

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 – Iowa

Year	Sep	Oct	Nov	Final
2005	28,050	27,950	28,000	28,000
2011	30,850	30,750	30,750	30,750
2012	30,150	30,100	30,100	30,100
2013	30,250	(NA)	30,000	30,050
2014	30,850	30,800	30,800	30,800
2015	31,500	31,450	31,450	31,450

(NA) Not available.

Corn for Grain, Number of Ears per Acre – Iowa

Year	Sep	Oct	Nov	Final
2005	27,150	27,100	27,100	27,100
2011	30,100	30,050	30,050	30,050
2012	28,250	28,150	28,150	28,150
2013	29,700	(NA)	29,500	29,550
2014	30,350	30,150	30,150	30,150
2015	30,950	30,800	30,850	30,850

(NA) Not available.

Corn for Grain, Percentage Distribution by Plant Population per Acre – Iowa

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
2005	3.8	3.8	12.2	19.6	29.7	30.9
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
2013	0.9	2.8	4.2	11.7	25.4	55.0
2014	0.8	2.8	1.2	8.3	20.5	66.4
2015	0.4	0.8	2.4	4.9	15.5	76.0

Corn for Grain, Frequency of Farmer Reported Row Widths – Iowa

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2005	7	236	15	31	-
2011	7	233	6	12	-
2012	8	238	7	7	-
2013	9	214	5	8	-
2014	15	234	3	3	1
2015	7	241	3	1	-

- Represents zero.

Corn for Grain, Percentage Distribution by Measured Row Width and Average Row Width – Iowa

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	
2005	286	1.4	72.7	10.5	4.9	8.4	2.1	31.1
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
2013	213	1.4	76.5	16.0	2.8	3.3	-	30.3
2014	254	5.1	72.0	18.9	1.6	2.0	0.4	30.0
2015	245	2.4	76.8	19.2	1.6	-	-	30.0