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Feed Outlook

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Record Corn Crop Expected

Contents

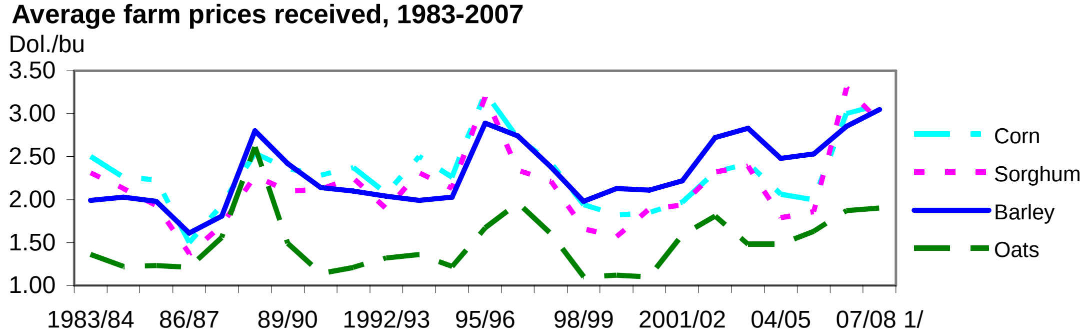
The next release is Sept. 14, 2007.

Approved by the World Agricultural Outlook Board.

This month's outlook is shaped by the first survey-based forecasts for corn and sorghum production. Forecast yields of corn and sorghum are above the adjusted trend yields used in earlier production projections. With higher-than-expected corn and sorghum yields, feed grains production is forecast up 6.3 million tons from last month's projected record. Ending stocks for the four feed grains in 2007/08 are projected at 42.5 million metric tons, up from 42.2 million last month and up from 32.1 million projected for 2006/07. Increased 2007/08 corn supplies are largely offset by higher expected use, leaving corn price prospects unchanged from last month.

Hot, dry conditions in July devastated 2007/08 corn production prospects in southeastern Europe. Foreign coarse grain production projections dropped twice as much as U.S. production increased. Strong demand for South American corn by the EU-27 will leave the United States with reduced competition in other markets. U.S. projected 2007/08 corn exports increased 150 million bushels and sorghum increased 40 million over 2006/07.

Figure 1
Average farm prices received, 1983-2007



Source: USDA, World Agricultural Outlook Board, *WASDE.*
1/ Corn, sorghum, barley, and oats prices are projected at $2.80-$3.40, $2.60-$3.20, $2.75-$3.35, and $1.60-$2.20, respectively. The chart shows the mid-point of the range.

Domestic Outlook

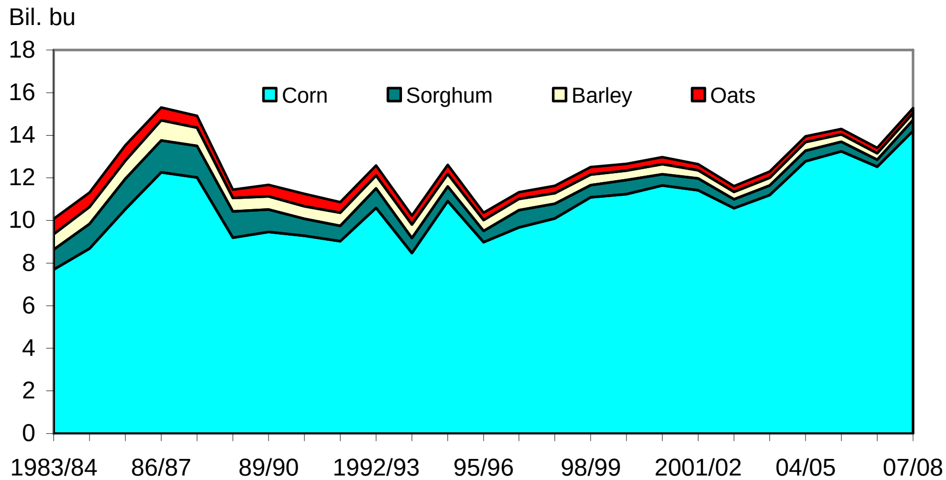
Feed Grain Supply At Record Level

U.S. feed grain production in 2007 is forecast at 349.9 million metric tons, up 6.3 million from a month ago and up 70.0 million from 2006. Production is up from last year for all of the individual feed grains. Feed grain supply in 2007/08 is forecast at a record 384.5 million tons, up 6.3 million from last month and up 47.5 million from 2006/07. Forecast beginning stocks are nearly unchanged from last month, but down 22.6 million tons from the previous year.

Total feed grain use is projected at 342.1 million tons in 2007/08, up 6.1 million tons from last month, and up 37.2 million from the previous year. The year-to-year increase reflects increases in all use categories. Feed and residual use in 2007/08 is expected to total 154.1 million metric tons and accounts for 45 percent of total use. Food, seed, and industrial use at 127.8 million tons is unchanged from last month but up 32.7 million from last year. Exports are forecast at 60.2 million tons, up 4.9 million from last month and up 2.6 million from last year. The Bureau of Census issued revised numbers for 2006, which primarily moved some trade from one month to the next, but in the process, market year exports for feed grains in 2005/06 changed from 60.125 million tons to 59.773. Imports had an even smaller change in 2005/06, going from 1.916 million tons to 1.912 million. These trade changes caused slight changes in the feed and residual use in 2005/06—from 162.891 million tons to 163.240 million.

When converted to a September-August marketing year, feed and residual use for the four feed grains plus wheat in 2007/08 is projected to total 164.6 million tons, up 1.6 million from last month and up 7.6 million from the 2006/07 projection. Corn is estimated to account for 89 percent of the feed and residual use in 2007/08, down from the forecast 94 percent in 2006/07.

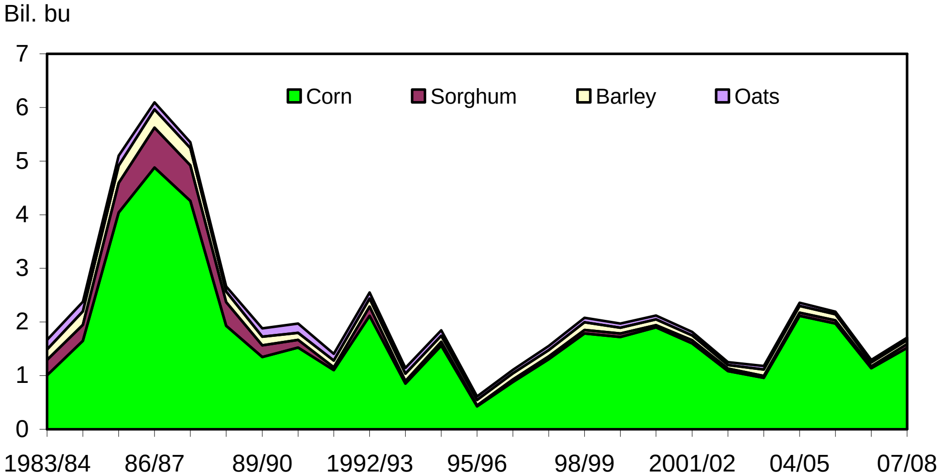
Figure 2
Feed grain supply



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

Figure 3

Feed grain ending stocks



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

The projected index of grain-consuming animal units (GCAU) for 2007/08 is 91.6 million units, down fractionally from the 91.8 million projected last month and the 91.8 million projected for 2006/07. There were slight increases in poultry, pork, and dairy, but the decreases in cattle on feed offset these increases. Thus, feed needs by poultry, pork, and dairy are expected to strengthen slightly in 2007/08. The grain used per GCAU in 2007/08 would be 1.80 tons, up from 1.78 tons last month and up from 1.69 tons in 2006/07.

Record Corn Crop Forecast

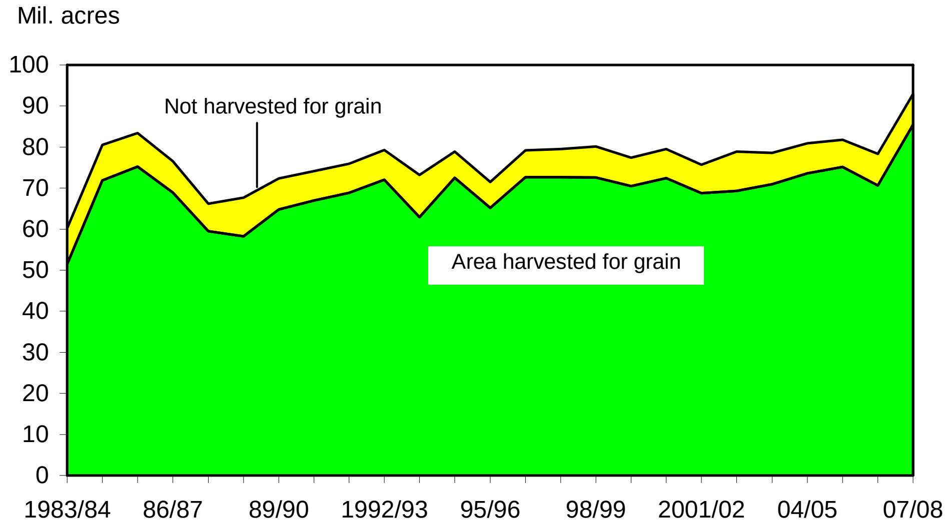
Corn production in 2007 is forecast at 13.1 billion bushels, up 214 million from last month and 2.5 billion above 2006. This is the first survey-based forecast of the season and reflects August 1 conditions. The average corn yield is forecast at 152.8 bushels per acre, compared with last month's adjusted trend yield of 150.3 bushels and the actual 2005 yield of 149.1 bushels. If realized, yield would be the second highest on record and production would be a new record. The August 1 survey data indicate the highest stalk and ear count on record for the combined 10 objective yield States (Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin). Record high stalk and ear counts were recorded in Illinois, Indiana, Iowa, Nebraska, and Wisconsin. Minnesota had a record high number of stalks per acre while the ear counts were the highest since 2004.

Estimated acres of corn planted and harvested for grain were unchanged this month at 92.9 million planted and 85.4 million harvested, respectively. Plantings are the highest since 1944 and are up 19 percent from 2006, and acres harvested for grain are forecast up 21 percent from 2006 and would be the highest number of acres harvested since 1933.

Projected ending stocks for 2007/08 increased 13.6 million bushels from last month and are up 379 million from the forecast for 2006/07. Beginning stocks were unchanged from last month and, with higher production, supplies increased 1,694 million bushels from 2006/07. Expected domestic use in 2007/08 is up 1,265

Figure 4

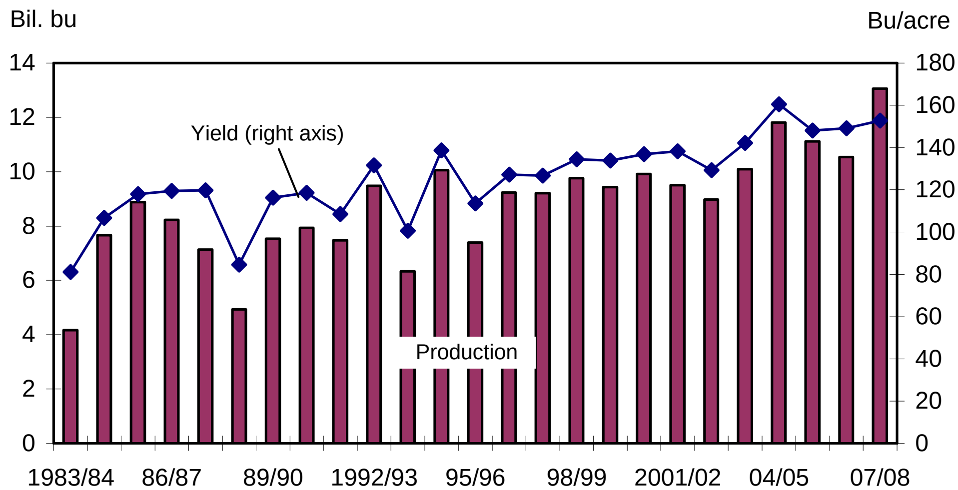
U.S. corn area



Sources: USDA, National Agricultural Statistics Service, *Quick Stats* and USDA, World Agricultural Outlook Board, *WASDE.*

Figure 5

Corn production and yield



Sources: USDA, National Agricultural Statistics Service, *Quick Stats* and USDA, World Agricultural Outlook Board, *WASDE.*

million bushels from the projection for 2006/07, as additional ethanol plants are expected to come on stream, needing more corn. Corn feed and residual use was raised 50 million bushels this month mainly because increased corn yields and higher production can be expected to boost residual use. Higher corn feeding also partly reflects reduced wheat feed use and expected increased pork and poultry production. Projected corn exports are up 150 million bushels this month, and up 50 million bushels from 2006/07 because of decreased global production and expected increases in world corn trade.

Minor changes were made in the third quarter data to true up imports and exports, which changed feed and residual. In addition, late last month, the Census Bureau released trade revisions for the 2006 calendar year, which caused minor changes in the trade estimates and corresponding changes in feed and residual use. Exports in 2005/06 changed from 2,147.339 million bushels to 2,133.812 million. Imports had an even smaller change in 2005/06, going from 8.946 million bushels to 8.806 million. These trade changes caused slight changes in the feed and residual use in 2005/06—from 6,141.328 million bushels to 6,154.715 million.

With higher projected use nearly offsetting increased corn supplies, the forecast price for 2007/08 is unchanged this month at $2.80-$3.40 per bushel. In 2006/07, the season-average price received by farmers is expected to be $3.00 per bushel, down from $3.05 per bushel last month.

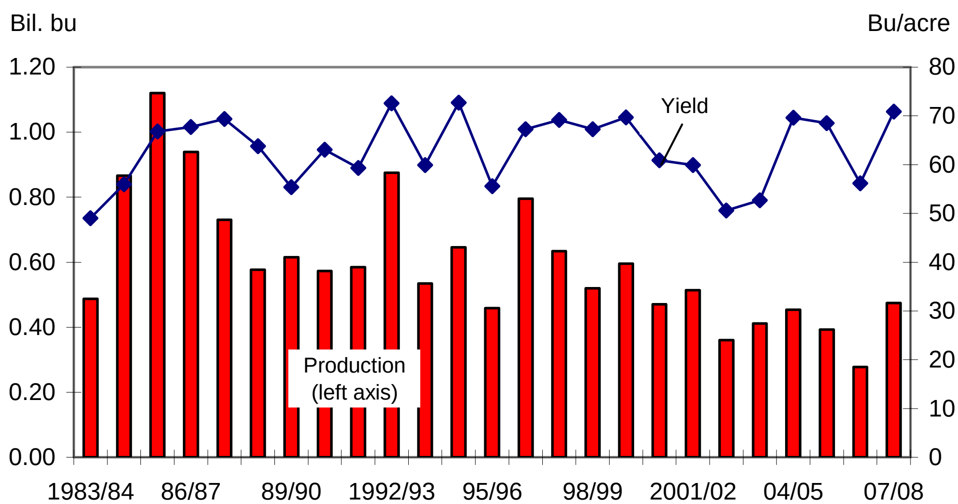
Sorghum Crop Forecast Up 71 Percent From Last Year

The first survey-based forecast for sorghum indicates production of 475 million bushels in 2007, up 45 million from last month and up 197 million from last year. If realized, this would be the largest production since 2001. Plantings and area to be harvested for grain were unchanged from last month. Yields are forecast at 70.9 bushels per acre, up 6.7 bushels per acre from the earlier projection based on a trend yields (1996-2006, excluding 2002 adjusted for rounding in production), and up 14.7 bushels per acre from 2006. Supplies were raised 45 million bushels this month because of increased production.

Total use of sorghum in 2007/07 is expected to be up 40 million bushels from last month. Feed and residual use was unchanged this month but would be up 70 million from the 2006/07 projection. In 2006/07, feed and residual use was lowered 10 million bushels this month as exports were raised a like amount in response to increased demand by the EU-27 for non-GMO feed grains. In 2007/08, exports were increased 40 million bushels this month, and are up 50 million from the forecasted 150 million bushels in 2006/07. In addition, the Census Bureau released trade revisions for the 2006 calendar year late last month, which caused minor changes in the trade estimates and corresponding changes in feed and residual use.

Figure 6

Sorghum production and yield



Sources: USDA, National Agricultural Statistics Service, *Quick Stats* and USDA, World Agricultural Outlook Board, *WASDE.*

In the 2006/07 marketing year, prices received by farmers for sorghum are expected to average $3.30 per bushel, 110 percent of the projected corn price but up from 93 percent in 2005/06. Prices in 2007/08 are projected at $2.60-$3.20 per bushel, 93 to 94 percent of the corn price.

Barley Production Increases

Barley production for 2007 is forecast at 223 million bushels, down 8 million from a month ago, but up 43 million from 2006. Based on August 1 conditions, yields are expected to average 63.1 bushels per acre, down 2.1 bushels per acre from the July forecast , but up 2.1 bushels per acre from last year.

Total barley supplies in 2007/08 were lowered 8 million bushels this month due to a smaller production forecast. Total use was unchanged from last month, and is up 4 million from last year. Ending stocks are also projected down from last month, but up from last year. The Census Bureau issued revised barley trade numbers for 2006, which increased imports and reduced exports for 2006/07, and, in the process, caused minor changes in feed and residual use.

Prices received by farmers for barley in 2007/08 are expected to average $2.75-$3.35 per bushel, compared with $2.85 reported for 2006/07. The barley-to-corn price ratio in 2007/08 is expected to range between 98 and 99 percent, up from the expected 95 percent in 2006/07.

Oats Production Increases, But Still Less Than Imports

The 2007 oats crop is forecast at 98 million bushels, down 3 million from the July forecast, but up 5 million from 2006. The forecast yield, at 61 bushels per acre, is down 1.6 bushels per acre from last month but up 1.5 bushels per acre from last year. Total supplies were lowered this month because production was lower. Total use was unchanged this month, and is up 6 million bushels from 2006/07. Ending stocks were lowered 2 million bushels this month. The Census Bureau issued revised numbers for 2006, which primarily moved some trade from one month to the next, but, in the process, caused minor changes in imports, exports, and feed and residual use. Prices received by farmers in 2007/08 are expected to average $1.60 to $2.20 per bushel, compared with $1.87 in 2006/07.

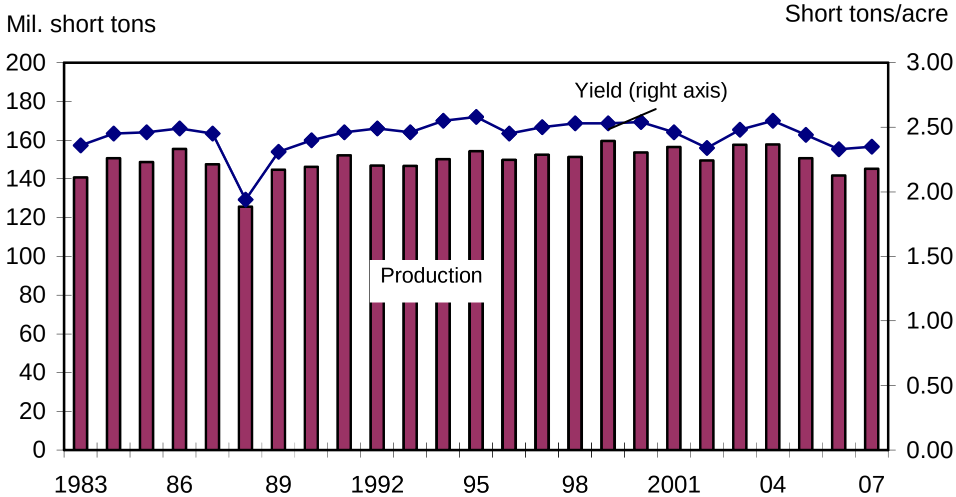
All Hay Production To Increase

All hay production in 2007 is forecast at 145 million tons, up 3.6 million from 2006 because of increased area harvested and yields than last year. The all-hay yield is expected to be 2.35 tons per acre, up from 2.33 tons per acre in 2006. Harvested acres are unchanged from last month at 61.8 million acres, up from 60.8 million last year.

Alfalfa hay production, at 70 million tons, decreased 1.8 million tons from 2006. Forecast yields are 3.26 tons per acre, down from 3.35 tons in 2006. Harvested area is 21.5 million acres, unchanged from June but up 67,000 acres from 2006.

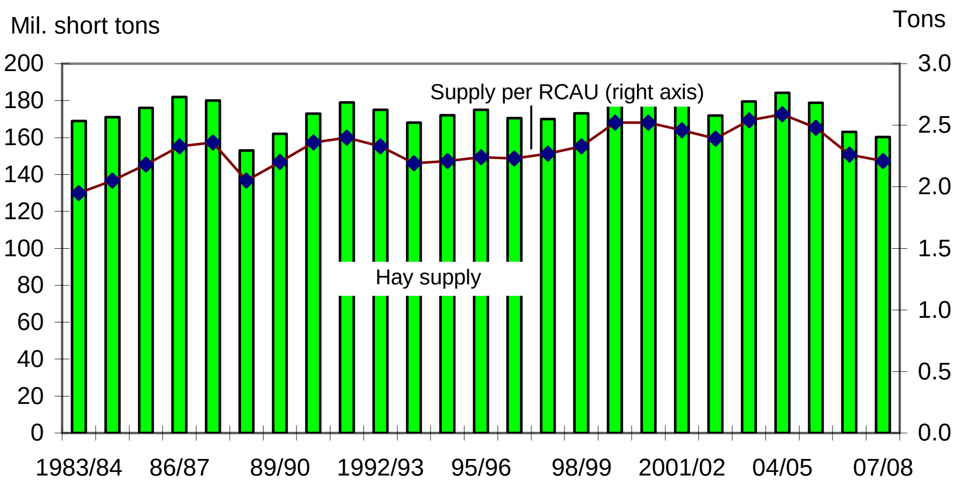
Other hay production is forecast at 75.3 million tons, up 5.3 million from last year. Yields are expected to average 1.87 tons per acre, compared with 1.78 tons last year. Harvested area at 40.3 million acres is up from 39.4 million in 2006.

Figure 7
Hay production and yield



Source: USDA, National Agricultural Statistics Service, *Crop Production.*

Figure 8
Hay supplies and supplies per RCAU



Source: USDA, National Agricultural Statistics Service, *Crop Production* and calculated by USDA, Economic Research Service.

Roughage-consuming animal units (RCAU) in 2007/08 are estimated to be up 339,000 units from 2006/07. With hay production and RCAUs up, but beginning hay stocks down, hay supply is down from last year and supply per RCAU is 2.21 tons, compared with 2.26 tons in 2006/07.

The weighted average price received by farmers for all hay was $109.00 per ton in 2006/07, up from $98.20 in 2005/06. The alfalfa hay price in 2006/07 was $113.00 per ton, compared with $104.00 in 2005/06. The weighted average price received by farmers for hay other than alfalfa and alfalfa mixtures was $95.00 per ton in 2006/07, up from $81.40 in 2005/06.

International Outlook

World Coarse Grains Production Prospects Cut This Month

World coarse grains production projected for 2007/08 was cut 6 million tons this month to 1,060 million. Foreign production prospects dropped 12 million tons, swamping a 6-million-ton increase in forecast U.S. output. Corn accounted for most of the decline in forecast world coarse grains production, down 6 million tons to 772 million tons, with forecast foreign production dropping 11 million tons. Global barley production projections were reduced nearly 2 million tons to 139 million, but sorghum increased due to higher forecast production for the United States.

EU-27 corn production prospects were slashed 6.8 million tons to 48.4 million as extreme heat and dryness caught corn pollinating in southeastern Europe. Corn production prospects plummeted for Hungary, Romania, and Bulgaria. These declines more than offset a small improvement in prospects for France, where growing conditions were favorable. Corn production prospects were also cut for non-EU countries in southeastern Europe, with Serbia down 2.1 million tons to 4.2 million, Croatia down 0.5 million to 1.8 million, Bosnia down 0.3 million to 0.65 million, and Moldova down 0.3 million to 0.7 million. Hot dry weather also bedeviled corn production in the Southern production areas of Russia, reducing corn production prospects 1.0 million tons to 3.5 million.

World barley production prospects for 2007/08 declined because of reductions for Ukraine and Canada. In Ukraine, harvest reports for spring barley indicate that dry hot growing conditions cut production prospects 1.3 million tons to 6.2 million. In Canada, conditions turned hot and dry in July in Alberta and parts of Saskatchewan, cutting yield potential and trimming projected production 0.5 million tons to 11.5 million.

Global Coarse Grains Use Projection Little Changed, Stocks Cut

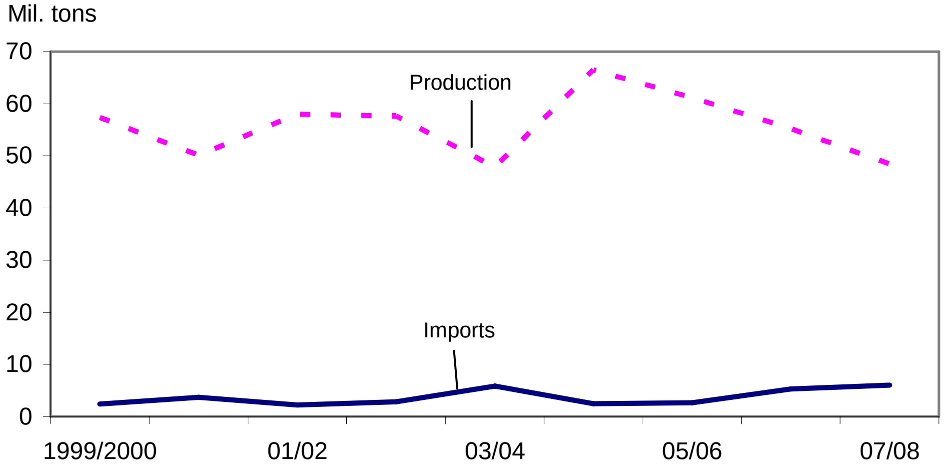
World coarse grains disappearance in 2007/08 is projected to reach a record 1,059 million tons, virtually unchanged this month. Increased U.S. use nearly offsets a 1.6-million-ton decline in foreign consumption. Corn feed use forecast for 2007/08 was reduced this month for Serbia, Russia, Croatia, and other countries. The EU-27 is expected to increase imports and maintain coarse grains use at a relatively high level despite high prevailing prices.

With world coarse grains production reduced and use virtually unchanged this month, projected 2007/08 ending stocks are down 6 million tons to 131 million. This is only a small increase from the projected beginning stocks of 130 million tons, which were the lowest global coarse grains stocks since 1977/78. Even with a record U.S. corn crop, world coarse grains stocks are expected to remain tight in 2007/08. During 2007/08, U.S. coarse grains stocks are forecast to increase 10 million tons to 43 million, but foreign ending stocks at 88 million tons are projected 9 million lower than beginning stocks.

The largest drop in foreign coarse grains ending stocks this month is for the EU-27, down 4.2 million tons to 11.8 million. By the end of 2007/08, virtually all

Figure 9

EU-27's corn production and imports



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

intervention stocks in the EU-27 are expected to be liquidated. Brazil's ending stocks are forecast down 1.5 million tons to 5.9 million due to increased export prospects. Increased exports are also trimming Argentina's expected coarse grains stocks by 0.5 million. Reduced production is expected to cut FSU-12, (Former Soviet Union) coarse grains ending stocks 0.65 million tons.

World Corn Trade To Hit Consecutive Records, Boosting U.S. Exports

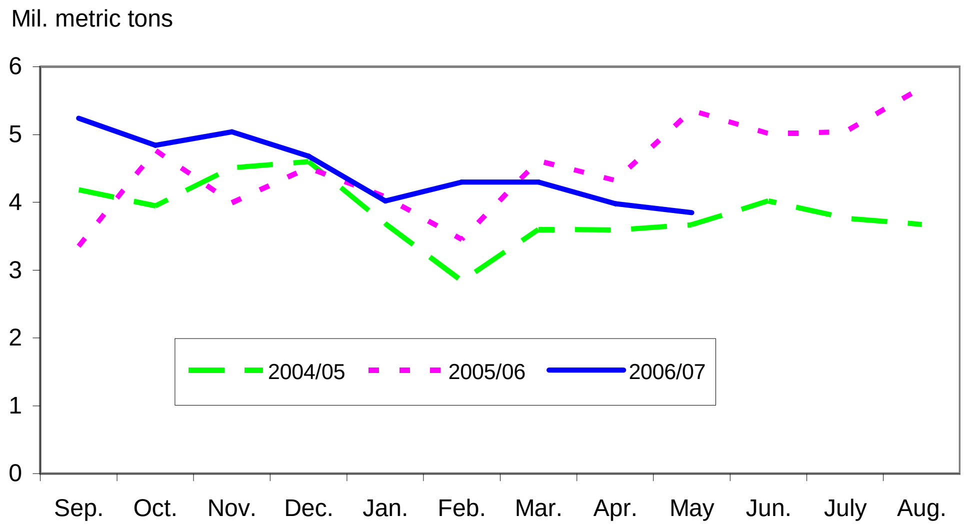
World corn trade in 2006/07 is forecast to reach a record 84.7 million tons despite prevailing high prices. This is up nearly 1.0 million tons this month due to increased imports for Venezuela, Egypt, Morocco, and other countries. Exports from Brazil and Argentina were increased due to the strong pace of shipments.

World corn trade in 2007/08 is projected to top the expected 2006/07 record, reaching 86.7 million tons, up 3 million this month. Most of the increase is for the EU-27, up 2.5 million tons this month to 6.0 million. With sharply reduced domestic grains supplies, and limited alternative feeds available, the EU-27 is expected to buy corn aggressively, especially from non-GMO origins like Brazil. Other countries with increased corn imports projected this month include Egypt, Venezuela, and Russia.

With the EU-27 increasing purchases from South America, the United States is expecting to have less competition in most other markets. Due to limited supplies, Brazil's corn exports for 2007/08 were increased only 0.5 million tons to a record 7.0 million. U.S. corn exports projected for 2007/08 (October-September) are up 3.5 million tons this month to 54.5 million. U.S. exports for the 2007/08 September-August local marketing year are up 150 million bushels to 2,150 million. According to *U.S. Export Sales*, as of August 2, 2007, corn sales for the next marketing year were 8.0 million tons, more than double the 3.95 million a year ago.

The EU-27 import demand for coarse grains is also boosting prospects for sorghum exports in both 2006/07 and 2007/08. Sorghum exports in 2006/07 were boosted 0.3 million tons for Argentina to 0.9 million, and 0.2 million tons for the United States to 4.0 million. Projections for U.S. 2007/08 sorghum exports increased 0.9 million tons to 5.0 million as increased production facilitates increased exports. Argentina's 2007/08 sorghum exports were also increased.

Figure 10
Monthly U.S. corn exports



Source: USDC, Bureau of the Census at http://www.usatradeonline.gov/.

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/2007/08-07/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	2.58
Dec-Feb	8,933	---	2	8,934	818	1,536	513	2,866	6,068	3.14
Mar-May	6,068	---	5	6,074	918	1,144	478	2,540	3,534	3.44
Mkt. yr.	1,967	10,535	10	12,512	3,525	5,750	2,100	11,375	1,137	3
2007/08										
Mkt. yr.	1137	13053.6	15	14205.6	4790	5750	2150	12690	1515.65	2.80-3.40
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	2.98
Dec-Feb	212.19	---	0.04	212.23	13.23	9.28	47.50	70.01	142.22	3.54
Mar-May	142.22	---	0.00	142.22	13.84	18.63	34.88	67.34	74.88	3.57
Mkt. yr.	65.66	277.54	0.04	343.24	45.00	110.00	150.00	305.00	38.24	3.30
2007/08										
Mkt. yr.	38.24	474.96	0.00	513.20	65.00	180.00	200.00	445.00	68.20	2.60-3.20

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
2004/05										
June-Aug	120	280	5	405	41	71	2	115	290	2.68
Sep-Nov	290	---	4	294	35	7	6	48	246	2.40
Dec-Feb	246	---	1	247	35	15	7	57	191	2.41
Mar-May	191	---	2	192	47	9	8	64	128	2.41
Mkt. yr.	120	280	12	412	158	103	23	284	128	2.48
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	55	20	231	69	2.85
2007/08										
Mkt. yr.	69	223	15	307	155	60	20	235	72	2.75-3.35
Oats										
2004/05										
June-Aug	65	116	16	197	16	65	0.6	81	116	1.37
Sep-Nov	116	---	26	142	17	19	0.8	37	105	1.44
Dec-Feb	105	---	26	131	16	32	0.7	49	82	1.64
Mar-May	82	---	22	104	25	20	0.6	46	58	1.68
Mkt. yr.	65	116	90	271	74	136	2.7	213	58	1.48
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	253	74	125	3	201	51	1.87
2007/08										
Mkt. yr.	51	98	105	255	75	130	2.0	207	48	1.60-2.20

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	166.2	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	0.8	40.9		
Mar-May	29.1	0.5	0.0	0.3	29.9	-1.7	28.2		
Mkt. yr.	146.1	2.8	1.3	2.1	152.3	3.1	155.4	91.8	1.69
2007/08									
Mkt. yr.	146.1	4.6	1.1	1.6	153.4	11.3	164.6	91.6	1.80

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
2003/04	2.60	3.03	NQ	NQ	1.83	2.85	NQ
2004/05	1.87	2.44	3.87	4.23	1.74	2.46	1.88
2005/06 3/	1.98	2.65	3.76	4.88	1.70	2.70	1.98
Monthly:							
2006							
Mar.	2.04	2.67	3.84	4.96	1.70	2.84	1.97
Apr.	2.18	2.74	3.69	5.18	1.70	2.90	2.00
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
2007							
Mar.	3.76	3.81	6.88	7.78	3.25	4.20	2.84
Apr.	3.36	3.88	6.28	6.55	3.33	4.26	2.82
May	3.52	4.07	6.29	6.98	3.42	4.42	2.76
June 3/	3.68	4.20	6.43	8.30	3.53	4.53	2.90

1/ Marketing year beginning September 1.

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

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

Table 4--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
Mkt. year	510.0	240.0	275.0	2,150.0	136.0	190.4	3,501.4
2007/08							
Mkt. year	515.0	243.0	280.0	3,400.0	136.5	192.8	4,767.3

Source: Calculated by USDA, Economic Research Service.

Table 5--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.								
2003/04	260.06	182.87	83.24	327.30	216.39	118.50	75.78	90.80
2004/05	187.80	125.92	52.60	267.78	165.09	75.15	37.40	98.60
2005/06 3/	174.73	144.36	55.45	273.50	150.53	86.56	63.22	104.00
Monthly:								
2005/06								
Mar.	175.04	148.75	61.63	263.75	170.11	95.00	75.43	100.00
Apr.	174.64	144.38	57.88	250.63	149.70	95.00	50.21	108.00
May	175.77	131.50	60.38	251.70	139.69	92.00	49.20	117.00
June	177.66	135.00	58.25	250.00	145.46	87.00	61.95	115.00
2006/07								
Mar.	205.26	185.50	84.94	361.50	220.09	130.88	96.75	120.00
Apr.	189.37	148.25	72.82	363.33	213.55	131.00	62.90	128.00
May	198.66	137.00	59.50	344.00	204.26	105.00	57.43	144.00
June 3/	229.70	131.25	62.25	352.75	217.01	105.00	50.75	137.00

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

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 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/					
2003/04	17.11	13.08	21.79	12.48	13.03
2004/05	15.95	11.88	23.06	13.07	12.07
2005/06 2/	15.70	11.64	23.68	12.89	12.18
Monthly					
2006					
Apr.	16.07	11.97	24.10	13.00	12.52
May	16.64	12.53	24.10	13.00	12.91
June	15.34	11.82	24.10	13.00	12.94
July	15.87	11.76	24.10	13.00	12.82
2007					
Apr.	19.02	14.92	28.35	15.88	16.69
May	18.99	14.89	28.35	15.88	15.52
June	19.23	15.12	28.02	15.88	16.00
July 2/	17.82	13.72	28.35	15.88	16.75

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	------2004/2005------		------2005/2006------		2006/2007
	Mkt. yr.	June-May	Mkt. yr.	June-May	June-May
Oats:			Thousand tons		
Canada	1,223	1,223	1,367	1,367	1,818
Finland	252	252	137	137	
Sweden	80	80	67	67	12
Total 1/	1,557	1,557	1,572	1,572	1,831
Barley, malting:					
Canada	183	183	88	88	232
Total 1/	205	205	89	89	232
Barley, other: 2/					
Canada	59	59	28	28	31
Total 1/	59	59	28	28	31

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	------2004/05--------		------2005/06--------		2006/2007
	Mkt. yr.	Sept.-May	Mkt. yr.	Sept.-May	Sept.-May
	1,000 metric tons				
Corn					
Japan	15,511	11,535	15,950	11,609	10,722
Mexico	5,885	4,729	6,336	4,961	7,462
South Korea	2,102	1,378	5,587	3,617	2,781
China (Taiwan)	4,339	3,359	4,652	3,774	3,071
Egypt	3,854	2,738	4,045	2,495	2,388
Colombia	2,044	1,507	2,704	1,954	2,378
Canada	2,375	1,892	1,882	1,294	1,409
Algeria	1,073	761	1,235	861	783
Morocco	825	650	1,094	754	627
Dominican Republic	989	664	1,035	735	965
Indonesia	43	43	965	530	102
Syria	1,291	933	829	529	1,153
Guatemala	656	473	718	531	574
Costa Rica	547	425	682	496	496
Israel	423	342	620	322	757
Saudi Arabia	137	137	564	264	306
El Salvador	511	384	499	416	419
Cuba	450	355	422	336	342
Peru	232	154	421	206	212
Tunisia	209	140	394	295	409
Honduras	322	233	353	250	280
Ecuador	321	321	339	281	390
Panama	298	230	332	242	249
Jordan	299	163	319	186	320
Chile	0	0	299	58	298
All other countries	1,443	1,163	1,925	1,460	1,423
World	46,181	34,711	54,201	38,456	40,314
Sorghum					
Mexico	3,016	2,553	3,138	2,686	1,400
Japan	1,147	899	1,161	910	617
Sub-Saharan Africa	301	165	491	352	389
European Union-27	169	169	67	41	586
All other countries	42	35	79	77	24
World	4,675	3,822	4,936	4,067	3,018
	-----2005/2006------		------2006/2007------		
	Mkt. yr.	Jun.-May	Mkt. yr.	Jun.-May	
Barley					
Mexico	179	179	293	293	
Japan	32	32	49	49	
Canada	49	49	40	40	
Tunisia	59	59	22	22	
All other countries	287	287	38	38	
World	606	606	441	441	

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/.