

CORN AND SOYBEAN OBJECTIVE YIELD RESULTS

The Illinois 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 1990-1999

Year	Number of samples	Row width (inches)					Average row width
		30.5 & less	30.6 - 34.5	34.6 - 36.5	36.6 - 38.5	38.6 & greater	
		<u>Percent</u>					
1990	236	49.2	16.5	14.8	17.0	2.5	32.5
1991	235	54.9	16.6	11.5	13.2	3.8	32.2
1992	233	57.9	13.3	14.2	13.7	0.9	32.0
1993	244	50.8	17.2	13.1	15.2	3.7	32.4
1994	241	52.3	21.6	9.1	11.6	5.4	32.1
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	64.0	18.6	7.4	9.3	0.7	31.4

CORN FOR GRAIN: Plant population and ears per acre, Illinois, 1990-99

Year	Plant population	Ears per acre
1990	22,300	21,900
1991	23,700	21,800
1992	23,000	23,000
1993	23,300	22,600
1994	23,200	22,600
1995	23,650	22,850
1996	24,200	23,600
1997	24,900	23,400
1998	25,400	24,300
1999	25,650	24,850

SOYBEANS: Percentage distribution by row width and average row width, Illinois, 1990-99

Year	Number of samples	Row width (inches)					Average row width	Pods per 18 sq. feet
		10.0 and less	10.1 - 18.5	18.6 - 28.5	28.6 - 34.5	34.6 and greater		
		<u>Percent</u>						
1990	175	25.4	6.0	4.0	46.9	17.7	25.5	1,460
1991	196	23.6	9.2	3.3	48.7	15.2	24.6	1,450
1992	176	33.5	7.4	6.3	41.1	11.7	22.0	1,502
1993	179	38.0	6.7	3.9	40.8	10.6	21.2	1,701
1994	185	45.6	11.4	3.0	34.6	5.4	18.4	1,636
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