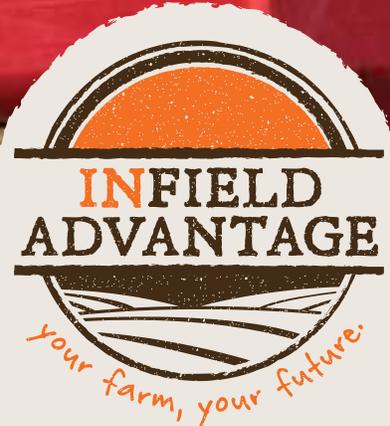




**SUCCESS YOU CAN
HANG YOUR HAT ON.**



CLINTON COUNTY, INDIANA

A Case Study of Success

"Conservation is every farmer's responsibility. We have a very precious resource in our farm ground and surface waters, and the more we can do to protect them, the better our farm will be for future generations."

- Dustin Johnson, Clinton County INfield Advantage participant

Since 2011, Clinton County farmers have been discussing and reviewing crop rotations, yield histories, tillage systems, cover crops, and nitrogen application forms, timing and rates through participation in INfield Advantage.

Input optimization is a goal – both economically and environmentally – for today's farmers. INfield Advantage assists in understanding current practices and discovering opportunities to benefit farmers' bottom lines and the environment.

COLLECT – YOUR DATA

INfield Advantage provides you the opportunity to gather and analyze personalized, field-specific data.

Trial Data

Each county involved in INfield Advantage assesses their own local management practices. In Clinton County, some program participants focus on replicated strip trials (RST).

With RST, participants alternate types of management practices across the field four times. Participants can use the RST results to compare multiple management practices within a single field. Participants can also see how nitrogen reacts on various soil types and how other factors affect the overall health of a field.

	Minimum Length=1400 ft.
REPLICATION 1	TREATMENT 1
	TREATMENT 2
REPLICATION 2	TREATMENT 1
	TREATMENT 2
REPLICATION 3	TREATMENT 1
	TREATMENT 2
REPLICATION 4	TREATMENT 1
	TREATMENT 2

After harvest, farmers will receive RST reports. These reports, coupled with aerial imagery, yield data/maps and guided stalk test results allow farmers to effectively compare the management strategies they implement and determine which practice is best to use in future years.

"Meeting with other farmers in small groups allowed us to consider management techniques that we aren't currently using and see how those might work in our own operation."

- David Beard, Clinton County INfield Advantage participant

UNDERSTAND – YOUR OPPORTUNITY

Through peer-to-peer group discussion and local aggregated results, INfield Advantage's tools help you understand and evaluate unbiased, individualized data.

A New Perspective — The Value of Aerial Imagery

Aerial imagery has proven to be a valuable tool within INfield Advantage and offers farmers a new perspective on their operation.

Dustin Johnson, a Clinton County farmer and INfield Advantage participant, says the aerial imagery has revealed several opportunities on their farm because it is more precise than the yield monitor data they collect on their combine. "The aerial imagery shows us what happens at the beginning of a row and what happens

specifically at those points where application rate changes. Our yield monitor is averaging the results from eight rows and delaying information by several seconds from the head to the grain tank where the data is taken."

The aerial images highlighted a mechanical issue with Johnson's application equipment; and showed him they weren't turning on the anhydrous bar soon enough at the beginning of a new row. This data was not captured with their yield monitor, but did appear in aerial images.

"The biggest thing I have learned while participating in this program is just how the aerial imagery corresponds to things we are doing in the field. You see it in magazines and in the press, and it might not sink home, but when you see it in your field and on your farm and how it ties into practices you've done, it's eye-opening."

- Jeff Need, Clinton County INfield Advantage participant

OPTIMIZE – YOUR BOTTOM LINE

Make more informed decisions by utilizing INfield Advantage insights to compare and implement management opportunities that optimize inputs and improve profits.

As a group leader in Clinton County, Ben Reinhart has seen a shift in management practices within his group of INfield Advantage participants. Specifically, farmers have shifted their nitrogen forms — anhydrous to UAN (urea and ammonium nitrate), and their timing — moving more towards side-dress application rather than a fall or spring pre-plant treatment.

Dustin Johnson focuses on balancing his inputs with his bottom line. "Input optimization is not only a responsibility, but an opportunity for farmers. Excess fertilizer and chemicals are pollutants that we need to minimize from an environmental aspect. But it's a win-win, because the more we fine-tune our inputs, the more cost effective it is to produce."

Farmers throughout Clinton County have also experimented with cover crops, tillage or no-till practices, and variable rate applications.

BENEFIT – YOUR FUTURE

Proactive input management leads to improved soil health and water quality. Your decisions today impact your tomorrow.

David Beard continues to focus on his tomorrow. "We live where we farm, and it's our responsibility to maintain the land like we found it. I believe that we can farm and raise bountiful crops without affecting the environment adversely."





INfield Advantage is a proactive, collaborative opportunity for farmers to collect and understand personalized, on-farm data to optimize their management practices to, ultimately, improve their bottom line and benefit the environment.

LEARN MORE ABOUT INFIELD ADVANTAGE AT WWW.INFIELDADVANTAGE.ORG.

Contacts:

Meg Leader, ISDA Department of Soil Conservation, mleader@isda.gov
Ben Reinhart, Clinton County Soil & Water Conservation District & INfield Advantage
County Group Leader, benjamin.reinhart@in.nacdnet.net

INfield Advantage is brought to you by:

Indiana Soybean Alliance, Indiana Corn Marketing Council, Indiana State Department
of Agriculture, Indiana Association of Soil & Water Conservation Districts,
Purdue Extension and the Indiana Conservation Partnership.

This communication funded with Indiana soybean and corn checkoff dollars.