

Objective Yield Data Corn for Grain, Iowa

The National Agricultural Statistics Service conducts objective yield surveys in randomly selected plots in corn for grain fields. These fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

Corn for Grain: Plant Population per Acre

Year	Sep	Oct	Nov	Final
2002	26,850	26,700	26,700	26,700
2008	29,300	29,250	29,250	29,250
2009	29,500	29,450	29,400	29,400
2010	30,050	30,000	29,950	29,950
2011	30,850	30,750	30,750	30,750
2012	30,150	30,100	30,100	30,100

Corn for Grain: Number of Ears per Acre

Year	Sep	Oct	Nov	Final
2002	25,950	25,800	25,800	25,800
2008	28,600	28,600	28,600	28,600
2009	29,250	29,200	29,200	29,200
2010	22,450	29,450	29,300	29,300
2011	30,100	30,050	30,050	30,050
2012	28,250	28,150	28,150	28,150

Corn for Grain: Percentage Distribution by Plant Population per Acre

Year	Less than 20,000	20,000 - 22,500	22,501 - 25,000	25,001 - 27,500	27,501 - 30,000	More than 30,000
2002	3.6	7.8	17.4	30.3	28.1	12.8
2008	0.3	4.2	4.8	18.1	29.2	43.4
2009	3.1	3.8	6.5	9.2	28.5	48.9
2010	1.2	3.8	6.5	8.8	21.9	57.8
2011	2.0	0.8	2.8	9.8	19.3	65.3
2012	1.2	2.0	3.2	10.9	25.4	57.3

Corn for Grain: Frequency of Farmer Reported Row Widths

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2002	3	225	20	42	-
2008	9	310	9	16	-
2009	5	246	12	8	1
2010	10	232	8	11	-
2011	7	233	6	12	-
2012	8	238	7	7	-

- Represents zero.

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width

Year	Number of Samples	Row Width (inches)						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 or Greater	
2002	281	0.4	62.2	15.3	5.7	9.6	6.8	31.8
2008	332	1.8	78.0	13.0	2.4	3.6	1.2	30.5
2009	265	1.5	75.1	16.5	3.8	2.3	0.8	30.5
2010	260	2.3	76.5	13.5	3.5	3.8	0.4	30.4
2011	254	2.8	71.1	20.1	2.8	2.0	1.2	30.2
2012	248	2.8	75.1	16.1	2.8	2.0	1.2	30.3