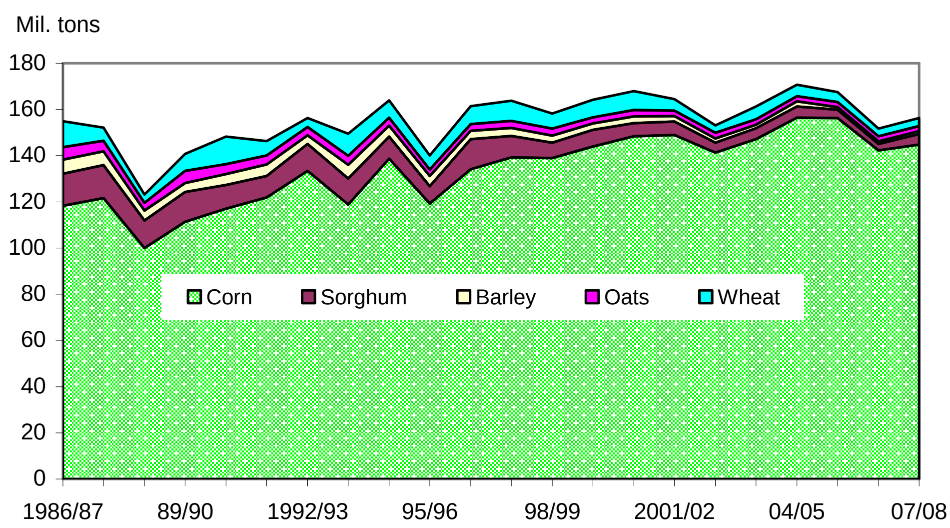
Feed Grain Production Increased to a Record 357.0 Million Tons

U.S. feed grain production for 2007/08 is forecast at a record 357.0 million tons, up from 356.9 million last month. The month-to-month increase reflects additions in corn and sorghum production but reductions in barley and oats production. Planted area for the four grains was increased 543,000 acres and harvested for grains acres were increased 516,000 acres this month. Yields per harvested acre for the four grains combined were essentially unchanged at 3.65 metric tons per acre, compared with 3.67 metric tons last month. Beginning stocks were raised to 36.2 million tons. Total 2007/08 feed grain supply is forecast at a record 395.7 million tons, up from 337.1 million in 2006/07.

Total 2007/08 feed grain utilization is projected at a record 341.7 million tons, down from 345.2 million last month, but up from 300.9 million in 2006/07. The month-to-month decrease came from lower feed and residual use and ethanol use for corn and sorghum. Exports are expected to be higher this month for both corn and sorghum but not enough higher to offset the declines in domestic uses. Total feed grain ending stocks were raised 7.6 million tons to 54.1 million.

On a September-August marketing year basis, feed and residual use for the four feed grains plus feed wheat in 2007/08 is projected to total 158.9 million tons, up from 154.1 in 2006/07. Corn is estimated to account for 91 percent of feed and residual use in 2007/08. The projected index of grain-consuming animal units (GCAU) in 2007/08 is up 0.2 million units to 92.0 million. Feed and residual per GCAU is estimated at 1.73 tons, up 3 percent from 2006/07.

Figure 2
Feed and residual use



Source: USDA, Foreign Agricultural Service, *Grain: World Markets and Trade (Grain Circular).*

Livestock production for 2008 is summarized below:

- Beef production is forecast at 26.2 billion pounds, up from 26.1 billion in 2007.
- Pork production is forecast at 22.3 billion pounds, up from 21.7 billion in 2007.
- Broiler production is forecast at 36.1 billion pounds, up from 35.3 billion in 2007.
- Egg production is forecast at 7.6 billion dozen, up from 7.5 billion dozen in 2007.
- Milk production is forecast at 190.2 billion pounds, up from 185.4 billion in 2007.

Minor Changes Made to 2006/07 Crop Year

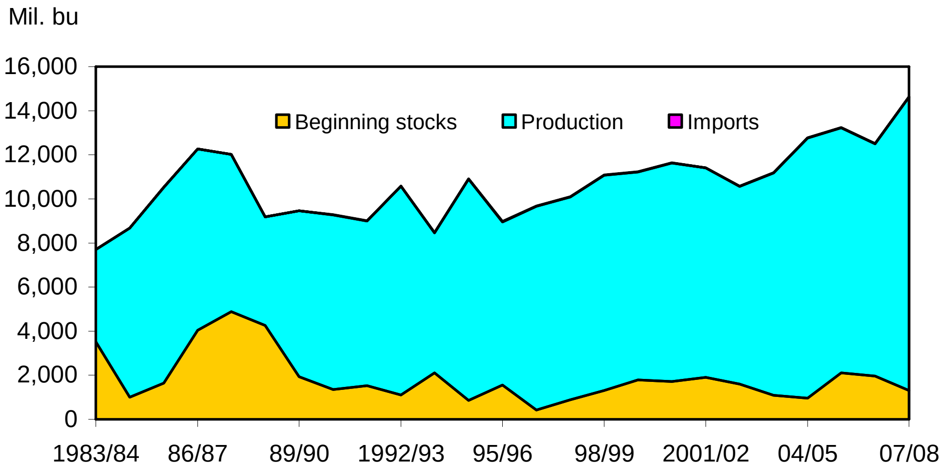
The following changes were made to the 2006/07 balance sheets:

- Corn: feed and residual use was lowered from 5,750 million bushels to 5,600 million; feed, seed and industrial use was lowered 14 million bushels to 3,486 million bushels; exports were raised 4.7 million bushels to 2,125 million bushels; imports were raised from 10 million bushels to 12.0 million bushels; ending stocks were raised from 1,142 million bushels to 1,304 million; and, prices per bushel were raised from $3.03 to $3.04.
- Sorghum: feed and residual use was lowered 1 million bushels to 109.0 million; exports were raised 7.2 million bushels to 157.2 million bushels; ending stocks were lowered 6.2 million to 32.1 million bushels; and prices were lowered from $3.30 to $3.29.
- Barley: production was increased from 180.1 million bushels to 180.2 million; and feed and residual use was raised 0.2 million bushels to 55.5 million.
- Oats: production was decreased 0.1 million bushels to 93.6 million; feed and residual use was raised 0.5 million bushels; and ending stocks were lowered 0.6 million bushels.

2007/08 Corn Crop Forecast as New Record

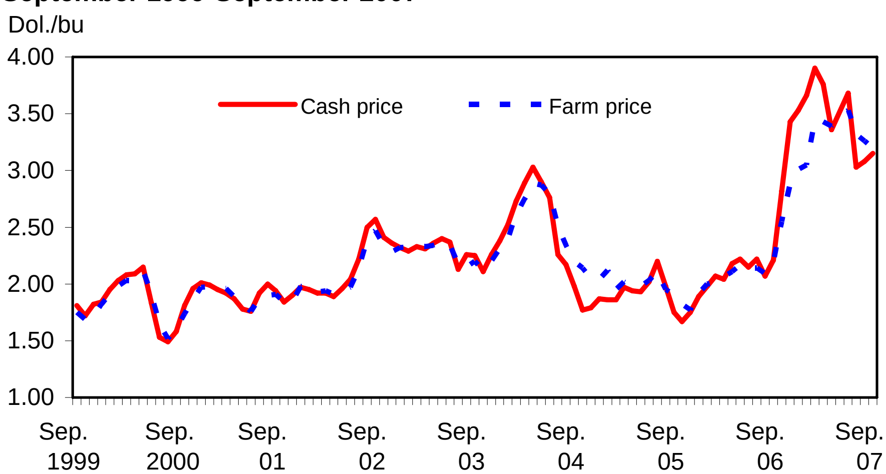
Corn production is forecast at 13,318 million bushels, up 10 million from last month and up from 10,535 million in 2006/07. The forecast was raised because of increased planted area and harvested area, but yields were reduced. States with the largest increases in planted and harvested acreage are Nebraska (300,000 acres), Minnesota (200,000 acres) and Kansas (200,000 acres). Harvested area at 86.1 million acres would be the most corn acres harvested for grain since 1933. The forecast 2007/08 average yield of 154.7 bushels per acre is down 1.1 bushels from September, but up 5.6 bushels from 2006/07. Beginning stocks were raised to 1,304 million bushels, and total supply is projected at 14,637 million bushels, down from 12,514 million a year earlier.

Figure 3
Corn supply



Sources: USDA, World Agricultural Outlook Board, *WASDE* and USDA, Economic Research Service, *Feed Grains Database.*

Figure 4
U.S. corn: Central Illinois cash and average farm price, monthly, September 1999-September 2007



Sources: USDA, Agricultural Marketing Service, *Weekly Grain Market News Summary*, and USDA, Economic Research Service, *Feed Grains Database.*

The October 1 corn objective yield data indicated number of ears per acre for the combined 10 objective yield States (Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin) is the highest on record, surpassing the previous record set in 2004. Record high ear counts were recorded in Illinois, Indiana, Iowa, Nebraska, and Wisconsin.

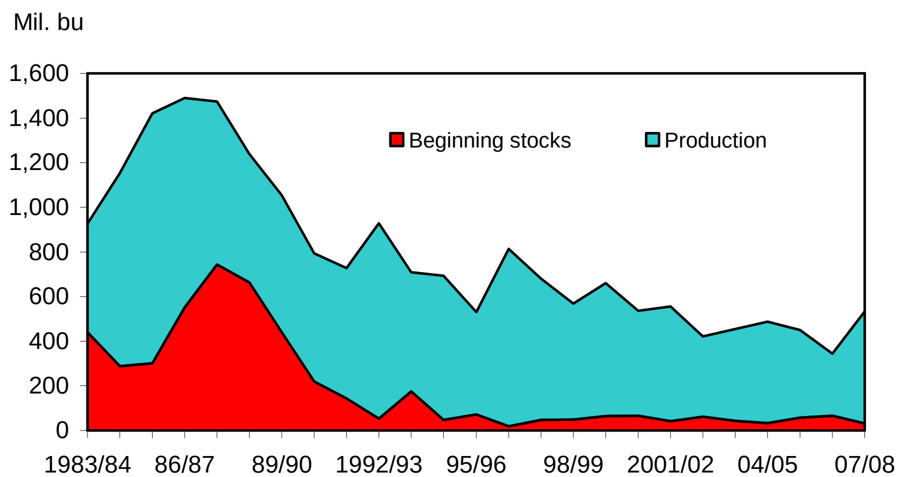
On the use side, feed and residual use was lowered 150 million bushels to 5,700 million because of the slower rate of domestic use implied by the September 1 stocks. Ethanol production in July (latest numbers available) was 548 million gallons, a new record, also an indication of continuing decline in plant capacity utilization. As a result, corn used for ethanol was lowered 100 million bushels, reflecting further plant capacity utilization declines and lower returns for ethanol producers due to recent declines in ethanol prices and continued strength in corn prices. Exports are projected 100 million bushels higher on tighter foreign grain supplies and strong export sales. At the projected 2,350 million bushels, 2007/08 exports would be the highest in 18 years. Total utilization is projected at a record 12,640 million bushels, down 150 million from last month, but up 1,430 million from 2006/07.

Ending stocks were raised this month by 322 million bushels to 1,997 million bushels. Prices received by farmers are expected to stay strong because of forward contracting earlier in the year and strong soybean and wheat prices. The price forecast was raised 10 cents on both the low and high ends of the range to $2.90-$3.50 per bushel, compared with $3.04 in 2006/07.

Sorghum Crop Raised to 501 Million Bushels

Sorghum production is forecast at 501.5 million bushels, up 6.7 million from last month and up 223.9 million from last year. Sorghum yield was 74.8 bushels per acre, up 0.9 bushels from last month and up from 56.2 bushels in 2006/07. Sorghum acreage planted was down slightly, but harvested was up slightly this month. Planted area was decreased 61,000 acres, with the largest changes in Texas (down 150,000 acres), Nebraska (up 90,000 acres), and South Dakota (down 50,000 acres). Harvest area for sorghum was raised 4,000 acres; a reduction of 100,000 acres in Texas was more than offset by 90,000 acres in Nebraska and 40,000 acres in Louisiana. With a 6.2-million-bushel decrease in beginning stocks, total supply for 2007/08 is projected at 533.5 million bushels, up from 343.3 million in 2006/07.

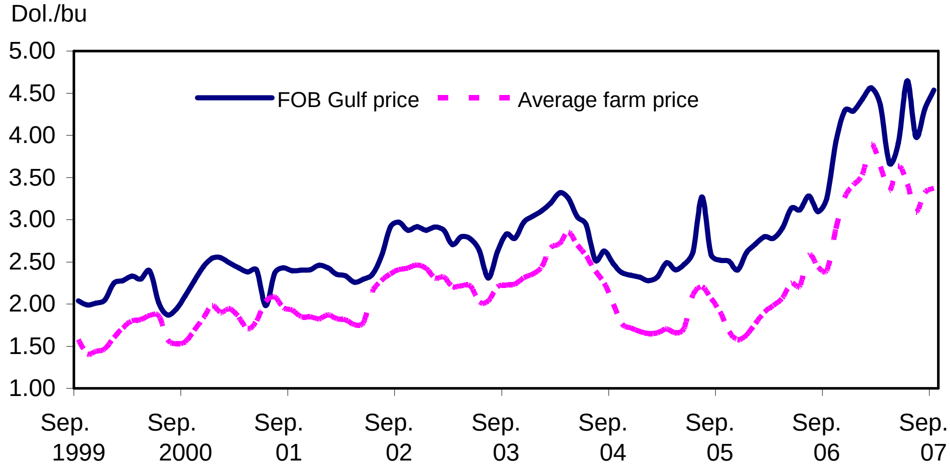
Figure 5
Sorghum supply



Source: USDA, Economic Research Service, *Feed Grain Database, and USDA,* World Agricultural Outlook Board, *WASDE.*

Figure 6

U.S. sorghum: Gulf ports cash and average farm price, monthly, September 1999 to September 2007



Sources: USDA, Agricultural Marketing Service, *Weekly Grain Market News Summary* , and USDA, Economic Research Service, *Feed Grains Database* .

Projected total utilization is 475 million bushels, up 10 million from last month, and up from 311.2 million in 2006/07. Feed and residual use is expected to be 10 million bushels lower this month and food, seed and industrial use is expected to be 20 million bushels lower than last month, as strong prices and higher exports limit sorghum feeding and processing use. Exports are raised 40 million bushels, with strong demand from the EU-27 reflected in large outstanding export sales. Exports are expected to total 260 million bushels, up from 157.2 million in 2006/07. Ending stocks for 2007/08 were lowered 9.5 million bushels this month to 58.5 million. Prices were increased 10 cents on each end of the range to $2.70-$3.30 per bushel, compared with $3.29 in 2006/07

2007/08 Barley Crop Forecast at 211.8 Million Bushels

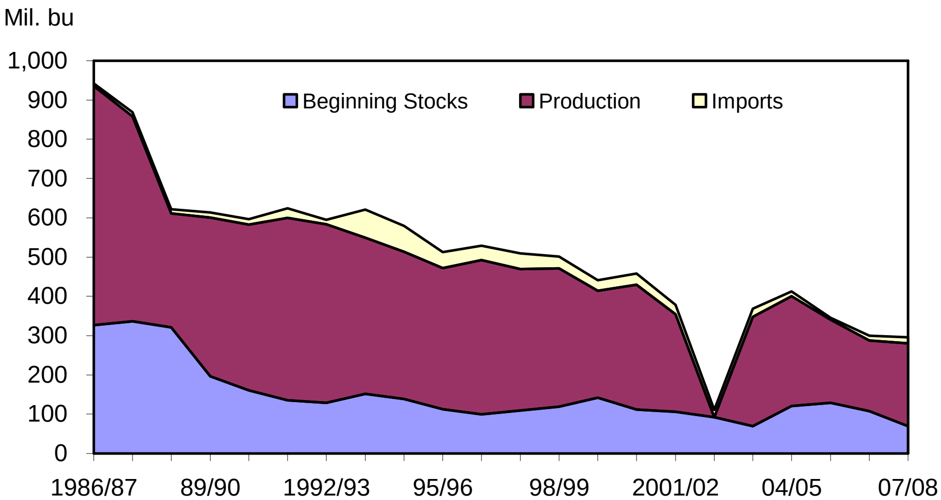
Barley production in 2007/08 is forecast at 211.8 million bushels, down 11.7 million from August but up 31.7 million 2006/07. Average yield per acre, at 60.4 bushels, is down 2.7 from last month and down from 61.1 bushels last year. Area harvested for grain is estimated at 3.51 million acres, down 34,000 acres from last month but up 19 percent from 2006/07.

Total supply of barley is projected at 295.7 million bushels, down 11.7 million from last month and down 4.5 million from 2006/07. Imports were unchanged from the August projection of 15 million bushels.

Projected barley use was unchanged from August. Ending stocks for 2007/08 were lowered by 11.7 million bushels to 55.7 million and are down 13.2 million from last year. Barley prices were increased by 25 cents on both the high and low range to $3.20-$3.80 per bushel, compared with $2.85 in 2006/07.

Figure 7

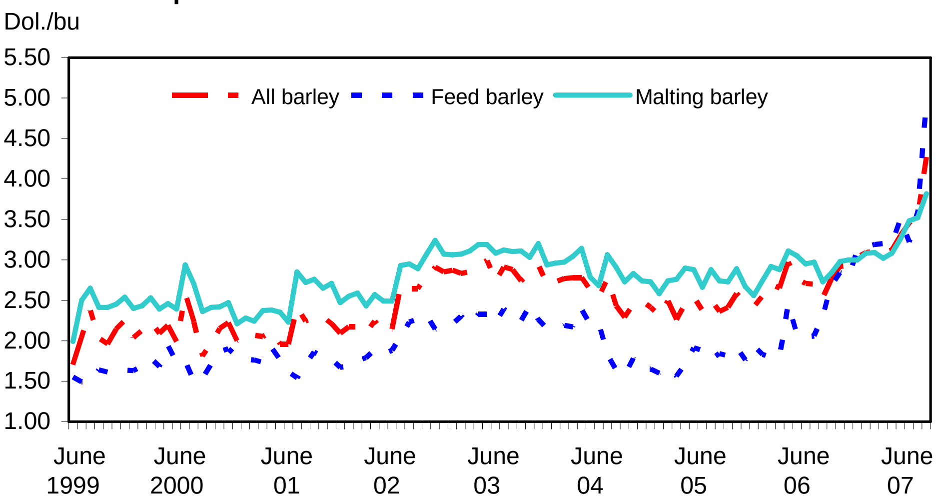
Barley supply



Sources: USDA, Economic Research Service, *Feed Grains Database* and USDA, World Agricultural Outlook Board, *WASDE.*

Figure 8

Barley prices received by farmers, monthly, June 1999-September 2007

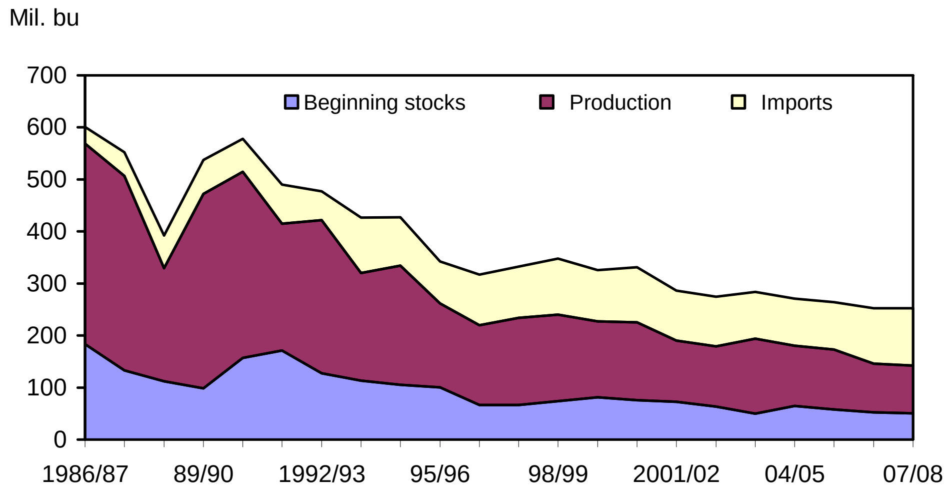


Source: USDA, National Agricultural Statistics Service, *Quick Stats.*

2007/08 Oat Production at Record Low

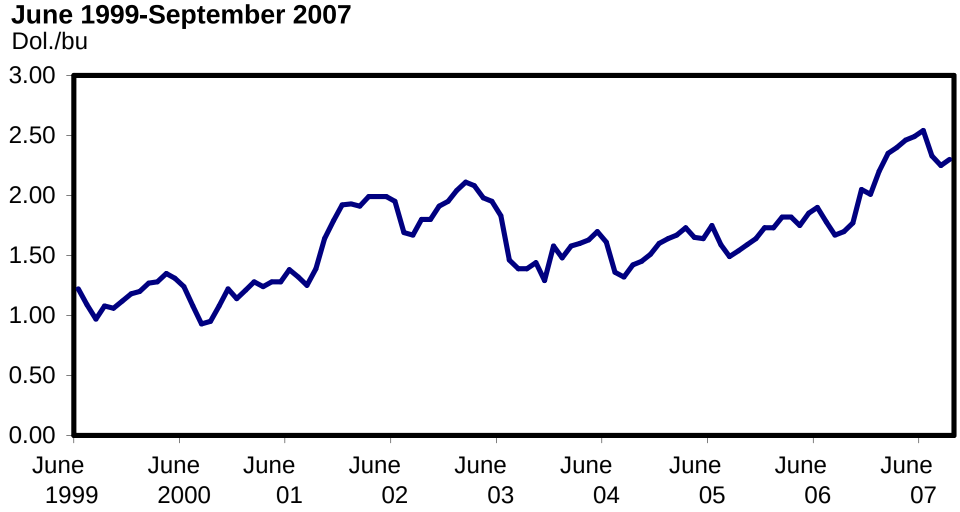
Production of oats in 2007/08 is estimated at a record low 91.6 million bushels, 7 percent below the September forecast and down 2 percent from 2006/07. The estimated yield was lowered slightly from last month to 60.9 bushels per acre, a decrease of 0.1 bushels of acre. Compared with last year, yields were up 1.1 bushels, with increased yields in most States in the Great Plains and central Rocky Mountains. Area planted to oats is estimated at 3.8 million acres, down 0.1 million from last month and 0.4 million from 2006/07. Harvested area, estimated at 1.51 million acres, is down 7 percent from last month and 4 percent from last year, making it the smallest acreage harvested for grain on record.

Figure 9
Oats supply



Sources: USDA, Economic Research Service, *Feed Grains Database* and USDA, World Agricultural Outlook Board, *WASDE.*

Figure 10
U.S. oats: average farm price, monthly, June 1999-September 2007



Sources: USDA, Agricultural Marketing Service, *Weekly Grain Market News Summary*, and USDA, Economic Research Service, *Feed Grains Database*.

Total supply is forecast at 252.2 million bushels, down 7.3 million bushels from last month. Ending stocks were lowered by 7.3 million bushels this month to 45.2 million, down 5.4 million from 2006/07. Prices were raised 15 cents on both ends of the range to $2.00-$2.60 per bushel, compared with $1.87 from last year.

Hay Production Increases

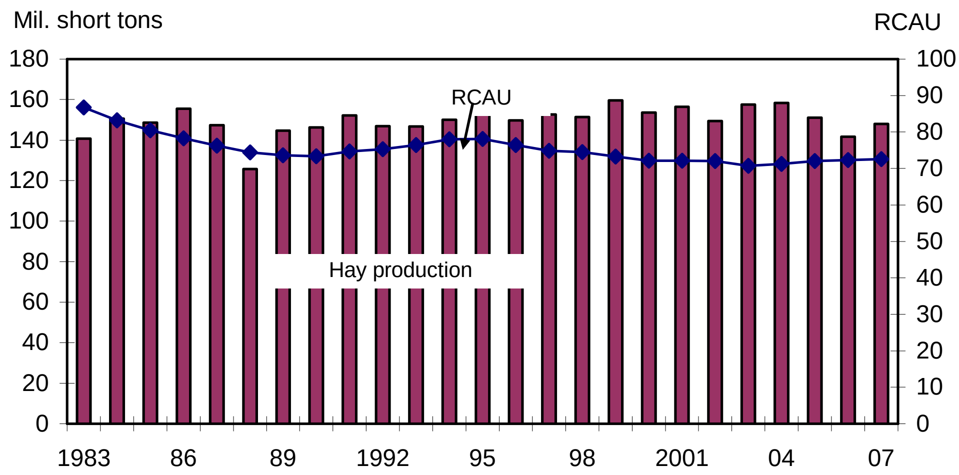
All-hay production in 2007 is forecast at 148.0 million tons, up from 141.7 million tons in 2006. This increase stems partly from a nearly 3-percent rise year-to-year in yield at 2.39 tons per acre. Total hay harvested area increased to 61.8 million acres from 60.8 million last year. Roughage-consuming animal units (RCAU) in 2007/08 are projected to be 72.6 million units, up from 72.3 million in 2006/07.

Production of alfalfa hay and alfalfa mixtures is forecast at 72.3 million tons, up 3 percent from the August forecast and up 1 percent from last year. Based on October 1 conditions, yields are expected to average 3.37 tons per acre, up 0.11 ton from August and up 0.02 ton from 2006. Harvested area is forecast at 21.5 million acres, unchanged from August but slightly above the previous year's acreage.

Other hay production is forecast at 75.6 million tons, up slightly from the August forecast and up 8 percent from 2006. Based on October 1 conditions, yields are expected to average 1.87 tons, the same as the August forecast but up 0.09 tons, from last year. Harvested area, at 40.3 million acres, is unchanged from August but up 2 percent from the previous year.

Figure 11

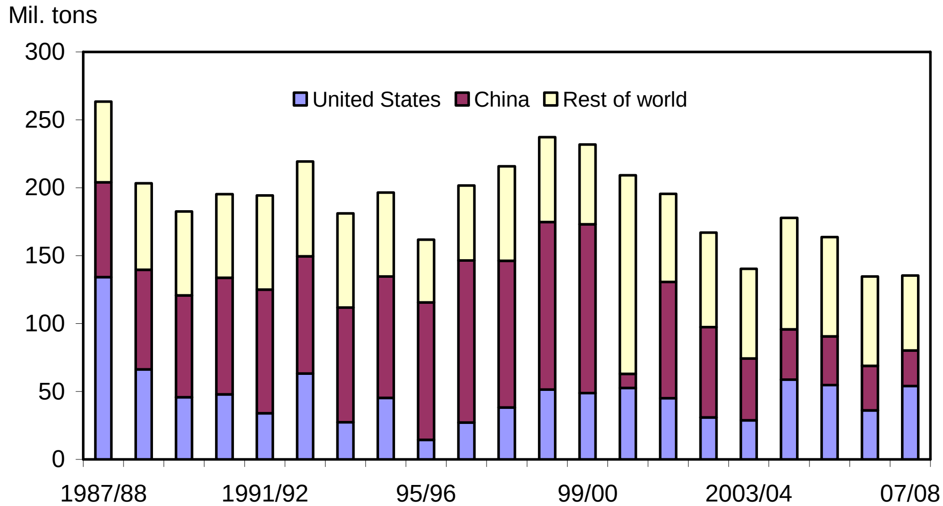
Hay production and RCAU



Sources: USDA, Economic Research Service, *Feed Grains Database* and USDA, National Agricultural Statistic Service, *Crop Production.*

International Outlook

Figure 12
Coarse grain ending stocks



Source: USDA, Foreign Agricultural Service, *Grain: World Markets and Trade (Grain Circular).*

World 2007/08 Coarse Grains Production Prospects Cut

Global coarse grains production projected for 2007/08 was cut 8 million tons this month to 1,053 million. The largest reductions were for China, Australia, the EU-27, and Brazil.

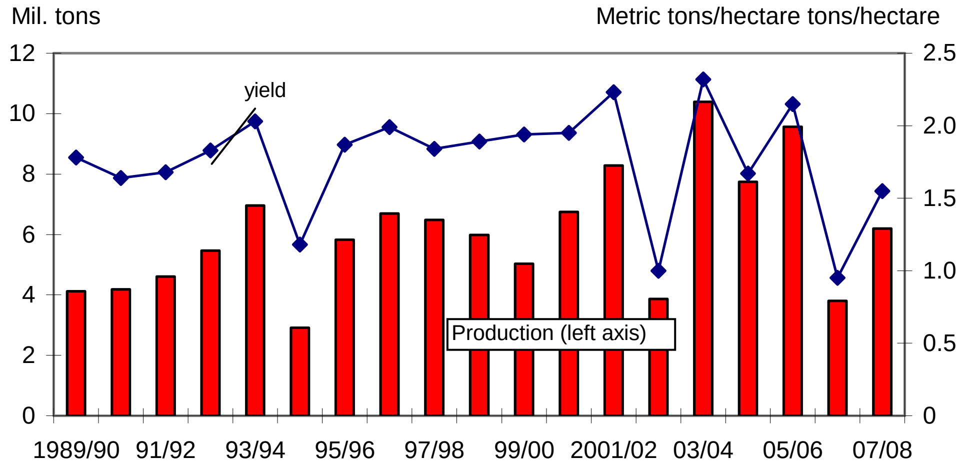
In China, dryness in the western parts of Manchuria and into Inner Mongolia hurt corn production prospects. Satellite imagery clearly indicates production potential in the region is much worse than a year ago. However, growing conditions for corn on the North China Plain have been mostly favorable. Projected production of corn in China was reduced 4.0 million tons this month to 143 million.

Australia has been gripped by drought for the second consecutive year, with rainfall in September especially low in southeastern provinces. Coarse grains production prospects for 2007/08 were reduced 2.3 million tons this month to 9.5 million tons. Barley production prospects were cut 1.8 million tons to 6.2 million, and oats were slashed 0.5 million tons to 1.0 million.

EU-27 coarse grains production projected for 2007/08 was trimmed 1.1 million tons to 133.9 million. Corn production prospects were trimmed for Italy and Hungary, reducing EU-27 corn production forecast 0.55 million tons to 46.4 million tons. EU-27 barley and mixed grains production projections were also reduced.

In Brazil, the delayed beginning of the rainy season in much of the Campo Cerrado, especially Mato Grosso, has severely limited early planting of soybeans. This delay, in turn, will make it more difficult to plant a second crop of corn after early soybean harvest. Also, the strong price of soybeans may limit corn plantings where corn and soybeans compete for area. Reduced corn area prospects trimmed projected corn production 1.0 million tons this month to 50.0 million.

Figure 13
Australia's barley production and yield



Sources: USDA, Foreign Agricultural Service, *Production, Supply & Distribution (PS&D)* and *Grain: World Markets and Trade (Grain Circular)* .

Barley production in the former Soviet Union (FSU-12) is projected down slightly this month as a 0.5-million-ton reduction in Russia's barley production due to lower-than-expected reported yields is partly offset by increased barley production prospects in Kazakhstan.

Canada's coarse grains production forecast was reduced slightly with lower production estimated by Statistics Canada for corn, barley, oats, and rye. However, coarse grains production prospects for Uruguay increased.

Foreign Consumption Projections Little Changed, Stocks Down

While projected 2007/08 U.S. coarse grains use is down significantly this month, foreign use is down only 0.5 million tons to 777.6 million. Forecast foreign feed use of corn is unchanged this month at 337.5 million tons. Healthy economic growth in many foreign countries is supporting growth in meat consumption and sustaining growth in foreign feed use of corn.

The combination of reduced coarse grains production this month and little change in projected foreign use leads to prospects for reduced ending stocks and increased imports. Foreign coarse grains ending stocks for 2007/08 are down 4.5 million tons this month to 81.3 million. China's corn ending stocks are forecast down 3.0 million tons this month to 25.7 million tons. In Brazil, feed use prospects for corn increased slightly and production prospects declined, dropping projected ending stocks of corn 1.5 million tons to 4.5 million. Limited supplies of barley available to import are expected to result in a decline in barley stocks in Saudi Arabia, down 0.5 million tons this month. However, these and smaller increases elsewhere are partly offset by increased coarse grains ending stocks projected this month for the EU-27, up 0.9 million tons to 11.1 million. The sharp increase in EU-27 imports this month supports increased forecast ending stocks.

Reduced Competition, Robust Sales Boost U.S. Corn Export Prospects

Prospects for world corn trade in 2007/08 increased 2.0 million tons this month to a record 92.4 million. Projected imports by the EU-27 increased 1.5 million tons to 9.5 million based on the strong pace of purchases, with large import licenses confirming the trade. Brazil, with record corn exports (mostly to the EU-27), is boosting imports from neighboring Paraguay, with projected imports up 0.45 million tons to 0.75 million. Canada is expected to feed less wheat and barley and export more as the price of imported corn is more attractive for feeding. Canada's corn imports are projected up 0.3 million tons this month to 2.0 million.

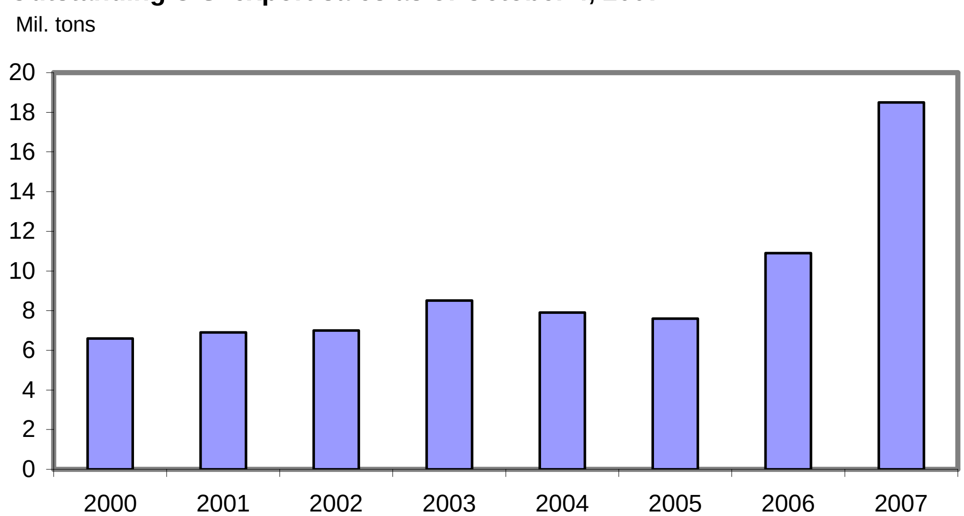
China's corn exports projected for 2007/08 were cut in half this month to 1.5 million tons due to tight domestic supplies caused by reduced production prospects and continued growth in meat production. The Government of China has moved to limit the growth in industrial use of corn for the production of ethanol and is unlikely to subsidize large exports.

Brazil's corn exports in 2007/08 (October-September) are projected to reach a record 8.5 million tons, up 0.5 million this month because of strong purchases of Brazilian corn by the EU-27, which prefers corn from Brazil because of restrictions on GMO imports.

U.S. 2007/08 (October-September) corn exports are projected up 3.0 million tons this month to 60.0 million tons, the highest in 18 years and the third highest on record. U.S. local marketing year (September-August) exports increased 100 million bushels to 2.35 billion bushels. Increased world trade and reduced

Figure 14

Outstanding U.S. export sales as of October 4, 2007



Source: USDA, Foreign Agricultural Service, *Export Sales Weekly Historical Data*.

competition from China are enhancing U.S. export prospects. Moreover, the early season pace of corn sales has been very robust. According to *U.S. Export Sales*, as of October 4, 2007, outstanding sales of corn reached 18.5 million tons, up from 10.9 million a year earlier.

The U.S. sorghum export projection for 2007/08 increased 1.0 million tons to 6.6 million, the highest in 15 years due to strong purchases by the EU-27, which seeks non-GMO grain imports. EU-27 sorghum imports projected for 2007/08 increased 1.5 million tons this month to a record 3.0 million. However, the strong buying by the EU-27 is expected to increase U.S. sorghum export prices enough to limit sales to Mexico, which were trimmed 0.5 million tons this month to 2.5 million.

Significant adjustments to projected 2007/08 world barley trade were caused by reduced exports prospects for drought-stricken Australia. Exports for Australia are down 2.2 million tons this month to 2.3 million. Increased exports for the EU-27, Canada, and Kazakhstan are partly offsetting, but global barley imports were also reduced.

Contacts and Links

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Data

Feed Grains Database (http://www.ers.usda.gov/data/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.

Related Websites

WASDE (http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1194)
Grain Circular (http://www.fas.usda.gov/grain/circular/2007/10-07/graintoc.htm)
World Agricultural Production (http://www.fas.usda.gov/wap_arc.asp)
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Table 1--Feed grains: Marketing year supply and disappearance 1/

Year/ Qtr.	Beg. stocks	Produc- tion	Im- ports	Supply	FSI 2/	Feed & resid.	Ex- ports	Total disp.	End. stocks	Farm price
Corn				----Million bushels----						$/bu
2004/05										
Sep-Nov	958	11,807	2	12,767	643	2,173	499	3,314	9,452	2.12
Dec-Feb	9,452	---	2	9,454	637	1,622	439	2,698	6,756	2.05
Mar-May	6,756	---	4	6,760	700	1,311	428	2,440	4,321	2.00
June-Aug	4,321	---	3	4,324	707	1,052	452	2,210	2,114	2.03
Mkt. yr.	958	11,807	11	12,776	2,687	6,157	1,818	10,662	2,114	2.06
2005/06										
Sep-Nov	2,114	11,114	2	13,230	697	2,241	477	3,415	9,815	1.83
Dec-Feb	9,815	---	1	9,816	708	1,647	474	2,829	6,987	1.99
Mar-May	6,987	---	4	6,991	774	1,293	562	2,630	4,362	2.11
June-Aug	4,362	---	1	4,363	802	974	620	2,396	1,967	2.12
Mkt. yr.	2,114	11,114	9	13,237	2,981	6,155	2,134	11,270	1,967	2.00
2006/07										
Sep-Nov	1,967	10,535	1	12,503	792	2,183	596	3,570	8,933	2.62
Dec-Feb	8,933	---	2	8,934	818	1,536	513	2,866	6,068	3.12
Mar-May	6,068	---	5	6,074	918	1,144	478	2,540	3,533	3.44
June-Aug	3,533	---	4	3,537	958	737	538	2,233	1,304	3.37
Mkt. yr.	1,967	10,535	12	12,514	3,486	5,600	2,125	11,210	1,304	3.04
2007/08										
Mkt. yr.	1303.8	13318.1	15	14636.9	4590	5700	2350	12640	1996.86	2.90-3.50
Sorghum										
2004/05										
Sep-Nov	33.55	453.65	0.00	487.20	13.58	147.48	43.95	205.00	282.21	1.78
Dec-Feb	282.21	---	0.00	282.21	13.44	9.96	55.28	78.68	203.52	1.66
Mar-May	203.52	---	0.02	203.54	14.22	24.93	51.22	90.37	113.17	1.69
June-Aug	113.17	---	0.00	113.17	13.66	8.97	33.60	56.23	56.94	2.13
Mkt. yr.	33.55	453.65	0.03	487.23	54.90	191.34	184.04	430.29	56.94	1.79
2005/06										
Sep-Nov	56.94	392.93	0.00	449.87	12.28	107.22	39.99	159.50	290.38	1.67
Dec-Feb	290.38	---	0.00	290.38	15.51	24.38	57.35	97.24	193.14	1.73
Mar-May	193.14	---	0.00	193.14	11.82	3.68	62.77	78.27	114.86	2.09
June-Aug	114.86	---	0.00	114.86	10.42	4.59	34.20	49.20	65.66	2.48
Mkt. yr.	56.94	392.93	0.00	449.88	50.02	139.87	194.32	384.21	65.66	1.86
2006/07										
Sep-Nov	65.66	277.54	0.00	343.20	13.22	81.37	36.42	131.01	212.19	3.06
Dec-Feb	212.19	---	0.04	212.23	13.23	9.28	47.50	70.01	142.22	3.59
Mar-May	142.22	---	0.00	142.22	13.84	18.64	34.88	67.35	74.87	3.56
June-Aug	74.87	---	0.04	74.91	4.71	-0.29	38.43	42.86	32.05	3.27
Mkt. yr.	65.66	277.54	0.08	343.28	45.00	109.00	157.23	311.23	32.05	3.29
2007/08										
Mkt. yr.	32.05	501.46	0.00	533.51	35.00	180.00	260.00	475.00	58.51	2.70-3.30

continued--

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

Year/ Qtr.	Beg. stocks	Produc- tion	Im- ports	Supply	FSI 2/	Feed & resid.	Ex- ports	Total disp.	End. stocks	Farm price
Barley				------Million bushels----						$/bu
2005/06										
June-Aug	128	212	2	342	43	34	10	87	255	2.47
Sep-Nov	255	---	1	256	36	-1	13	48	208	2.45
Dec-Feb	208	---	1	209	33	8	1	42	167	2.48
Mar-May	167	---	2	168	45	10	5	60	108	2.77
Mkt. yr.	128	212	5	346	158	52	28	238	108	2.53
2006/07										
June-Aug	108	180	1	289	40	35	2	76	213	2.72
Sep-Nov	213	---	4	217	33	2	9	44	173	2.74
Dec-Feb	173	---	3	176	34	17	8	59	117	3.00
Mar-May	117	---	4	121	49	2	2	52	69	3.10
Mkt. yr.	108	180	12	300	156	56	20	231	69	2.85
2007/08										
June-Aug	69	212	4	285	45	49	2	96	189	3
Mkt. yr.	69	212	15	296	155	60	25	240	56	3.20-3.80
Oats										
2005/06										
June-Aug	58	115	20	193	16	64	0.4	80	114	1.55
Sep-Nov	114	---	22	135	17	22	0.4	40	96	1.58
Dec-Feb	96	---	28	124	16	32	0.6	49	75	1.76
Mar-May	75	---	21	96	25	17	0.7	43	53	1.80
Mkt. yr.	58	115	91	264	74	136	2.1	211	53	1.63
2006/07										
June-Aug	53	94	28	174	16	57	1.0	74	100	1.73
Sep-Nov	100	---	34	134	17	18	0.5	36	99	1.82
Dec-Feb	99	---	21	120	16	32	0.5	49	71	2.17
Mar-May	71	---	23	94	25	18	0.6	43	51	2.44
Mkt. yr.	53	94	106	252	74	125	3	202	51	1.87
2007/08										
June-Aug	51	92	21	163	16	58	0.4	75	88	2
Mkt. yr.	51	92	110	252	75	130	2.0	207	45	2.00-2.60

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.

2/ Grain used for food, seed or industrial purposes.

Source: Stocks and production data from Data and Statistics, at http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/index.asp: Trade data from Foreign Trade Statistics, at http://www.census.gov/foreign-trade/www/; and other categories calculated by USDA, Economic Research Service.

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
2004/05									
Sep-Nov	55.2	3.7	0.2	0.3	59.4	-1.5	57.9		
Dec-Feb	41.2	0.3	0.3	0.5	42.3	0.1	42.4		
Mar-May	33.3	0.6	0.2	0.4	34.5	-0.8	33.6		
June-Aug	26.7	0.2	0.7	1.0	28.7	7.2	35.8		
Mkt. yr.	156.4	4.9	1.4	2.2	164.9	4.9	169.8	90.0	1.89
2005/06									
Sep-Nov	56.9	2.7	0.0	0.4	60.0	-1.7	58.3		
Dec-Feb	41.8	0.6	0.2	0.5	43.2	0.1	43.3		
Mar-May	32.9	0.1	0.2	0.3	33.5	-1.3	32.2		
June-Aug	24.7	0.1	0.8	0.9	26.5	5.8	32.3		
Mkt. yr.	156.3	3.6	1.1	2.1	163.2	3.0	166.1	91.1	1.82
2006/07									
Sep-Nov	55.4	2.1	0.0	0.4	57.9	-1.2	56.7		
Dec-Feb	39.0	0.2	0.4	0.5	40.1	0.7	40.9		
Mar-May	29.1	0.5	0.0	0.3	29.9	-1.8	28.1		
June-Aug	18.7	0.0	1.1	0.9	20.7	7.8	28.5		
Mkt. yr.	142.2	2.8	1.5	2.1	148.7	5.5	154.1	91.8	1.68
2007/08									
Mkt. yr.	144.8	4.3	0.9	1.7	151.7	7.2	158.9	92.0	1.73

Source: Calculated by USDA, Economic Research Service.

Table 3--Cash feed grain prices

	Corn, no. 2, yel. Ctrl. 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
2004/05	1.87	2.43	3.87	4.20	1.74	2.46	1.88
2005/06	2.04	2.67	3.82	4.94	1.70	2.68	1.98
2006/07 3/	3.50	4.06	6.42	7.46	2.60	3.77	2.54
Monthly:							
2006							
May	2.22	2.81	4.04	5.60	1.70	2.96	2.13
June	2.15	2.78	4.02	5.57	1.69	3.02	2.21
July	2.22	2.90	4.14	5.86	1.65	3.10	2.25
Aug.	2.07	2.92	3.80	5.53	1.71	3.14	2.06
2007							
May	3.52	4.07	6.29	6.98	3.42	4.42	2.76
June	3.68	4.20	6.43	8.30	3.53	4.53	2.90
July	3.03	3.73	5.57	7.11	3.36	4.41	2.69
Aug. 3/	3.08	3.84	5.57	7.70	3.58	4.38	2.61

1/ Marketing year beginning September 1.

2/ Marketing year beginning June 1. 3/ Preliminary.

Source: USDA, Agricultural Marketing Service, http://marketnews.usda.gov/portal/lg.

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.' dried grains, Lawrence-burg, IN 1/	Wheat midlgs, Kansas City 1/	Alfalfa farm price 2/
	$/ton							
Mkt. yr.								
2004/05	187.80	125.92	52.60	267.78	165.09	75.15	37.40	98.60
2005/06	174.73	143.94	55.45	273.50	150.53	86.56	63.22	104.00
2006/07 3/	198.34	147.98	71.08	336.22	190.79	109.89	81.53	113.00
Monthly:								
2006								
May	175.77	131.50	60.38	251.70	139.69	92.00	49.20	114.00
June	177.66	135.00	58.25	250.00	145.46	87.00	61.95	112.00
July	168.97	132.50	56.13	240.00	144.61	83.00	69.83	111.00
Aug.	159.77	134.50	56.00	229.25	136.86	81.50	59.24	109.00
2007								
May	198.66	137.00	59.50	344.00	204.26	105.00	57.43	145.00
June	229.70	131.25	62.25	352.75	217.01	105.00	50.75	137.00
July	222.05	137.50	66.40	398.50	231.81	105.00	37.38	137.00
Aug. 3/	217.63	144.75	75.00	404.38	224.46	105.00	55.52	137.00

1/ Marketing year beginning September 1. 2/ Marketing year beginning May 1. 3/ Preliminary.

Sources: USDA, Agricultural Marketing Service, at http://marketnews.usda.gov/portal/lg, and USDA, National Agricultural Statistics Service, at http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/index.asp.

Table 5--Corn: Food and industrial uses

Year	HFCS	Glucose and dex.	Starch	---Alcohol--- Fuel	Bev. & mfg.	Cereals & other products	Total food & industrial
	Million bushels						
2005/06							
Sep-Nov	127.0	55.3	70.4	364.3	33.0	47.3	697.3
Dec-Feb	120.1	51.9	67.2	386.6	34.6	47.3	707.8
Mar-May	137.3	59.1	67.5	406.5	36.2	47.8	754.5
June-Aug	144.2	63.0	70.2	445.3	31.2	47.8	801.7
Mkt. year	528.6	229.3	275.4	1,602.8	135.0	190.2	2,961.3
2006/07							
Sep-Nov	122.8	60.5	69.2	458.7	33.0	47.5	791.8
Dec-Feb	113.9	52.8	65.7	503.2	34.6	47.5	817.6
Mar-May	134.9	62.1	67.5	545.9	36.7	47.7	894.7
June-Aug	138.5	63.6	69.3	607.2	31.7	47.7	958.1
Mkt. year	510.1	239.0	271.7	2,115.0	136.0	190.4	3,462.2
2007/08							
Mkt. year	515.0	243.0	280.0	3,200.0	136.5	192.8	4,567.3

Source: Calculated by USDA, 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/					
2004/05	15.95	11.88	23.06	13.07	12.07
2005/06	15.70	11.65	23.68	12.89	12.18
2006/07 2	18.41	14.30	28.05	15.67	15.37
Monthly					
2006					
June	15.34	11.82	24.10	13.00	12.94
July	15.87	11.76	24.10	13.00	12.82
Aug.	15.49	11.38	24.10	13.00	13.00
Sept.	16.10	11.88	24.91	13.63	12.64
2007					
June	18.87	14.77	28.10	15.88	16.00
July	17.82	13.72	28.35	15.88	16.75
Aug.	18.00	13.89	28.35	15.88	14.47
Sept. 2/	18.50	14.40	29.16	15.88	13.96

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	------2005/2006------		------2006/2007------		2007/2008
	Mkt. yr.	June-Aug.	Mkt. yr.	June-Aug.	June-Aug.
Oats:			Thousand tons		
Canada	1,367	260	1,818	479	348
Finland	137	57	---	---	---
Sweden	67	35	12		12
Total 1/	1,572	352	1,831	479	361
Barley, malting:					
Canada	88	26	232	22	64
Total 1/	89	27	232	22	65
Barley, other: 2/					
Canada	28	9	31	3	23
Total 1/	28	9	31	4	23

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

Source: U.S. Dept. of Commerce, Bureau of the Census, at http://www.census.gov/foreign-trade/www/.

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

Country/region	------2005/06--------		------2006/07--------		
	Mkt. yr.	Sept.-Aug.	Mkt. yr.	Sept.-Aug.	
	1,000 metric tons				
Corn					
Japan	15,950	15,950	15,168	15,168	
Mexico	6,336	6,336	8,768	8,768	
China (Taiwan)	4,652	4,652	4,329	4,329	
South Korea	5,587	5,587	4,038	4,038	
Egypt	4,045	4,045	3,306	3,306	
Colombia	2,704	2,704	3,247	3,247	
Canada	1,882	1,882	2,048	2,048	
Syria	829	829	1,471	1,471	
Dominican Republic	1,035	1,035	1,202	1,202	
Algeria	1,235	1,235	854	854	
Israel	620	620	800	800	
Guatemala	718	718	747	747	
Morocco	1,094	1,094	699	699	
Costa Rica	682	682	622	622	
El Salvador	499	499	538	538	
Cuba	422	422	538	538	
Venezuela	174	174	515	515	
Tunisia	394	394	459	459	
Saudi Arabia	564	564	418	418	
Ecuador	339	339	418	418	
Honduras	353	353	371	371	
Panama	332	332	351	351	
Turkey	37	37	350	350	
Jordan	319	319	320	320	
Chile	299	299	298	298	
All other countries	3,100	3,100	2,093	2,093	
World	54,201	54,201	53,970	53,970	
Sorghum					
Mexico	3,138	3,138	1,975	1,975	
European Union-27	67	67	855	855	
Japan	1,161	1,161	709	709	
Sub-Saharan Africa	491	491	428	428	
All other countries	79	79	27	27	
World	4,936	4,936	3,994	3,994	
	-----2005/2006------		------2006/2007------		2007/2008
	Mkt. yr.	Jun.-Aug.	Mkt. yr.	Jun.-Aug.	Jun.-Aug.
Barley					
Japan	179	85	293	11	6
Mexico	32	11	49	8	5
Canada	49	19	40	12	13
Tunisia	59	---	22	---	---
All other countries	287	97	38	6	12
World	606	212	441	36	37

1/ Totals may not add due to rounding.

Source: U.S. Dept. of Commerce, Bureau of the Census, at http://www.census.gov/foreign-trade/www/.