

ROW SPACING & BIOTECHNOLOGY

CORN FOR GRAIN AND SOYBEANS PLANT POPULATION AND AVERAGE WIDTH INDIANA, 2018-2023 ¹

Year	Corn for Grain				Soybeans		
	Number of Samples	Average Row Width In Inches	Plants Per Acre	Number of Ears Per Acre	Number of Samples	Average Row Width In Inches	Number of Pods Per 18 Sq. Ft.
2018	131	29.8	30,400	29,750	150	16.2	2,052
2019	54	30.2	28,950	28,600	74	17.3	1,561
2020	78	30.2	29,850	29,600	108	16.2	1,959
2021	63	30.1	29,750	29,900	84	16.4	1,836
2022	54	30.3	28,600	28,500	71	16.0	1,773
2023	67	30.0	31,100	30,950	88	16.9	1,962

¹ Data from Objective Yield Survey.

BIOTECHNOLOGY VARIETIES

The National Agricultural Statistics Service conducts the June Agricultural Survey in all States each year. Randomly selected farmers across Indiana are asked if they planted corn or soybean seeds that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

BIOTECHNOLOGY VARIETIES, PERCENT OF ALL PLANTED ACRES INDIANA, 2018-2024

Year	Corn					Soybeans		
	Acres Planted	Insect Resistant (Bt)	Herbicide Resistant	Stacked Gene Varieties	All Biotech Varieties	Acres Planted	Herbicide Resistant	All Biotech Varieties
	<u>(000) Acres</u>		<u>Percent</u>			<u>(000) Acres</u>		<u>Percent</u>
2018	5,300	2	7	77	86	6,000	91	91
2019	4,950	2	9	76	87	5,400	93	93
2020	5,400	3	9	74	86	5,750	93	93
2021	5,400	2	7	78	87	5,650	91	91
2022	5,250	1	7	79	87	5,850	93	93
2023	5,450	1	8	78	87	5,500	94	94
2024	5,100	2	4	85	91	5,750	96	96