SUSTAINABILITY

PROTECTING NATURAL RESOURCES WITH TECHNOLOGY

Farmers are stewards of the land, and with their use of technology in agriculture, they are making more sustainable choices than ever on their farms. Using a practice called precision agriculture to protect the soil, air, and water, farmers are producing more with less land and fewer resources.

32%

of Indiana's farmers use precision agriculture

and that number continues to grow.



WHAT INDIANA FARMERS ARE SAYING:

We are a data-driven farm, forward thinking, very much so outside of the box. I don't even know where the box is any more.

Keeping soil healthy is key to reducing greenhouse gases. Using sensors, farmers closely monitor soil health, temperature, moisture, and more to prevent erosion and protect soil health.

Nutrient runoff into Indiana waterways is drastically reduced using technology in tractors to precisely apply nutrients. Applications of fertilizer and water have been reduced up to 40% using this tech.

Farmers have reduced applications of pesticides on their farms using GPS, digital field maps, and precision applications.

Precision ag tools and monitoring has led to the equivalent of taking nearly 200,000 cars off the road in the U.S.

Using data allows farmers to produce more with less land. Technology use in ag has prevented the equivalent to 4.5 Yellowstone Parks from being used for production to keep up with the global food supply need.

INDIANA CORN Marketing Council

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