



Agri-News



Iowa Agricultural Statistics Service

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

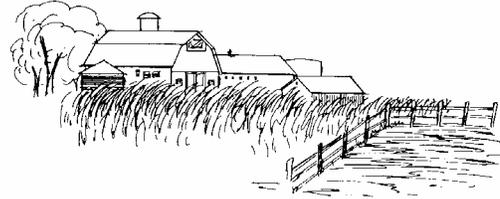
To access NASS reports - <http://www.usda.gov/nass/>

Vol. 03-13

Issued July 15, 2003

HIGHLIGHTS

July 1 Crop Production
Corn Cropping Patterns
Agricultural Chemical Use
2002 Floriculture



July 1 Crop Production

Iowa: Farmers seeded 210,000 acres of oats in 2003, down 80,000 acres from 2002. Acres expected to be harvested for grain, at 150,000, is 25,000 acres less than in 2002. The forecasted yield, at 76 bushels per harvested acre, is unchanged from last year. Production is forecast at 11.4 million bushels, down from last year's production of 13.3 million bushels.

United States: Production for 2003 is forecast at 148 million bushels, 24 percent above last year's 119 million bushels. Area for harvest is estimated at 2.29 million acres, 9 percent above last year. The forecasted yield is 64.7 bushels per acre, 7.9 bushels above 2002. If realized, this would be the highest yield since 1992.

Adequate moisture enhanced crop potential in the Corn Belt, Rocky Mountains, and Pacific Northwest. Record yields are expected in Illinois, Iowa, Michigan, and Oregon. Below normal temperatures during early June hindered vegetative growth along the Atlantic Coast. However, high temperatures accelerated crop development in the Corn Belt, Rocky Mountains, and Pacific Northwest. Meanwhile, yields were reduced in Texas, due to dry weather conditions.

Winter wheat production is forecast at 1.72 billion bushels. This is up 6 percent from last month and 50 percent above 2002. The U.S. yield is forecast at 47.0 bushels per acre, up 2.4 bushels from last month.

July 2003 Production Summary - Iowa and United States

Crop	For harvest		Yield per acre		Production	
	2002	2003	2002	2003	2002	2003
	Thousand acres		Bushels		Thousand bushels	
IOWA						
Oats for grain	175	150	76.0	76.0	13,300	11,400
Winter Wheat for grain	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
Corn for grain	11,900	12,100	165.0	^{2/}	1,963,500	^{2/}
Soybeans	10,310	10,350	48.0	^{2/}	494,880	^{2/}
UNITED STATES						
Oats for grain	2,098	2,286	56.8	64.7	119,132	147,895
Wheat, All	45,817	52,677	35.3	43.9	1,616,441	2,310,911
Winter	29,651	36,491	38.5	47.0	1,142,802	1,715,912
Durum	2,703	2,738	29.4	34.1	79,450	93,495
Other spring	13,463	13,448	29.3	37.3	394,189	501,504
Summer Potatoes ³	59.1	63.1	304	310	17,985	19,585
Corn for grain	69,313	71,985	130.0	142.7 ⁴	9,007,659	10,270,000 ⁴
Soybeans	72,160	72,681	37.8	39.7 ⁴	2,729,709	2,885,000 ⁴

¹Iowa's individual yield and production will be published in the "Small Grains 2003 Summary" released on September 30, 2003.

²Iowa's first estimates of the season will be released on August 12, 2003. ³Yield in cwt and production in 1,000 cwt. ⁴Projections from the July 11, 2003, World Agricultural Supply and Demand Estimates Report.

Corn for Grain: Plant Population Per Acre, Selected States, 1998-02¹

State		1998	1999	2000	2001	2002
		----- Number of Plants -----				
Illinois	Sep.	25,550	25,750	25,800	26,750	26,400
	Nov.	25,400	25,650	25,800	26,650	26,350
Indiana	Sep.	24,350	25,250	25,050	26,100	25,350
	Nov.	24,300	25,100	25,150	25,950	25,300
Iowa	Sep.	25,700	25,850	26,500	26,500	26,850
	Nov.	25,600	25,900	26,300	26,450	26,700
Minnesota	Sep.	27,750	26,750	27,500	28,050	26,950
	Nov.	27,650	26,800	27,150	28,000	26,800
Nebraska	Sep.	23,350	23,200	23,700	22,750	23,250
	Nov.	23,050	23,100	23,400	22,750	23,350
Ohio	Sep.	25,350	25,000	25,200	26,150	24,850
	Nov.	25,450	25,000	24,800	26,050	24,400
Wisconsin	Sep.	26,600	26,050	26,550	26,800	26,550
	Nov.	25,850	26,200	26,200	27,000	26,650

¹ Based on stalk counts in plots selected for objective yield samples.

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 1998-02

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		
		----- Percent -----						Inches	
IL	1998	267						31.5	
	1999	269	0.4	64.5	14.6	9.7	10.5	0.7	31.4
	2000	273		63.6	18.6	7.4	9.3	0.7	31.3
	2001	261	1.5	65.6	16.8	10.3	6.2	1.1	30.9
	2002	269	0.7	67.1	18.0	7.7	4.6	1.1	30.8
IN	1998	168	1.2	57.7	25.0	9.5	5.4	1.2	31.2
	1999	161		62.7	23.0	5.0	6.8	2.5	31.3
	2000	158	1.9	67.7	14.6	7.0	8.2	0.6	31.0
	2001	156		67.3	21.2	6.4	5.1		31.0
	2002	154		69.5	17.5	10.4	2.6		31.0
IA	1998	275	0.4	53.1	19.6	8.0	13.8	5.1	32.1
	1999	286		53.6	17.1	9.8	12.9	6.6	32.5
	2000	279	0.7	56.3	18.6	6.8	15.8	1.8	31.9
	2001	274	0.7	63.2	17.2	2.9	13.1	2.9	31.6
	2002	281	0.4	62.2	15.3	5.7	9.6	6.8	31.8
MN	1998	169	0.6	62.0	17.2	10.1	7.7	2.4	31.1
	1999	162		63.5	19.8	4.3	9.3	3.1	30.6
	2000	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
	2001	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
	2002	158	1.9	69.5	19.0	3.2	5.1	1.3	30.0
NE	1998	224	0.4	41.1	17.9	27.2	12.1	1.3	32.8
	1999	227	0.4	43.3	19.8	23.3	11.0	2.2	32.6
	2000	224	0.4	52.3	15.6	22.3	9.4		32.1
	2001	235	0.9	43.8	15.3	26.4	12.3	1.3	32.7
	2002	229	1.3	46.3	17.0	23.6	11.8		32.3
OH	1998	116	0.9	73.3	15.5	1.7	5.2	3.4	30.9
	1999	111		65.8	28.8	1.8	3.6		30.6
	2000	116		70.7	19.0	5.2	4.3	0.8	30.9
	2001	116		74.1	20.7		2.6	2.6	30.7
	2002	110	0.9	78.2	17.3	1.8	0.9	0.9	30.3
WI	1998	83	1.2	49.4	14.5	4.8	24.1	6.0	32.5
	1999	85		40.0	21.2	9.4	20.0	9.4	33.1
	2000	86	2.3	38.4	25.6	8.1	16.3	9.3	32.6
	2001	77	1.3	57.1	11.7	7.8	14.3	7.8	32.2
	2002	85	1.2	60.0	18.8	5.9	8.2	5.9	31.3

¹ Spacings based on row measurements in sample plots selected for objective yield survey.

Agricultural Chemical Applications, Iowa, 2002

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	-----Pounds per Acre-----		
Corn¹					
Fertilizers:					<u>Million lbs.</u>
Nitrogen	94	1.3	88	122	1,408.0
Phosphate	72	1.0	56	58	515.8
Potash	69	1.0	70	71	607.4
Herbicides:					<u>1,000 lbs.</u>
2,4-D	4	1.0	0.44	0.44	244
Acetamide	3	1.0	0.43	0.43	160
Acetochlor	29	1.0	1.74	1.74	6,128
Atrazine	60	1.0	0.94	0.99	7,287
Bromoxynil	3	1.0	0.25	0.25	80
Clopyralid	14	1.0	0.10	0.11	184
Dicamba	11	1.0	0.17	0.17	225
Dicamba, Dimet. salt	8	1.0	0.12	0.13	133
Dicamba, Pot. salt	4	1.0	0.31	0.31	168
Diflufenzopyr-sodium	8	1.0	0.05	0.05	53
Dimethenamid	8	1.0	1.16	1.16	1,088
Dimethenamid-P	2	1.0	0.79	0.79	216
Flumetsulam	14	1.0	0.04	0.04	70
Glufosinate-ammonium	5	1.0	0.32	0.32	211
Glyphosate	8	1.1	0.60	0.69	715
Isoxaflutole	15	1.0	0.08	0.08	147
Mesotrione	12	1.0	0.08	0.08	119
Metolachlor	11	1.0	1.83	1.83	2,519
Nicosulfuron	14	1.0	0.02	0.02	31
Primisulfuron	5	1.0	0.02	0.02	11
Rimsulfuron	12	1.0	0.01	0.01	17
S-Metolachlor	12	1.0	1.64	1.64	2,415
Insecticides:					
Bifenthrin	2	1.0	0.07	0.07	21
Chlorpyrifos	2	1.0	1.00	1.00	286
Tefluthrin	2	1.0	0.10	0.10	28
<hr/>					
Soybeans²					
Fertilizers:					<u>Million lbs.</u>
Nitrogen	3	1.0	26	26	9.3
Phosphate	7	1.0	70	70	48.3
Potash	12	1.0	120	127	163.7
Herbicides:					<u>1,000 lbs.</u>
Acifluorfen	4	1.0	0.16	0.16	61
Chlorimuron-ethyl	5	1.0	0.009	0.009	5
Cloransulam-methyl	10	1.0	0.02	0.02	23
Fenoxaprop	4	1.0	0.12	0.13	53
Fluazifop-P-butyl	4	1.0	0.04	0.04	18
Fomesafen	6	1.0	0.25	0.25	168
Glyphosate	73	1.3	0.71	0.99	7,497
Glyphosate diam salt	3	1.1	0.79	0.94	259
Imazethapyr	11	1.0	0.06	0.06	68
Pendimethalin	19	1.0	0.93	0.94	1,857
Sethoxydim	3	1.0	0.22	0.22	75
Sulfentrazone	5	1.0	0.22	0.22	113
Trifluralin	18	1.0	0.89	0.91	1,679
Insecticides:					
Permethrin	4	1.0	0.08	0.08	38

¹ Planted acres in 2002 for Iowa were 12.3 million acres. ² Planted acres in 2002 for Iowa were 10.4 million acres.

Iowa Floriculture Crops, 2002¹

Item	Number of Producers	Quantity sold 1,000 pots	Value of sales at wholesale 1,000 dollars
Potted Plants			
Potted chrysanthemums	9	370	1,496
Potted azaleas	11	136	973
Potted Easter lilies	16	176	869
Potted poinsettias	35	989	4,145
Other potted flowering plants	15	521	2,225
Potted foliage	14	NA	1,650
Potted hardy/garden mums	35	1,626	2,439
Potted geraniums, cuttings	46	1,018	2,087
Potted geraniums, seed	19	969	833
Potted impatiens	14	94	250
Potted hosta	32	208	538
Potted New Guinea impatiens	39	311	587
Other potted flowering & foliar bedding	27	1,754	3,212
		1,000 baskets	
Hanging Baskets			
Geraniums, cuttings	37	99	726
Impatiens	34	49	335
New Guinea impatiens	34	81	616
Petunias	31	53	358
Other flowering hanging baskets	35	535	3,253
		1,000 flats	
Flats			
Bedding begonias	28	20	170
Bedding geraniums, cuttings	7	38	317
Bedding impatiens	42	159	1,299
Bedding marigolds	30	67	541
Bedding pansy/viola	29	43	339
Bedding petunias	44	264	1,732
Other flowering & foliar bedding plants	39	566	4,211
Vegetable bedding plants	42	160	1,226

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

**PERIODICALS POSTAGE PAID
AT DES MOINES, IOWA 50309
and Additional Mailing Offices
NEWSPAPER TIME VALUE**

AgriNews (ISSN 0744-5598) is published semi-monthly except monthly in March and three issues per month in July, August and October by Iowa Agricultural Statistics, Room 833, 210 Walnut St. Des Moines, IA 50309. Subscription is free to data reporters upon request and available for \$11 per year to non-reporters. Periodicals postage paid at Des Moines, IA 50309, and additional mailing offices. Postmaster: send address changes to AgriNews, c/o South Dakota Agricultural Statistics, PO Box 5068, Sioux Falls, SD 57117-5068.