



ARKANSAS

TOP 5 CROPS: ARKANSAS

1. RICE
2. SOYBEANS
3. COTTON
4. CORN
5. WHEAT

Crop Protection Leaders

Arkansas is home to three leading crop protection companies: Estes, Inc, Monsanto Company, and Winfield Solutions, LLC.

These companies provide thousands of jobs, boosting our economy and securing our state food supply.

- In the Natural State, an investment of \$1.00 in crop protection products yields up to 3 times that in direct economic returns, which the farming community can then reinvest to make Arkansas' agricultural economy even stronger.
- The net benefits Arkansas' agricultural economy gains from securing crops with various crop protection technologies ranges from \$73.4 to \$132 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 Arkansas, the crop protection industry brings these same commitments, values, and technologies to the state's **\$15.9 billion food and agricultural economy**, safeguarding the state's food supply and protecting its environment.

Agriculture in Arkansas: Driving the State Economy

Agriculture is a critical part of Arkansas' economy, providing one out of every five jobs, ranking 11th in the nation for total agricultural cash receipts.

**49,346
FARMS**

49,346 farms cover 13.9 million acres across our state, powering a diverse agricultural economy.

**\$7.5
BILLION**

Arkansas agricultural products have an annual market value of \$7.5 billion, including 39% from crop production – valuing \$2.9 billion.

**\$500
MILLION**

Arkansas' cotton industry alone contributes more than \$500 million to the state's economy, and keeps 1,730 farms in business.

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

CROP PROTECTION IN THE NATURAL STATE

Ensuring Arkansas' Robust and Healthy Food Supply

The food supply nourishing Arkansas 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 – Arkansas crops. Each year, **2.5 million weeds** prepare to emerge on every acre of Arkansas' cropland, competing with crops for water, nutrients, space, and sunlight. And across Arkansas, 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 Arkansas' food supply, economy, environment, and health of our citizens. Crop protection products stem those threats, preventing crop loss and protecting the agricultural base.

Safeguarding Arkansas' Environment and its Citizens

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

Crop protection technologies enable Arkansas 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 Arkansas, crop protection technologies enable no-till production on 755,000 acres, preventing 4.4 billion pounds of soil erosion annually.

Planting more acres of arable farmland decreases animal habitats, impacting biodiversity. Crop protection technologies enable Arkansas 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 Arkansas growers to successfully preserve several endangered species populations that had nearly vanished.

Crop protection also guards the health of the food supply that sustains Arkansas 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 Arkansas and the nation.

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

NO RICE

The classic American side dish of rice is Arkansas' leading crop, and without the benefits of crop protection technologies U.S. dinner tables would enjoy up to one-third less rice dishes, resulting in a loss to the state's economy of up to \$175 million.

NO COTTON

Without the benefits of crop protection products for cotton, availability of the so-called fabric of our lives, would be reduced by up to 60% affecting not only Arkansas' agricultural industry, but damaging the U.S. textile, apparel, and home furnishing industries, among others.

NO WHEAT

From sandwich bread to cereal, to pasta, wheat is a staple of the American diet, but without crop protection Arkansas' contribution would be reduced by up to 40%, draining \$13 million from the state's economy.