



## NITROGEN MANAGEMENT: GAIN CONTROL THIS SEASON

The days of luxury nitrogen (N) application are over – especially as you navigate razor-thin margins and want to take control of how you use nitrogen in your own fields.

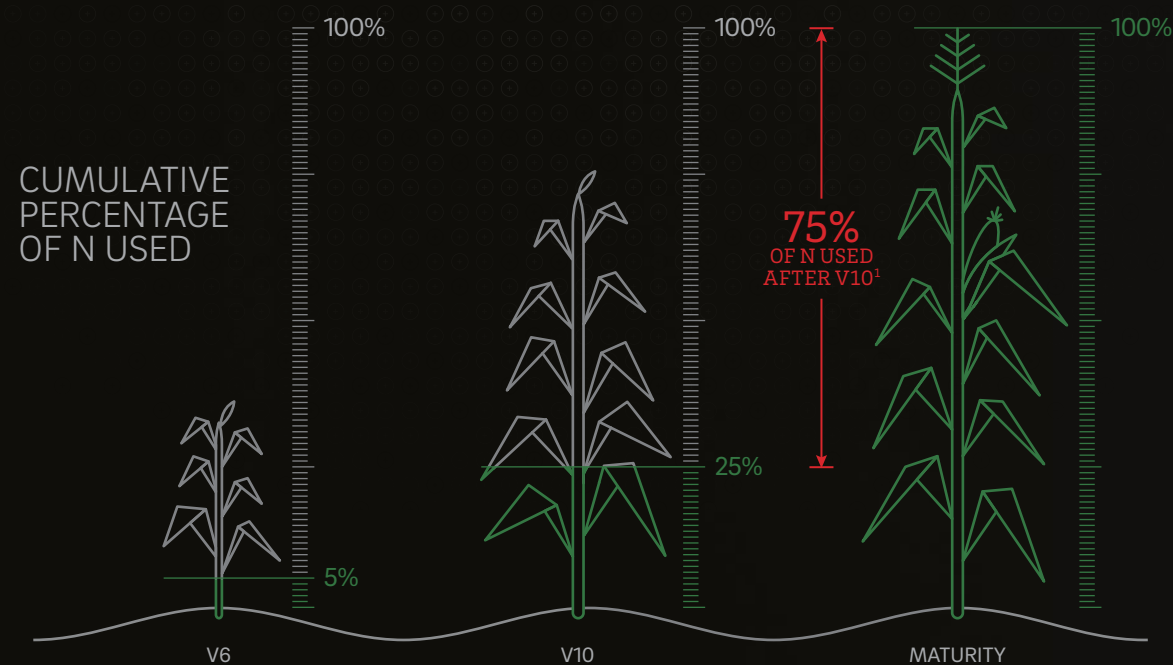
A nitrogen management system must be able to:

- + Know how much N is in your field right now
- + Revise your N plan midseason based on weather events and your crop's needs
- + Apply N when it's needed most to capitalize on yield potential

With smarter N management, you can make the most of inputs by applying N when it's needed most, instead of putting it out early when it's vulnerable to loss from rain and the environment.

### PROVIDE THE RIGHT AMOUNT OF N. WHEN AND WHERE YOUR CROP NEEDS IT.

Corn demands different amounts of N throughout the growing season, and 75% of N is used after V10.<sup>1</sup> With too little N late in the growing season – especially as kernels form – corn can have some very bad days.



## POTENTIAL WITHIN REACH

Gregg Sauder and his team of farmers, agronomists and engineers have a mission: for every farmer to reach the yield potential of modern seed corn.

As a farmer, Gregg has long focused on capturing more yield potential, and today, his team at 360 Yield Center is putting the farmer at the center of it all. Taking a 360-degree view of key yield-limiting variables and developing new ways to course-correct for better results. In short, their goal is to give you the power to sense, decide and apply what you need for better-performing crops and better on-farm profits.

### GET MORE OF THE POTENTIAL YOU PLANTED

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**360** } SOILSCAN } COMMANDER } Y-DROP & UNDERCOVER

<sup>1</sup> Data on file.

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+ SENSE + DECIDE + APPLY

GET MORE OF  
THE POTENTIAL  
YOU PLANT.





SENSE

KNOW EXACTLY HOW MUCH NITROGEN IS IN YOUR FIELD.

360 SOILSCAN™ is a portable soil testing system that listens to what your farm is telling you: from what's already in your field to what your crops need. It provides you with in-field soil nitrate results in as little as five minutes. 360 SOILSCAN can generate GPS-tagged, zone-specific readings with comparable accuracy to commercial labs. So you can test your soil any time you're about to make an N application decision.

IT JUST RAINED 3.5 INCHES. HOW MUCH NITROGEN DID YOU LOSE?

You put down 100 lb. of N in April. But with that big June rain and your corn's N demands growing every day, do you have enough N left? 360 SOILSCAN tells you exactly how much N is in your field. Giving you the ability to decide how much N to apply when your corn needs it most.

DECIDE

DATA DOESN'T IMPROVE YIELDS. SMART DECISIONS DO.

360 COMMANDER™ a Web-based crop modeling tool, gives you the power to create zone-specific seed rates, nitrogen and water applications, and more, based on full-season and real-time data — right up to the moment of application. It alerts you to yield-limiting variables on your farm and uses crop, field and weather data, and USDA soil records to generate recommendations that can help you course-correct.

TAKE CONTROL AND CAPTURE YIELD POTENTIAL.

That 3.5-inch rain event in June reduced the N in your field. But additional water raised yield potential. 360 COMMANDER alerts you to N as a limiting factor and runs scenarios based on current soil data and weather patterns to give you recommendations to capture the new yield potential. Using those recommendations, you apply a variable rate N application with an average of 83 lb. of N in late June — instead of a straight rate of 50 lb. in early June per the traditional plan. Which, come harvest, could be the difference between capturing 252 bu/A or 212 bu/A.

APPLY

WIDEN THE WINDOW FOR NITROGEN APPLICATION.

360 Y-DROP™ extends your nitrogen application window. Its unique design allows for more flexibility in timing for late-season N application and more precise application at the stalk base. So you don't apply N once and never come back — you can feed your crop when it needs N most.

75% OF N IS USED AFTER V10.<sup>1</sup>

With your 360 COMMANDER recommendations in hand, you know your corn needs a late-season N application to realize its potential. But you can't apply the prescription with traditional sidedress methods. Now, with 360 Y-DROP, you can apply N from V6 all the way up to VT. Giving your corn the N it needs, when it needs it, to reach 252+ bu/A. And even with \$4 corn, 60¢ nitrogen and \$135 seed costs per acre, that's an extra \$169 per acre boost to your bottom line.

LEARN MORE AT 360YIELDCENTER.COM/NITROGEN

