

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 1995-2004

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>Percent</u>						<u>Inches</u>
1995	268	-	56.7	19.4	10.5	12.3	1.1	31.9
1996	257	-	63.4	14.4	10.9	9.3	2.0	31.7
1997	270	-	61.4	17.8	11.9	7.4	1.5	31.6
1998	267	-	64.5	14.6	9.7	10.5	0.7	31.5
1999	269	0.4	63.6	18.6	7.4	9.3	0.7	31.4
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

CORN FOR GRAIN: Plant population and ears per acre, Illinois, 1995-2004

Year	Plants per acre	Ears per acre
1995	23,650	22,850
1996	24,200	23,600
1997	24,900	23,400
1998	25,400	24,300
1999	25,650	24,900
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

SOYBEANS: Percentage distribution by row width and average row width, Illinois, 1995-2004

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>Percent</u>					<u>Inches</u>	
1995	208	57.1	10.1	2.9	26.0	3.9	16.0	1,764
1996	202	53.2	15.2	2.2	25.5	3.9	16.0	1,581
1997	211	55.2	18.5	3.1	21.1	2.1	15.1	1,708
1998	205	54.5	17.8	2.0	22.0	3.7	15.5	1,906
1999	219	44.3	31.6	3.0	16.5	4.6	15.8	1,787
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