

CORN AND SOYBEAN OBJECTIVE YIELD RESULTS

The Illinois Field Office of the National Agricultural Statistics Service conducts corn and soybean objective yield surveys each year. Randomly selected plots in corn for grain and soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are based on survey results but are not official estimates. They are intended to show trends in corn for grain and soybean production practices.

CORN FOR GRAIN: Percentage distribution by row width and average row width, Illinois, 2000-2009

Year	Number of samples	Row width (inches)						Average row width
		20.5 & less	20.6 – 30.5	30.6 - 34.5	34.6 - 36.5	36.6 - 38.5	38.6 & greater	
	<u>Number</u>							<u>Inches</u>
2000	273	-	65.6	16.8	10.3	6.2	1.1	31.3
2001	261	1.5	67.1	18.0	7.7	4.6	1.1	30.9
2002	269	0.7	74.4	11.9	8.2	3.7	1.1	30.8
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
2006	277	1.4	84.9	9.0	3.6	1.1	-	30.3
2007	273	0.7	78.4	13.9	5.1	1.5	0.4	30.6
2008	345	0.3	86.7	8.1	2.9	1.4	0.6	30.3
2009	252	1.2	84.5	9.5	2.0	2.8	-	30.2

CORN FOR GRAIN: Plant population and ears per acre, Illinois, 2000-2009

Year	Plants per acre	Ears per acre
2000	25,800	25,450
2001	26,650	25,550
2002	26,350	25,000
2003	27,050	26,650
2004	27,700	27,400
2005	28,000	26,850
2006	28,000	27,400
2007	28,100	27,750
2008	28,900	28,350
2009	29,600	28,900

SOYBEANS: Percentage distribution by row width and average row width, Illinois, 2000-2009

Year	Number of samples	Row width (inches)					Average row width	Pods per 18 sq. feet
		10.0 & less	10.1 - 18.5	18.6 - 28.5	28.6 - 34.5	34.6 & greater		
	<u>Number</u>						<u>Inches</u>	<u>Number</u>
2000	214	44.6	36.2	0.9	16.4	1.9	14.9	2,021
2001	208	41.3	33.4	1.7	22.6	1.0	16.0	1,932
2002	216	36.9	44.8	2.1	14.8	1.4	15.5	1,802
2003	202	35.4	46.2	3.5	13.9	1.0	15.2	1,634
2004	219	32.2	49.6	2.7	14.4	1.1	15.3	1,947
2005	220	24.5	55.7	3.4	15.5	0.9	16.1	1,858
2006	215	20.2	58.8	2.1	18.4	0.5	16.6	1,923
2007	220	19.5	54.2	3.9	20.1	2.3	17.6	1,831
2008	246	20.9	57.3	2.9	18.5	0.4	16.7	1,829
2009	211	15.9	52.1	4.3	27.7	-	18.6	1,687