



NEW HAMPSHIRE

TOP 5 CROPS: NEW HAMPSHIRE

1. APPLES
2. SWEET CORN
3. HAY
4. ALFALFA
5. STRAWBERRIES

Crop Protection

Crop protection in New Hampshire boosts the economy and secures the food supply, helping to provide thousands of jobs.

- In the Granite State, an investment of \$1.00 in crop protection products yields anywhere from 24 to 47 times in direct economic returns, which the farming community can then reinvest to make New Hampshire's agricultural economy even stronger.
- The net benefits New Hampshire's agricultural economy gains from securing crops with various crop protection technologies ranges from \$1.2 to \$13.9 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 New Hampshire, the crop protection industry brings these same commitments, values, and technologies to the state's **\$2.3 billion food and agricultural economy**, safeguarding the state's food supply and protecting its environment.

Agriculture in New Hampshire: Driving the State Economy

Agriculture generates a significant amount of New Hampshire's economy, employs 102,831 people, and ranks 48th in the nation for total agricultural cash receipts.

**4,150
FARMS**

4,150 farms cover 470,000 acres across our state, powering a diverse agricultural economy.

**\$199
MILLION**

New Hampshire agricultural products have an annual market value of nearly \$199 million, including 53% from crop production valued at \$106 million.

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

CROP PROTECTION IN THE GRANITE STATE

Ensuring New Hampshire's Robust and Healthy Food Supply

The food supply nourishing New Hampshire 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 – New Hampshire crops. Each year, **2.5 million weeds** prepare to emerge on every acre of New Hampshire's cropland, competing with crops for water, nutrients, space, and sunlight. And across New Hampshire, 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 New Hampshire'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 New Hampshire's Environment and its Citizens

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

Crop protection technologies enable New Hampshire 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 New Hampshire, crop protection technologies enable no-till production on 600 acres, preventing 3 million pounds of soil erosion annually.

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

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

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

NO APPLES

New Hampshire apples are the state's top crop, filling children's lunchboxes and offering a healthy midday snack. Without crop protection, the ruinous impact of insects and plant diseases would virtually wipe out New Hampshire's entire apple crop.

NO SWEETCORN

The delicious sweet taste of corn is a classic American summer experience, but without crop protection technologies, 15% of this top crop for New Hampshire would be ravaged by aggressive weeds and vicious crop-attacking insects.