Agri-News

USDA – National Agricultural Statistical Service
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
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Crop Production

Iowa: Farmers seeded 200,000 acres of oats in 2006, down 10,000 acres from 2005. Acres expected to be harvested for grain, at 130,000, is up 5,000 acres from 2005. The forecasted yield, at 74 bushels per harvested acre, is down 5 bushels per acre from last year. Production is forecast at 9.62 million bushels, down from last year's production of 9.88 bushels.

United States: Winter wheat production is forecast at 1.28 billion bushels. This is up 1 percent from last month but 15 percent below 2005. The U.S. yield is forecast at 41.1 bushels per acre, up 0.6 bushel from last month but down 3.3 bushels from last year. Area harvested for grain totals 31.1 million acres, unchanged from the Acreage report released on June 30, 2006, but down 8 percent from last year.

Hard Red Winter, at 660 million bushels, is up less than 1 percent from a month ago. Soft Red Winter, at 375 million bushels, is up 5 percent from the last forecast. White Winter is down 1 percent from last month and now totals 245 million bushels. Of this total, 19.9 million bushels are Hard White and 225 million bushels are Soft White.

Durum wheat production is forecast at 60.4 million bushels, down 40 percent from 2005. Area harvested for grain totals 1.82 million acres, unchanged from the Acreage report released on June 30, 2006 but down 33 percent from last year. The U.S. yield is forecast at 33.1 bushels per acre, 4.1 bushels less than last year. If realized this will be the lowest harvested area since 1961 and the lowest production since 1988.

Other Spring wheat production is forecast at 465 million bushels, down 8 percent from 2005. Area harvested for grain totals 14.2 million acres, unchanged from the Acreage report released on June 30, 2006. The U.S. yield is forecast at 32.9 bushels per acre, 4.2 bushels less than last year. Of the total production, 425 million bushels are Hard Red Spring wheat, down 9 percent from last season.

All wheat planted area is estimated at 57.9 million acres, up 1 percent from 2005. The 2006 winter wheat planted area, at 41.4 million acres, is 2 percent above last year but virtually unchanged from the previous estimates. Of this total, about 29.7 million acres are Hard Red Winter, 7.45 million acres are Soft Red Winter, and 4.21 million acres are White Winter. Area planted to other spring wheat for 2006 is estimated at 14.6 million acres, up 4 percent from 2005. Of this total, about 13.9 million acres are Hard Red Spring wheat. The Durum planted area for 2006 is estimated at 1.89 million acres, down 32 percent from the previous year. This is the lowest Durum wheat acreage since 1961.

July 2006 Production Summary - Iowa and United States

Crop	For Harvest		Yield per acre		Production	
	2005	2006	2005	2006	2005	2006
	Thousand Acres	*Thousand Acres*	*Bushels*	*Bushels*	*Thousand Bushels*	*Thousand Bushels*
IOWA						
Oats for Grain	125	130	79.0	74.0	9,875	9,620
Winter Wheat	15	20	50.0	[1]	750	[1]
Corn for Grain	12,500	12,400	173.0	[2]	2,162,500	[2]
Soybeans	10,050	10,050	53.00	[2]	532,650	[2]
UNITED STATES						
Oats for Grain	1,823	1,907	63.0	57.9	114,878	110,322
Wheat, All	50,119	47,084	42.0	[2]	2,104,690	1,805,636
Winter	33,794	31,108	44.4	41.1	1,499,129	1,280,005
Durum	2,716	1,822	37.2	33.1	101,105	60,370
Other Spring	13,609	14,154	37.1	32.9	504,456	465,261
Summer Potatoes[3]	51.4	56.8	342	330	17,567	18,731
Corn for Grain	75,107	72,091	147.9	[2]	11,112,072	[2]
Soybeans	71,361	73,935	43.30	[2]	3,086,432	[2]

[1] Iowa's individual yield and production will be published in the "Small Grains 2006 Summary" released in September 2006. [2] Estimate not yet available. [3] Yield in cwt and production in 1,000 cwt.

Corn for Grain: Plant Population Per Acre, Selected States, 2001-05[1]

State		2001	2002	2003	2004	2005
		Number of Plants				
Illinois	Sep.	26,750	26,400	27,150	27,750	28,000
	Nov.	26,650	26,350	27,050	27,700	28,000
Indiana	Sep.	26,100	25,350	26,050	26,650	25,300
	Nov.	25,950	25,300	25,900	26,500	25,200
Iowa	Sep.	26,500	26,850	27,400	28,000	28,050
	Nov.	26,450	26,700	27,250	27,850	28,000
Kansas[2]	Sep.				22,000	21,600
	Nov.				21,900	21,400
Minnesota	Sep.	28,050	26,950	28,700	29,300	28,400
	Nov.	28,000	26,800	28,800	29,250	28,400
Missouri[3]	Sep.				24,350	24,100
	Nov.				24,350	24,050
Nebraska	Sep.	22,750	23,250	23,800	24,100	23,900
	Nov.	22,750	23,350	23,700	24,050	23,700
Ohio	Sep.	26,150	24,850	25,900	26,950	25,650
	Nov.	26,050	24,400	25,900	26,650	25,600
South Dakota[3]	Sep.				21,800	23,450
	Nov.				21,850	23,700
Wisconsin	Sep.	26,800	26,550	27,300	27,700	27,400
	Nov.	27,000	26,650	27,100	27,550	27,050

[1] Based on stalk counts in plots selected for objective yield samples
[2] Field counts began in 2004
[3] Field counts began in 2004 after being discontinued in 1996

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 2003-05

State and Year		Number of Samples	Row Width (Inches) [1]						Average Row Width
			20.5 or less	20.6 - 30.5	30.6 - 34.5	34.6 - 36.5	36.6 - 38.5	38.6 and greater	
		Number	Percent						Inches
IL	2003	268	0.7	75.8	12.3	6.7	4.1	0.4	30.7
	2004	275	0.7	84.1	9.8	3.6	1.8		30.4
	2005	281	1.4	82.5	9.3	3.2	3.6		30.3
IN	2003	163	0.6	71.1	16.6	8.0	3.1	0.6	30.9
	2004	172	0.6	69.8	20.3	5.2	4.1		30.8
	2005	174	2.9	67.4	21.8	3.4	3.4	1.1	30.4
IA	2003	272	0.7	62.7	16.5	5.1	11.0	4.0	31.7
	2004	272	1.5	61.7	17.3	6.3	11.0	2.2	31.4
	2005	286	1.4	72.7	10.5	4.9	8.4	2.1	31.1
KS[2]	2004	106	1.9	78.3	13.2		0.9	5.7	30.6
	2005	103	2.9	69.9	25.2	1.0	1.0		30.0
MN	2003	166	4.2	77.7	13.3	1.8	1.8	1.2	29.1
	2004	160	1.9	76.2	17.5	1.9	2.5		29.2
	2005	176	2.3	82.4	10.2	4.0	1.1		28.7
MO[3]	2004	115	0.9	58.2	22.6	7.0	8.7	2.6	31.5
	2005	122		58.2	27.9	4.1	5.7	4.1	31.4
NE	2003	240	0.8	52.6	13.3	25.0	7.9	0.4	32.2
	2004	248	1.2	56.5	12.5	16.5	11.7	1.6	31.8
	2005	250	1.6	54.8	17.2	20.0	6.4		31.8
OH	2003	101		54.4	38.6	2.0	5.0		30.9
	2004	107	0.9	74.7	20.6	1.9	1.9		30.3
	2005	116		64.6	25.9	1.7	5.2	2.6	31.0
SD[3]	2004	103	4.9	41.7	22.3	9.7	16.5	4.9	31.7
	2005	94	6.4	58.5	10.6	7.4	16.0	1.1	30.9
WI	2003	73		46.6	31.5	4.1	9.6	8.2	31.7
	2004	88	1.1	60.3	19.3	6.8	8.0	4.5	31.2
	2005	86		56.9	32.6	2.3	7.0	1.2	31.1

[1] Spacings based on row measurements in sample plots selected for objective yield survey
[2] Field counts began in 2004
[3] Field counts began in 2004 after being discontinued in 1996

Agricultural Chemical Usage – 2005

Overview

The agricultural chemical use estimates refer to on-farm use of commercial fertilizers and pesticides on corn for the 2005 crop year. Farm and ranch operators were enumerated late in the growing season after the farm operator had indicated that planned applications were completed.

The data were compiled from the Agricultural Resources Management Survey (ARMS). Data collection occurred primarily during the months of September to December of 2005.

This report excludes pesticides used for seed treatments and postharvest applications to the commodity. Spot treatments, which account for a very small percentage of total applications are also excluded.

Corn: Agricultural Chemical Applications, Iowa, 2005[1]

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	*Number*	*-----Pounds per Acre-----*		*Million lbs*
Fertilizers:					
Nitrogen	92	1.4	98	141	1,653.2
Phosphate	70	1.1	60	64	579.0
Potash	71	1.0	80	84	762.3
Sulfur	5	1.0	7	7	4.5
Herbicides:					*1,000 lbs*
2,4 4-D, 2-EHE	2	1.0	0.564	0.564	113
Acetochlor	32	1.0	1.661	1.662	6,706
Atrazine	61	1.1	0.955	1.055	8,276
Clopyralid	7	1.0	0.128	0.128	112
Dicamba, Pot. salt	3	1.0	0.391	0.391	146
Dicamba, Sodium salt	1	1.0	0.122	0.122	18
Diflufenzopyr-sodium	1	1.0	0.049	0.049	7
Dimethenamid-P	6	1.0	0.746	0.746	602
Flufenacet	3	1.0	0.338	0.338	130
Flumetsulam	7	1.0	0.046	0.046	40
Glufosinate-ammonium	13	1.0	0.398	0.398	639
Glyphosate iso.salt	21	1.1	0.745	0.836	2,230
Isozaflutole	6	1.0	0.054	0.054	41
Mesotrione	32	1.0	0.108	0.108	443
Nicosulfuron	14	1.0	0.022	0.022	39
Rimsulfuron	13	1.0	0.011	0.011	18
S-Metolachlor	22	1.0	1.520	1.530	4,335
Insecticides:					
Cyfluthrin	6	1.0	0.006	0.006	4
Tebupirimphos	6	1.0	0.115	0.115	89
Tefluthrin	2	1.0	0.107	0.107	30

[1] Planted acres in 2005 for Iowa were 12.8 million acres.

Highlights

Nitrogen was applied to 96 percent of the 2005 corn planted acreage in the 19 Program States: Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Texas, and Wisconsin. Corn growers applied an average of 138 pounds of nitrogen per acre per crop year. Phosphate was applied to 81 percent of the corn acreage in the Program States at an average rate of 58 pounds per acre per crop year. Potash, applied at 84 pounds per acre per crop year, was applied to 65 percent of the acreage planted to corn. For the first time, sulfur use was included in the survey and 13 percent of the acres planted received an application at an average rate of 12 pounds per acre per crop year.

Herbicides were applied to 97 percent of the corn planted acreage in 2005 in the Program States. Atrazine continues to be the most widely applied herbicide with 66 percent of the planted acreage being treated. It was applied at an average rate of 1.133 pounds per acre per crop year. Glyphosate isopropylamine salt (formerly recorded as Glyphosate) was applied to 31 percent of planted acres, up from 19 percent in 2003, at an average rate of 0.963 pounds per acre per crop year. In terms of area applied, that was followed closely by S-Metolachlor and Acetochlor, at 23 percent of the planted corn acreage treated in the Program States.

In 2005, 23 percent of the corn planted acreage was treated with insecticides in the Program States. Tefluthrin, Cyfluthrin, and Tebupirimphos were the most widely applied insecticides, at 7, 7, and 6 percent, respectively, to the acres planted to corn in the States surveyed. Chlorpyrifos was only applied to 2 percent of the acres, but total applied is more than 3 times greater than next highest at 2.0 million pounds.

Iowa Floriculture Crops, 2005[1]

Item	Number of Producers	Quantity sold	Value of sales at wholesale
		1,000 pots	*1,000 dollars*
POTTED PLANTS			
Potted azaleas	10	81	672
Potted Easter lilies	16	175	851
Potted poinsettias	33	842	3,636
Other potted flowering plants	12	423	1,824
Potted foliage	9	NA	783
Potted hardy/garden mums	37	1,119	1,765
Potted geraniums, cuttings	41	996	1,896
Potted geraniums, seed	22	1,963	1,747
Potted impatiens	13	47	118
Potted begonias	25	111	201
Potted hosta	39	211	589
Potted New Guinea impatiens	40	172	333
Other potted flowering	32	2,571	4,863
		1,000 baskets	
HANGING BASKETS			
Geraniums, cuttings	32	59	473
Impatiens	34	68	482
New Guinea impatiens	35	36	298
Petunias	33	75	540
Other flowering hanging baskets	31	1,213	6,635
		1,000 flats	
FLATS			
Bedding begonias	32	38	331
Bedding impatiens	42	110	901
Bedding marigolds	39	143	1,361
Bedding pansy/viola	40	121	1,169
Bedding petunias	44	186	1,715
Other flowering & foliar bedding plants	41	336	3,095
Vegetable bedding plants	43	114	1,034

[1] Based on reports from growers with value of sales of $100,000 or more. NA = Not available.

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