



News Release

Biotechnology Varieties

The use of biotechnology varieties for corn increased in Michigan in 2019, according to the USDA NASS, Great Lakes Regional Office. Biotechnology varieties accounted for 89 percent of the corn acres planted in Michigan, up from 85 percent last year. Soybean plantings included 92 percent biotechnology varieties, down 1 percentage point from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, unchanged from 2018. Soybean acreage planted to biotech varieties was also unchanged at 94 percent.

The following table is based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

Biotechnology Varieties as a Percent of All Planted Acres - Michigan and United States: 2018 and 2019

Commodity	Michigan		United States	
	2018 (Percent)	2019 (Percent)	2018 (Percent)	2019 (Percent)
Corn				
Insect resistant (Bt)	2	3	2	3
Herbicide resistant	11	11	10	9
Stacked gene varieties	72	75	80	80
All biotech varieties	85	89	92	92
Soybeans				
Herbicide resistant	93	92	94	94