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Feed Outlook

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Feed Grains Production Up in 2009, Prices Weaken

Contents

Tables

Web Sites

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Grain Circular
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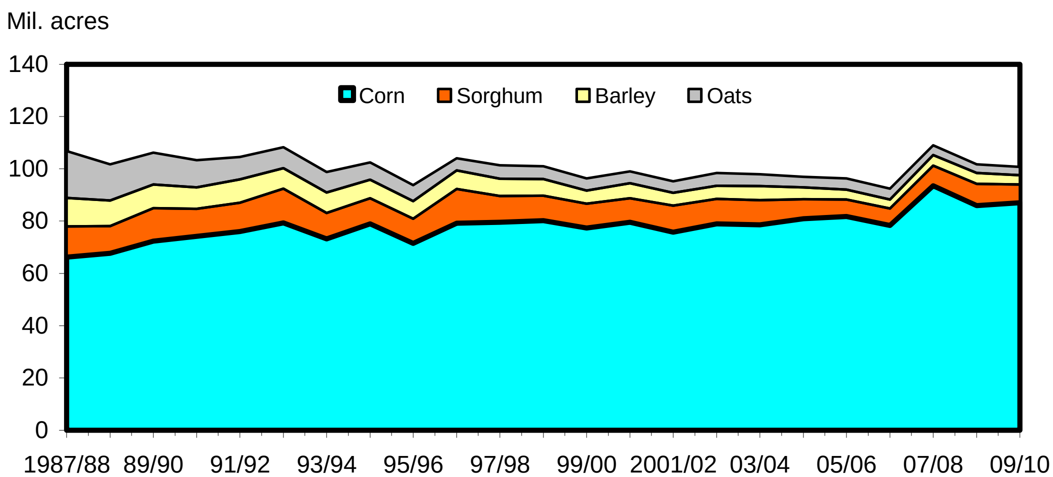
The next release is August 14, 2009.

Approved by the World Agricultural Outlook Board.

U.S. feed grain production in 2009 is expected to be up from 2008 because of increased acreage. The June 30 Acreage report showed planted and harvested area to be up from last year for corn, but down for sorghum and barley. Planted area for oats was down slightly but harvested area was up. Adjustments are made in 2008/09 use this month to reflect June 1 stocks. The resulting changes raise 2008/09 ending stocks and 2009/10 supplies. Forecast 2009/10 prices for all four feed grains are lowered this month as feed grain ending stocks are projected higher. U.S. corn and sorghum exports for 2008/09 are increased this month based on strong recent sales. Corn export prospects for 2009/10 are also increased as lower expected prices enhance competitiveness.

Figure 1

Planted area for U.S. corn, sorghum, barley, and oats



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

Domestic Outlook

Feed Grains Production Prospects Up in 2009/10

U.S. feed grain production in 2009/10 is projected at 327.6 million metric tons, up 8.6 million tons from a month ago and up 1.7 million from 2008. The June 30 *Acreage* report showed planted acres increased from earlier intentions for corn, but decreased slightly for oats and barley. Sorghum planted area remains unchanged. The first survey-based production forecast for barley is down 22 million bushels from the previous projection, which was based on trend yields and intended plantings. The lower barley production forecast reflects lower harvested area and yields. The first survey-based oats production forecast is up 1 million bushels from the June projection, reflecting slightly higher harvested area and yields. The U.S. Department of Agriculture (USDA) will make its first survey-based forecasts for corn and sorghum in the August 12 *Crop Production* report.

Feed grain supply in 2009/10 is projected at 379.9 million metric tons, up 12.7 million from last month and up 6 million tons from 2008/09. Feed grain imports are increased 100,000 tons from last month but are down by 22,000 tons in 2008/09. Beginning stocks in 2009/10 were increased 4.1 million tons this month to 49.4 million because of lower use in 2008/09.

Projected total use of feed grains in 2008/09 is decreased 4.1 million tons this month, reflecting lower-than-expected feed and residual use, food and industrial use, and ethanol production. Ending stocks for 2008/09 are projected at 49.4 million tons, up 4.1 million tons from last month and up 4.3 million tons from 2007/08.

Feed and residual use of all feed grains in 2009/10 is expected to total 139.4 million metric tons and account for 41 percent of total use. When converted to a September-August marketing year, feed and residual use for the four feed grains plus wheat is projected to total 144.3 million tons, down from the 2008/09 forecast of 146.6 million. Corn is projected to account for 92 percent of total grain feed and residual use, up from a forecast 91 percent in 2008/09.

The index of grain-consuming animal units (GCAUs) for 2009/10 is expected to be down 1.8 million units from the 2008/09 forecast of 92.9 million units. The grain used per GCAU would be 1.58 tons, unchanged from 2008/09. In the index components, GCAUs for all types of poultry are up, while those for the other categories are down slightly, with cattle on feed being down the most.

Cattle on feed in feedlots with capacity of 1,000 or more head totaled 10.4 million head on June 1, 2009. The inventory was 4 percent below June 1, 2008. Thus, current feed use by cattle in feedlots is expected to decline in 2010. Beef production in 2010 is forecast at 26 billion pounds, down from 26.3 billion in 2009. In addition, some of the feed needs may be satisfied by increased use of distiller's spent grains produced by the expanding ethanol industry.

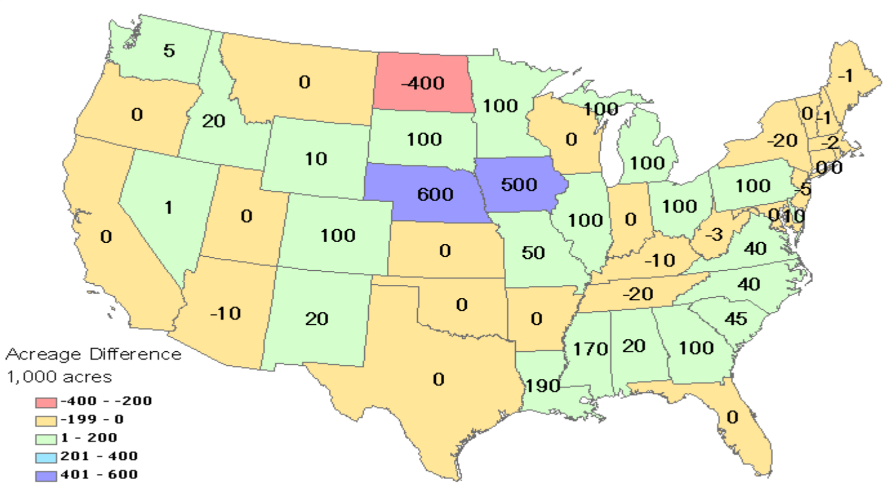
Pork production in 2010 is expected to decrease 1 percent from the 22.8 billion pounds expected in 2009. Hog farmers responding to the June 2009 survey intend to have 2.97 million sows farrow during the June-August 2009 quarter, down 3 percent from the actual farrowings during the same period in 2008, and down 5 percent from 2007. Intended farrowings for September-November 2009, at 2.96 million sows, are down 2 percent from 2008 and down 7 percent from 2007. This slower-than-expected decline in farrowing intentions and continued gains in pigs per litter result in larger supplies of slaughter hogs in 2010. In addition, lower forecasted feed prices, compared with last month, supports heavier carcass weights and increased feed use for 2009/10.

The broiler production forecast for 2010 is also raised as lower feed prices are expected to aid in producer returns. Broiler production in 2010 is expected to increase 1.5 percent from the projected 2009 production. Forecast turkey production in 2010 is up 2 percent from 2009. Egg producers are expected to produce 7.6 billion dozen eggs in 2010, up 1 percent from the projected 2009 output. Milk production in 2010 is forecast at 186.4 billion pounds down from 187.6 billion pounds expected in 2009. These forecast decreases in 2010 production will likely decrease feed use.

Corn Production To Increase in 2009/10

The projection for 2009/10 corn production was increased 3 percent from last month as a result of increased plantings. Producers increased plantings 2 million acres from their March intentions to 87 million acres, up from 86 million in 2008. Harvested area increased 2.3 million acres this month to 80.1 million acres. The largest increase was recorded in Nebraska where growers planted 600,000 more acres of corn than last year. Other notable increases were shown in Iowa, up 400,000 acres; Missouri, up 300,000 acres; and South Dakota, up 250,000 acres from a year ago.

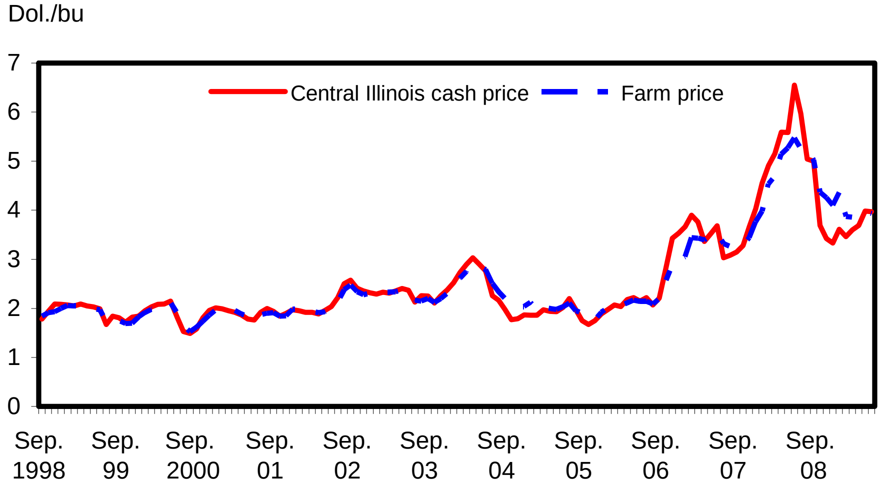
Figure 2
U.S. Planted Acreage Less Prospective Planting Intentions for Corn, 2009
1,000 Acres



Source: Prospective Plantings Report, USDA NASS, March 2009
Acreage Report, USDA NASS, June 2009

Figure 3

U.S. corn: Central Illinois cash and average farm price, monthly



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

The largest year-to-year decline occurred in North Dakota where corn planted acreage is down 650,000 acres. The national average yield projection remains unchanged from last month at 153.4 bushels per acre, down slightly from 153.9 bushels per acre in 2008/09. As of July 5, 71 percent of the corn crop was rated in good to excellent condition, up from 62 percent last year.

Projected corn use for 2009/10 is up 65 million bushels this month to 12.525 billion bushels. Feed and residual use was increased 50 million bushels to 5.2 billion this month, as lower corn prices and greater supplies help boost feed demand for 2009/10. Food, seed, and industrial (FSI) use of corn in 2009/10 is expected to total 5.375 billion bushels, down 35 million bushels from last month and representing 43 percent of total use. FSI use in 2009/10 is expected to decrease from last month as high fructose corn syrup, glucose and dextrose, and starch production are all projected lower as continued weakness in the economy limits demand for these products. Corn use projections for beverage and manufacturing, as well as, cereal and other products are unchanged from last month. Expected corn use for ethanol also remains unchanged this month. Exports for 2009/10 were increased by 50 million bushels to 1.95 billion bushels, as lower prices make U.S. corn supplies more favorable on the world market. As a result, 2009/10 ending stocks were projected 460 million bushels higher at 1.55 billion.

For 2008/09 projected corn use is down 170 million bushels from last month to 12.0 million bushels. Feed and residual is lowered 100 million bushels from last month to reflect lower-than-expected third-quarter (March-May) disappearance as indicated in the June 30 Grain Stocks report. FSI use is lowered 120 million bushels this month, which is mainly attributable to a 100-million-bushel decrease in corn used for ethanol production. The decline in corn prices have boosted ethanol producer margins. However, reduced production of gasoline blends with ethanol in May and June, based on the most recent weekly data, indicate lower-than-expected ethanol corn use. Exports were raised 50 million bushels based on recent increases in shipments and the high level of outstanding sales for the 2008/09 marketing year.

With 2009/10 ending stocks projected sharply higher this month, prices are projected lower. The marketing-year average farm price for 2009/10 is projected at $3.35 to $4.15 per bushel, down 55 cents on both ends of the range. The 2008/09 marketing-year average price is expected to be $3.95 to $4.15 per bushel, down from a record $4.20 per bushel in 2007/08.

Sorghum Prospects Down From Last Year

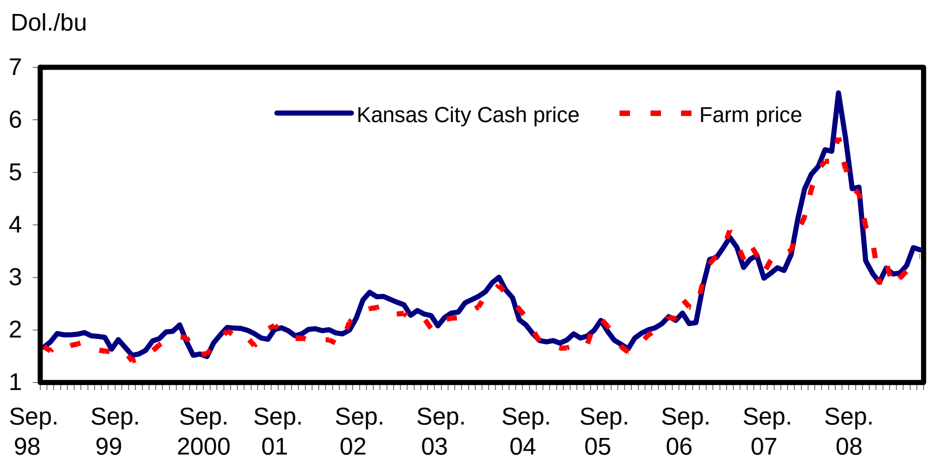
Sorghum production in 2009 is projected at 380 million bushels, which remains unchanged from last month but down 92 million bushels from last year, as producers in Texas decreased their planted area by 25 percent. Sorghum planted and harvested acreage is forecast at 7 million and 6 million acres, respectively. These estimates remain unchanged from the March intentions. The projected yield is decreased slightly from last month to 63.7 bushels per acre, reflecting rounding in the production projection. As of July 5, 50 percent of the sorghum crop was rated in good to excellent condition.

Sorghum supplies in 2009/10 are expected to decrease from last month because of decreased production. For 2009/10, total use was lowered 10 million bushels from last month because of decreased expected supplies. The decrease was reflected in feed and residual use.

For 2008/09, feed and residual was raised 10 million bushels because of increased use indicated by the June 1 stocks. Exports were also raised 5 million bushels to 135 million for 2008/09, as export prospects to Mexico remain favorable. As a result, ending stocks for 2008/09 are lowered 15 million bushels this month to 50 million bushels.

Figure 4

U.S. sorghum: Kansas City cash and average farm price, monthly



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

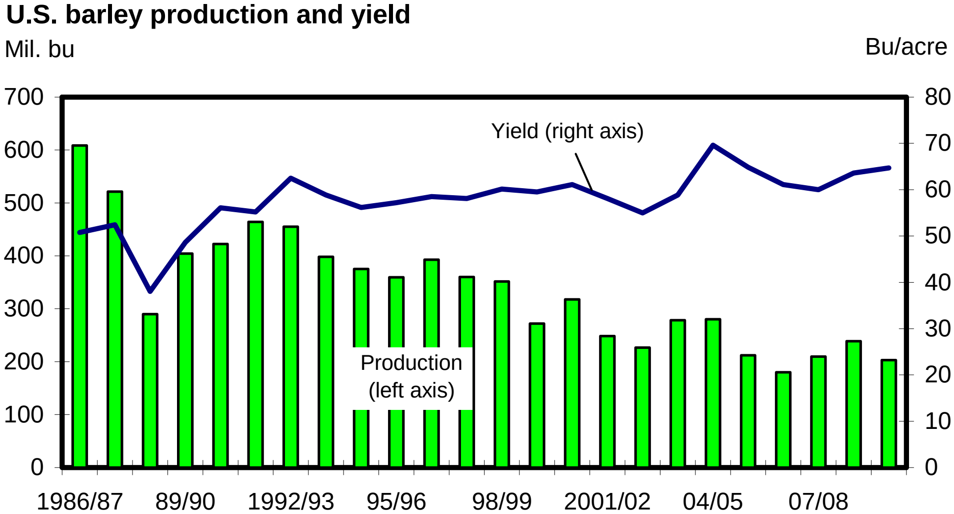
The forecast price for sorghum in 2009/10 is $2.85 to $3.55, which is 85 to 86 percent of the corn price. The season average farm price for sorghum, unlike corn, is not significantly impacted by forward contracting and thus is projected lower than corn for 2009/10. The projected price for 2008/09 is $3.10 to $3.30 per bushel.

Barley Production Down in 2009/10

The first survey-based forecast of 2009 barley production is 203 million bushels, down 22 million from the previous projection and down 36 million from the 2008 crop. Planted area was down 326,000 acres from earlier intentions and down 610,000 acres from 2008, as soggy field conditions in April and early May hampered barley seeding in the Northern High Plains area. Harvested acres are estimated at 3.1 million acres and are down 17 percent from 2008. Average barley yields are forecast at 64.7 bushels per acre, down from last month's trend-based projection of 65.4 bushels.

Total barley use in 2009/10 is projected to be down 15 million bushels from last month and down 5 million from 2008/09. Projected decreased use from last month is in feed and residual use, which is down 6 million bushels from 2008/09. Imports in 2009/10 were raised 5 million bushels this month as a result of lower production, but are up 1 million bushels from the prior marketing year. Small changes were made in 2008/09, reflecting the June 1 *Grain Stocks*, which finished the marketing year for barley. Imports were lowered 1 million bushels due to shipments to date. Feed and residual use was raised 1 million bushels and food, seed, and industrial use was lowered 1 million bushels. Ending stocks were reported at 89 million bushels, down from the earlier estimate of 90 million.

Figure 5
U.S. barley production and yield



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

Prices received by farmers for barley in 2009/10 are expected to average $3.65 to $4.35 per bushel. The 2008/09 season average price for barley was raised 17 cents to $5.37 per bushel, due to historical revisions in monthly prices from the National Agricultural Statistics Service. The spread between malting barley and feed barley prices is projected to be larger in 2010, as contract prices for malting barley were relatively high this past spring. In 2008/09, the spread was $1.89 vs. -0.48 cents in 2007/08.

Oats Production To Decline in 2009

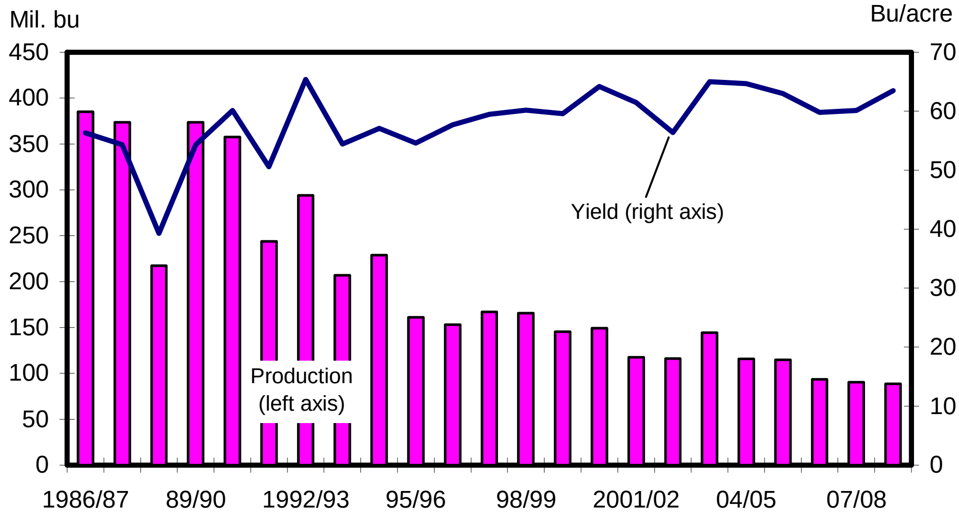
Oats production is forecast at 91 million bushels in 2009, according to the first survey results, down 1 million bushels from last month's projection, but up 2 million from 2008. Planted acres are down 242,000 acres from the March intentions, and harvested acres are unchanged from last month's projection. Yields are forecast at 64 bushels per acre, down 0.2 bushels from the trend yield used last month but up 0.5 bushels from 2008. As of July 5, 59 percent of the crop was rated in good to excellent condition.

Beginning stocks for oats are estimated at 84 million bushes for 2009/10, up 8 million bushels from last month based on June 1 stocks. With increases in supply, total use in 2009/10 was increased 5 million this month, resulting in 8 million-bushel increase in ending stocks.

For 2008/09, feed and residual use was lowered 11 million bushels to account for reported June 1 ending stocks, which raised ending stocks to 84 million bushels for 2008/09 this month. Oats farm prices were projected at $1.95 to $2.75 per bushel for 2009/10, which was lowered 35 cents on both end of the range, as prices for all feed grains have declined with increasing supplies. In 2008/09, the season average farm price for oats was $3.15 per bushel.

Figure 6

U.S. oats production and yield



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

Harvested Hay Acreage To Increase

Producers expect to harvest 60.2 million acres of all hay in 2009, up slightly from 2008. Expected harvested area of alfalfa and alfalfa mixtures, at 21.0 million acres, is up 2,000 acres from 2008. The largest decreases are expected in Iowa, Minnesota, and North Dakota, all down 100,000 acres or more from last year. Expected area for harvest of all other types of hay totals 39.2 million acres, up slightly from 2008.

Harvested area for alfalfa and alfalfa mixtures is expected to increase or remain unchanged from last year in all States except New Mexico, North Dakota, and Oklahoma. However, the increases out West are nearly offset by scattered declines throughout the Eastern U.S. Compared with last year, area harvested for all other types of hay is expected to increase by 100,000 acres or more in Minnesota, Mississippi, Nebraska, Oklahoma, and Texas. However, large decreases of 200,000 acres or more are expected in Kentucky, Missouri, and North Dakota.

International Outlook

World Coarse Grain Production Increases Mostly on U. S. Corn

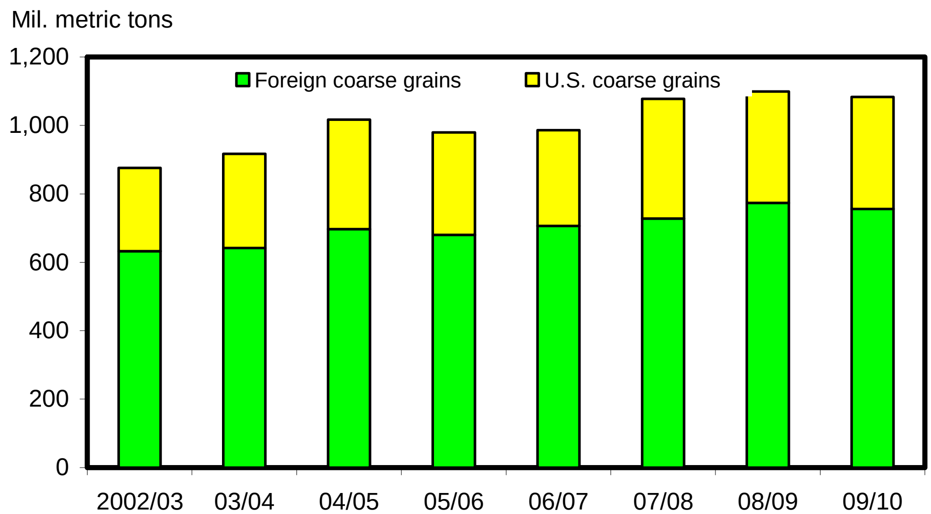
World coarse grain production for 2009/10 is projected up 8.9 million tons this month due to increased U.S. corn production, but foreign changes are mostly offsetting, boosting global coarse grain production only 0.3 million tons.

European Union (EU) coarse grain production is projected up 0.9 million tons to 149.0 million. Mixed grain production in the EU is up 1.2 million tons to 14.2 million mostly because of increased area and good growing conditions in Poland. EU rye production is projected up 0.4 million tons this month to 9.0 million mostly due to increased area reported for Poland and Denmark. EU barley is down 0.3 million tons to 60.7 million as increases for Denmark, France, and Finland are more than offset by declines in prospects for Germany, Hungary, Romania, Austria, Slovakia, and Spain. EU oats production is also down 0.3 million tons this month mostly because of lower area reported for Finland and others. EU corn is projected down slightly with mostly offsetting changes. A 1.2-million-ton increase for France based on increased planted area is more than offset by poor crop conditions in Italy, Romania, and others.

Coarse grain production the former Soviet Union (FSU) is raised slightly this month, with a 0.2 million-ton increase in forecast barley production in Ukraine based on increased reported area. Russia barley production is raised 0.5 million tons also on higher reported area, but a 0.5-million-ton reduction in expected corn production based on lower area is offsetting. In Kazakhstan, barley planted area was reported lower than expected, reducing production prospects slightly.

Figure 7

Coarse grain production



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

Partly offsetting the aforementioned increases are reduced production prospects for Canada and the Philippines. A cold dry spring, especially in Alberta, has reduced barley and oats production prospects in Canada, cutting projected 2009/10 coarse grains production 0.65 million tons to 23.7 million. Philippines corn area was reported slightly lower for both 2008/09 and 2009/10, slightly reducing production in both years.

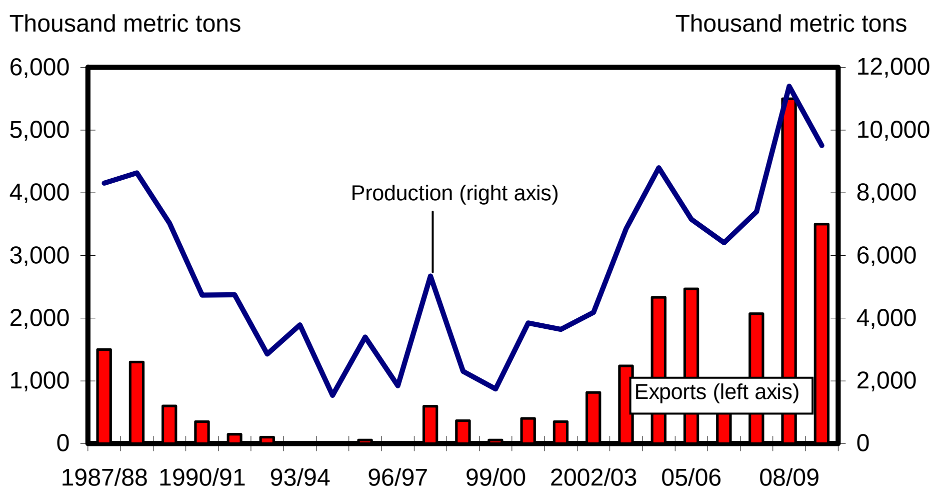
Global coarse grains supplies for 2009/10 are boosted this month by increased beginning stocks, but the increase is concentrated in U.S. corn, with foreign coarse grains beginning stocks virtually unchanged at 137.2 million tons. However, foreign corn beginning stocks are up 1.0 million tons this month, while barley is down 0.5 million and oats are reduced 0.3 million. Corn beginning stocks are up 0.5 million tons for Brazil as reduced export prospects for 2008/09 more than offset a decline in production. China's coarse grain beginning stocks for 2009/10 are up 0.5 million tons mostly because of an increase in estimated 2008/09 corn production. Barley beginning stocks for 2009/10 in Russia are down 0.6 million tons to 3.7 million due to the recent strong pace of exports. EU 2009/10 beginning oats stocks are reduced 0.3 million tons due to lower estimated 2008/09 production.

Consumption Projections Little Changed, Ending Stocks Increase

Global coarse grain use projected for 2009/10 is virtually unchanged this month at 1,091 million tons. Ukraine's use is down 0.7 million tons as meat production prospects are weaker and exports increased. Canada expected use is reduced 0.3 million tons due to trimmed production prospects. Partly offsetting are small increases for the EU, Venezuela, and Russia.

Figure 8

Ukraine corn production and exports



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

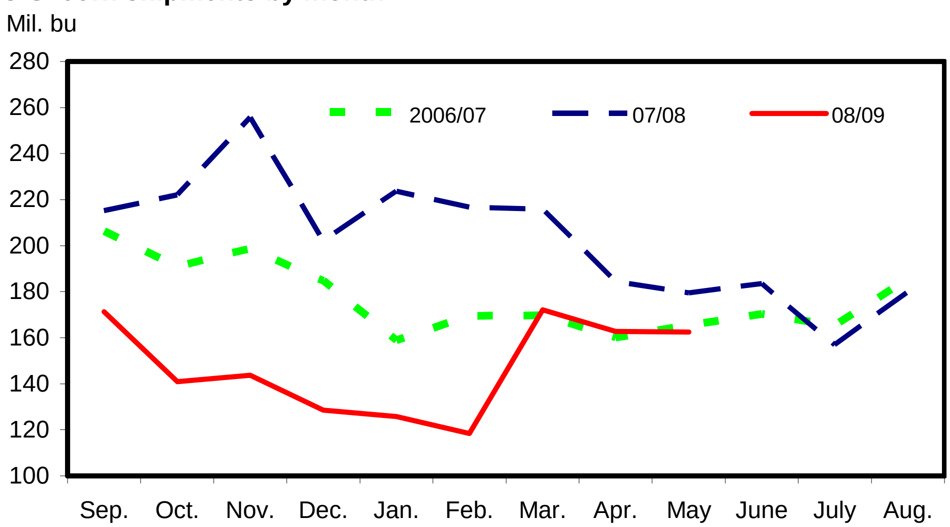
World coarse grains ending stocks for 2009/10 are up 13.3 million tons this month to 179.0 million. Most of the increase is in the United States, with foreign ending stocks increased 1.7 million tons to 135.5 million. The largest increase is for Brazil, up 1.5 million tons to 9.2 million. Brazil's corn export prospects are reduced for both 2008/09 and 2009/10 as U.S. corn prices are projected significantly lower, making it less attractive for Brazil to compete in export markets. Ukraine's ending stocks are projected up 0.6 million tons this month as increased supplies and reduced domestic use more than offset increased export prospects. EU coarse grains ending stocks are up slightly. These increases are partly offset by reduced stocks prospects for Russia, Canada, Philippines, and Kazakhstan.

U.S. Corn Exports and World Coarse Grains Trade Increased for Both 2008/09 and 2009/10

Global coarse grains trade (October-September) forecast for 2008/09 is up 1.7 million tons to 106.2 million, and projected 2009/10 trade is increased 0.6 million tons to 107.4 million this month. Corn trade is increased 1.0 million tons for 2008/09 and 0.5 million for 2009/10.

Figure 9

U.S. corn shipments by month



Source: USDA, Economic Research Service, *Feed Grains Database.*

Global barley trade for 2008/09 is up 0.5 million tons this month to 19.0 million, with increased exports by Russia. Barley imports are increased for Saudi Arabia and China.

World 2008/09 sorghum trade is increased 0.2 million tons this month to 5.6 million. Mexico's imports are increase 0.2 million tons to 2.5 million, and U.S. exports are up a like amount to 3.5 million based on recent sales.

Corn imports for 2008/09 are increased for Mexico, up 0.4 million tons to 7.4 million, based on strong purchases from the United States. The pace of recent shipments also boosted import prospects for Venezuela, Kenya, and the Philippines.

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/2009/07-09/graintoc.asp)
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
2006/07										
Sep-Nov	1,967	10,531	1	12,499	799	2,172	596	3,567	8,933	2.62
Dec-Feb	8,933	---	2	8,934	821	1,533	513	2,866	6,068	3.12
Mar-May	6,068	---	5	6,074	918	1,127	495	2,540	3,533	3.44
June-Aug	3,533	---	4	3,537	953	760	521	2,233	1,304	3.37
Mkt. yr.	1,967	10,531	12	12,510	3,490	5,591	2,125	11,207	1,304	3.04
2007/08										
Sep-Nov	1,304	13,038	2	14,344	971	2,402	693	4,066	10,278	3.34
Dec-Feb	10,278	---	3	10,281	1,021	1,759	643	3,422	6,859	4.05
Mar-May	6,859	---	10	6,868	1,165	1,096	580	2,840	4,028	4.99
June-Aug	4,028	---	5	4,033	1,207	681	520	2,409	1,624	5.33
Mkt. yr.	1,304	13,038	20	14,362	4,363	5,938	2,436	12,737	1,624	4.20
2008/09										
Sep-Nov	1,624	12,101	3	13,728	1,204	1,991	456	3,651	10,078	4.48
Dec-Feb	10,078	---	4	10,082	1,169	1,583	373	3,124	6,957	4.17
Mar-May	6,957	---	5	6,962	1,237	963	497	2,697	4,266	3.89
Mkt. yr.	1,624	12,101	15	13,740	4,920	5,250	1,800	11,970	1,770	3.95-4.15
2009/10										
Mkt. yr.	1,770	12,290	15	14,075	5,375	5,200	1,950	12,525	1,550	3.35-4.15
Sorghum										
2006/07										
Sep-Nov	66	277	0	342	13	81	36	130	212	3.06
Dec-Feb	212	---	0	212	13	14	43	70	142	3.59
Mar-May	142	---	0	142	14	18	35	67	75	3.56
June-Aug	75	---	0	75	5	0	38	43	32	3.27
Mkt. yr.	66	277	0	343	45	113	153	311	32	3.29
2007/08										
Sep-Nov	32	497	0	530	9	136	94	238	291	3.48
Dec-Feb	291	---	0	291	9	5	92	105	186	4.12
Mar-May	186	---	0	186	9	18	58	85	101	5.15
June-Aug	101	---	0	101	9	5	34	48	53	5.12
Mkt. yr.	32	497	0	530	35	164	278	477	53	4.08
2008/09										
Sep-Nov	53	472	0	525	27	142	44	213	312	3.92
Dec-Feb	312	---	0	312	27	44	32	104	208	3.02
Mar-May	208	---	0	208	28	44	36	108	101	3.12
Mkt. yr.	53	472	0	525	110	230	135	475	50	3.10-3.30
2009/10										
Mkt. yr.	50	380	0	430	90	150	140	380	50	2.85-3.55

continued--

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

Year/ Qtr.	Beg. stocks	Production	Im- ports	Supply	FSI 2/	Feed & resid.	Ex- ports	Total disp.	End. stocks	Farm price
Barley					----Million bushels----					$/bu
2007/08										
June-Aug	69	210	4	283	45	48	2	94	189	3.50
Sep-Nov	189	---	8	196	41	-3	23	61	136	4.27
Dec-Feb	136	---	9	144	41	-16	9	34	110	4.39
Mar-May	110	---	11	122	42	4	8	53	68	4.34
Mkt. yr.	69	210	32	311	169	32	41	242	68	4.02
2008/09										
June-Aug	68	239	6	314	43	59	3	105	209	5.32
Sep-Nov	209	---	9	218	43	-5	7	45	173	5.75
Dec-Feb	173	---	8	181	43	7	2	52	129	5.28
Mar-May	129	---	6	135	41	4	1	46	89	4.88
Mkt. yr.	68	239	29	337	169	66	13	248	89	5.37
2009/10										
Mkt. yr.	89	203	30	322	170	60	15	245	77	3.65-4.35
Oats										
2007/08										
June-Aug	51	90	21	162	16	57	0.4	74	88	2.31
Sep-Nov	88	---	42	131	17	19	0.8	36	94	2.50
Dec-Feb	94	---	28	122	17	26	0.8	43	79	2.92
Mar-May	79	---	32	111	25	19	0.9	45	67	3.49
Mkt. yr.	51	90	123	264	74	120	2.9	198	67	2.63
2008/09										
June-Aug	67	89	32	187	17	51	1.1	68	119	3.30
Sep-Nov	119	---	36	155	17	21	0.9	40	115	3.23
Dec-Feb	115	---	23	138	17	25	0.8	43	95	2.83
Mar-May	95	---	24	120	24	12	0.1	36	84	2.60
Mkt. yr.	67	89	115	270	74	109	3.0	186	84	3.15
2009/10										
Mkt. yr.	84	91	110	285	75	130	3.0	208	77	1.95-2.75

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,
http://www.nass.usda.gov/Data_and_Statistics/Quick_Stats/index.asp: Trade data from Foreign Trade Statistics,
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
2006/07									
Sep-Nov	55.2	2.0	0.0	0.4	57.5	-1.3	56.3		
Dec-Feb	38.9	0.4	0.3	0.5	40.1	0.8	40.9		
Mar-May	28.6	0.5	0.0	0.3	29.5	-1.9	27.6		
June-Aug	19.3	0.0	1.0	0.9	21.2	7.0	28.2		
Mkt. yr.	142.0	2.9	1.4	2.1	148.4	4.6	153.0	92.7	1.65
2007/08									
Sep-Nov	61.0	3.5	-0.1	0.4	64.8	-3.3	61.5		
Dec-Feb	44.7	0.1	-0.3	0.4	44.9	-1.2	43.8		
Mar-May	27.8	0.5	0.1	0.4	28.7	-2.2	26.6		
June-Aug	17.3	0.1	1.3	0.8	19.6	10.7	30.3		
Mkt. yr.	150.8	4.2	1.0	2.0	158.0	4.1	162.1	95.1	1.71
2008/09									
Sep-Nov	50.6	3.6	-0.1	0.4	54.5	-3.3	51.1		
Dec-Feb	40.2	1.1	0.2	0.4	41.9	0.7	42.6		
Mar-May	24.4	1.1	0.1	0.2	25.9	-1.4	24.5		
Mkt. yr.	133.4	5.8	1.3	2.0	142.5	4.1	146.6	92.9	1.58
2009/10									
Mkt. yr.	132.1	3.8	1.4	2.2	139.5	4.8	144.3	91.1	1.58

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
2005/06	2.04	2.67	3.82	4.94	1.70	2.68	1.98
2006/07	3.50	4.06	6.42	7.46	2.60	3.77	2.54
2007/08 3/	4.59	5.30	8.20	9.69	4.86	6.14	3.14
Monthly:							
2008							
Feb.	4.91	5.59	8.45	10.04	5.28	7.08	3.66
Mar.	5.15	5.99	8.97	10.53	5.43	7.23	3.82
Apr.	5.59	6.26	9.78	11.12	5.35	7.25	3.75
May	5.58	6.18	9.82	10.92	5.24	7.29	3.96
2009							
Feb.	3.46	4.15	4.81	6.56	2.50	5.05	1.89
Mar.	3.60	4.18	5.18	6.92	2.56	NQ	1.97
Apr.	3.69	4.28	5.28	6.78	2.74	3.90	2.01
May 3/	3.98	4.57	5.94	7.56	2.86	4.29	2.33

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--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.								
2005/06	174.73	143.94	55.45	273.50	150.53	86.56	63.22	104.00
2006/07	198.34	147.98	71.08	336.22	190.79	109.89	81.53	113.00
2007/08 3/	326.10	243.43	118.74	519.43	316.24	150.78	128.94	138.00
Monthly:								
2008								
Feb.	345.88	292.00	128.75	543.13	375.48	165.00	170.65	138.00
Mar.	331.57	245.00	117.19	561.88	379.78	165.00	129.28	144.00
Apr.	329.94	230.00	129.10	547.00	319.25	160.00	120.84	161.00
May	325.48	240.50	114.38	529.00	279.33	160.00	119.95	180.00
2009								
Feb.	297.42	236.25	98.88	539.38	284.28	115.00	125.36	143.00
Mar.	292.22	213.00	75.40	424.38	307.61	125.00	69.64	137.00
Apr.	324.27	212.50	66.63	443.13	346.35	117.50	82.62	133.00
May 3/	380.37	236.25	68.25	564.38	384.50	115.00	87.70	138.00

1/ Marketing year beginning September 1. 2/ Marketing year beginning May 1. 3/ Preliminary. NQ=No quote.
Sources: USDA, Agricultural Marketing Service, http://marketnews.usda.gov/portal/lg, and
USDA, National Agricultural Statistics Service, 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			
2007/08							
Sep-Nov	119.9	58.2	67.9	643.9	32.9	47.8	970.5
Dec-Feb	112.3	56.0	65.1	704.7	34.7	47.8	1,020.7
Mar-May	125.7	59.9	65.2	808.7	36.3	48.4	1,144.1
June-Aug	132.3	61.5	63.6	868.9	31.5	48.4	1,206.2
Mkt. year	490.3	235.6	261.8	3,026.1	135.4	192.4	4,341.6
2008/09							
Sep-Nov	110.1	59.4	62.0	891.9	32.8	47.9	1,204.2
Dec-Feb	107.4	53.3	54.1	871.8	34.3	47.9	1,168.9
Mar-May	122.3	55.8	54.3	900.0	35.9	48.4	1,216.7
Mkt. year	465.0	226.8	230.0	3,650.0	134.0	192.1	4,897.9
2009/10							
Mkt. year	465.0	230.0	230.0	4,100.0	134.0	193.3	5,352.3

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/					
2005/06	15.70	11.65	23.68	12.89	12.18
2006/07	18.41	14.30	28.05	15.67	15.37
2007/08 2/	21.76	17.65	31.18	18.63	16.04
Monthly					
2008					
Mar.	22.06	17.96	31.35	18.88	16.03
Apr.	23.45	19.35	31.35	18.88	16.51
May	23.62	19.52	31.35	18.88	17.53
June	26.21	22.10	31.35	18.88	17.86
2009					
Mar.	20.04	15.94	34.85	22.38	14.56
Apr.	20.07	15.96	34.85	22.38	15.49
May	20.72	16.61	34.85	22.38	16.06
June 2/	20.56	16.46	34.85	22.38	NQ

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	------2006/2007------		------2007/2008------		2008/2009
	Mkt. yr.	June-May	Mkt. yr.	June-May	June-May
Oats:	Thousand tons				
Canada	1,818	1,818	2,081	2,081	1,936
Finland	12	12	31	31	29
Jamaica	--	--	1	1	1
Total 1/	1,831	1,831	2,125	2,125	1,975
Barley, malting:					
Canada	232	232	603	603	573
Total 1/	232	232	606	606	574
Barley, other: 2/					
Canada	31	31	82	82	58
Total 1/	31	31	82	82	58

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, http://www.census.gov/foreign-trade/www/.

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

Country/region	------2006/07--------		------2007/08--------		2008/09
	Mkt. yr.	Sept.-May	Mkt. yr.	Sept.-May	Sept.-May
			1,000 metric tons		
Corn					
Japan	15,109	10,972	14,589	10,936	11,911
Mexico	8,768	7,495	9,818	7,786	5,892
China (Taiwan)	4,329	3,134	3,843	3,146	2,631
South Korea	4,043	2,844	8,597	5,974	3,463
Egypt	3,377	2,388	3,124	2,669	1,478
Colombia	3,247	2,400	2,945	2,193	990
Canada	2,050	1,412	3,158	2,589	1,295
Syria	1,471	1,153	1,305	1,034	311
Dominican Republic	1,202	965	1,091	792	700
Algeria	854	783	1,006	983	88
Israel	800	757	1,332	1,248	96
Guatemala	747	574	630	484	489
Morocco	699	627	900	886	44
Costa Rica	622	496	684	490	407
El Salvador	538	419	493	375	255
Cuba	538	342	811	608	546
Venezuela	515	24	974	558	852
Tunisia	459	409	525	525	25
Saudi Arabia	418	306	1,053	962	244
Ecuador	418	390	477	477	217
Honduras	371	280	324	240	259
Panama	351	249	387	294	242
Turkey	350	144	438	438	29
Jordan	320	320	147	147	47
Chile	298	298	406	406	49
All other countries	2,093	1,568	2,818	2,411	1,120
World	53,987	40,749	61,873	48,655	33,682
Sorghum					
Mexico	1,975	1,400	1,069	678	1,819
European Union-27	737	468	4,385	4,249	41
Japan	709	626	524	423	211
Sub-Saharan Africa	428	389	682	477	713
All other countries	27	24	392	353	62
World	3,876	2,909	7,052	6,180	2,845
	------2006/2007------		------2007/2008------		2008/2009
	Mkt. yr.	June-May	Mkt. yr.	June-May	June-May
Barley					
Japan	293	293	545	545	126
Mexico	49	49	171	171	--
Canada	39	39	57	57	41
Tunisia	22	22	48	48	89
All other countries	38	38	81	81	32
World	441	441	902	902	288

1/ Totals may not add due to rounding.

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