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3 Types of Data Management Strategies

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Abstract

The main goal of data utilization is to provide added value to the farm. That value can come in several different forms. By using on-farm data to inform decision-making, farmers can choose strategies that help them reduce risk, maximize profits or reduce inputs – or a combination of the three.

Disciplines

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Data Utilization

3 Types of Data Management Strategies

The main goal of data utilization is to provide added value to the farm. That value can come in several different forms. By using on-farm data to inform decision-making, farmers can choose strategies that help them reduce risk, maximize profits or reduce inputs – or a combination of the three.

1

REDUCE
RISKS

Pre-plant applications are highly susceptible to loss. In-season applications combined with aerial imagery provide time to assess crop nitrogen needs to help increase nitrogen use efficiency.

2

MAXIMIZE
PROFITS

Georeferenced scouting can provide the information to help target acres where these applications will be economical and avoid acres where disease thresholds are not met. This can help limit applications of costly fungicide and insecticide applications.

3

REDUCE
INPUTS

Results from on-farm seeding rate trials can be used to match seeding rates to areas of the field according to yield potential. These variable rate seeding prescriptions can help farmers potentially decrease seed costs.

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