



INDIANA

TOP 5 CROPS: INDIANA

1. CORN
2. SOYBEANS
3. WHEAT
4. HAY
5. TOMATOES

Crop Protection Leaders

Indiana is home to five leading crop protection companies: ABG, Dow Agro Sciences LLC, Monsanto Company, SePRO Corporation, and Tenkoz, Inc. These companies provide thousands of jobs, boosting our economy and securing our state food supply.

- In the Hoosier State, an investment of \$1.00 in crop protection products yields anywhere from 13 to 19 times in direct economic returns, which the farming community can then reinvest to make Indiana's agricultural economy even stronger.
- The net benefits Indiana's agricultural economy gains from securing crops with various crop protection technologies ranges from \$51 to \$804 million a year, depending upon the product.

CropLife America: Helping to Feed a Hungry World

America's crop protection industry is helping to feed a hungry world, decrease food costs, drive our economy, and protect our environment.

Crop protection technologies help control the thousands of weed species, harmful insects, and numerous plant diseases that afflict crops and threaten both the abundance and the safety of our food supply.

- The crop protection industry is one of the most highly-regulated in the U.S. today, ensuring the safety of users and consumers, and reducing environmental impacts. As the nation and the world confront the threat of climate change, the industry stands at the forefront of sustainable agriculture, helping farmers do more with less through innovation, while protecting the soil and natural habitats of the land they farm.
- Crop protection products help American farmers improve agricultural productivity, generating robust crop yields that drive local economies and create jobs from the farm, to the distribution system, to the grocery stores and restaurants who sell these plentiful foods. The strong crop yields made possible by crop protection also help keep food costs down so American families can afford meals for their table.

In Indiana, the crop protection industry brings these same commitments, values, and technologies to the state's **over \$6 billion food and agricultural economy**, safeguarding the state's food supply and protecting its environment.

Agriculture in Indiana: Driving the State Economy

Indiana is one of the top ten crop state in the U.S., employing 530,533 people, and placing the state 13th in the nation for total agricultural cash receipts.

**60,938
FARMS**

60,938 farms cover \$14.8 million acres across our state, powering a diverse agricultural economy.

\$8.3 BILLION

Indiana's agricultural products have an annual market value of nearly \$8.3 billion, including 64% from crop production valued at \$5.3 billion.

**50% TOTAL
AGRICULTURAL
PRODUCTION**

Corn and soybeans are the biggest crops in Indiana, accounting for over 50% of the state's total agricultural production.

RANKS 5TH

Corn adds \$1,786,401 to the state's agricultural industry, which is almost 30% of all crops produced there. Indiana ranks 5th nationally in corn production, and provides 8% of all corn produced in the U.S.

Without crop protection, the vital economic impact of Indiana's agricultural industry would be virtually devastated.

CROP PROTECTION IN THE HOOSIER STATE

Ensuring Indiana's Robust and Healthy Food Supply

The food supply nourishing Indiana families—and exported around the globe—is fundamentally reliant upon crop protection technologies.

Every spring and summer, plant diseases reproduce in countless numbers, infecting – and ultimately killing – Indiana crops. Each year, **2.5 million weeds** prepare to emerge on every acre of Indiana's cropland, competing with crops for water, nutrients, space, and sunlight. And across Indiana, crop feeding insects reproduce in countless numbers, feeding on crops, reducing yields, making crops unmarketable, and in some cases killing the plant entirely.

These infestations threaten Indiana's food supply, economy, environment, and health of our citizens. Crop protection products stem those threats, preventing crop loss and protecting the agricultural base.

Safeguarding Indiana's Environment and its Citizens

Few industries play a greater role in driving sustainable agriculture than crop protection.

Crop protection technologies enable Indiana farmers to manage weeds without plowing or tilling the soil, reducing erosion and avoiding runoff into rivers and streams, while also reducing fuel consumption. Nationwide, this practice saves **337 million gallons of tractor fuel annually**, and prevents **356 billion pounds of disturbed soil** from eroding into rivers and streams.

In Indiana, crop protection technologies enable no-till production on 4,908,000 acres, preventing 20.6 billion pounds of soil erosion annually.

Planting more acres of arable farmland decreases animal habitats, impacting biodiversity. Crop protection technologies enable Indiana farmers to do more with less, reducing the need to convert additional acreage for crops.

Many invasive weeds and nuisance plants grow back when mowed or pulled. Far from being a simple annoyance, weeds kill native plants, suffocate lakes, and plug reservoir intakes, destroying the natural habitats of fish, birds, and mammals. Crop protection products are indispensable weapons, enabling Indiana growers to successfully preserve several endangered species populations that had nearly vanished.

Crop protection also guards the health of the food supply that sustains Indiana families and the world.

The ever-increasing reach of the global economy has allowed infectious agents like salmonella and E. coli to enter our food supply. The U.S. commitment to crop protection technologies serves as a first line of defense, attacking these threats and generating a safe, healthy, and robust food supply for Indiana and the nation.

What would the Hoosier State's food supply look like **WITHOUT** crop protection?

NO CORN

The delicious sweet taste of corn is a classic American summer experience, but without crop protection technologies nearly a third of this crop for Indiana would disappear with a loss to the state's economy of up to \$100 million.

NO SOYBEANS

It seems like every day a new study demonstrates the extraordinary health benefits of soybeans, and in fact, because of their variety of uses (oil, tofu, etc.) they are actually the second most valuable U.S. agricultural export. Without crop protection, imagine what a 40% reduction in Indiana's soybean crop would do to our agricultural export strength (not to mention the millions of vegetarians who rely on it for protein).

NO TOMATOES

From a slice on a sandwich or a salad to the zest that makes your pizza so irresistible, tomatoes are hard to resist. Without crop protection, the ruinous impact of plant diseases and insects would devastate Indiana's tomato crop by up to 80%.