United States Department of Agriculture
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# News Release

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## Biotechnology Varieties

The percentage of corn acres planted using biotechnology varieties in Ohio increased from last year, according to Ben Torrance, State Statistician, USDA NASS, Ohio Field Office. Biotechnology varieties accounted for 92 percent of the corn acres planted in Ohio, up from 90 percent in 2023. Soybean plantings included 98 percent biotechnology varieties, up 4 percentage points from last year.

Nationally, ninety-four percent of this year's corn acreage was planted with biotechnology seed varieties, up 1 point from last year. Biotechnology seed includes traits for insect resistance (Bt), herbicide resistance, or stacked gene which contains traits for both herbicide and insect resistance.

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 - Ohio and United States: 2023 and 2024**

| Commodity | Ohio | | United States | |
|---|---|---|---|---|
| | 2023 | 2024 | 2023 | 2024 |
| | *(Percent)* | *(Percent)* | *(Percent)* | *(Percent)* |
| Corn | | | | |
| Insect resistant (Bt) | 2 | 2 | 3 | 3 |
| Herbicide resistant | 12 | 9 | 9 | 7 |
| Stacked gene varieties | 76 | 81 | 82 | 83 |
| All biotech varieties | 90 | 92 | 93 | 94 |
| Soybeans | | | | |
| Herbicide resistant | 94 | 98 | 95 | 96 |

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