



## "Accessing Innovation"

### Getting the Most Out of your Nitrogen Application

You can save money and time by applying nitrogen in the fall. Including N-Serve in that application will help ensure that nitrogen is available when and where your corn and wheat need it most. When applied with anhydrous ammonia, N-Serve inhibits nitrification. So, including a nitrification inhibitor in your fall N management system can potentially help slow the conversion of ammonium to nitrate and optimize your yield.

Applying nitrogen at this time of year presents greater risk for potential nitrogen loss. It is essential for our growers to follow the 4R concept: the right fertilizer source at the right rate, at the right time, and in the right place. It is especially important to apply this concept to fall applications, since they are more vulnerable to loss. Adding N-Serve into that mix and applying the 4Rs could prove to be very beneficial!



### Grain Market Update: Lincoln Hillyer

Corn and soybeans finished the week on solid notes. There is no real news driving the market higher. Range bound moves continue to be the story. Domestic demand continues to show good signs while exports are dragging behind. In order to reach the projections for the marketing year, we will need to see a lot of new sales hitting the books.

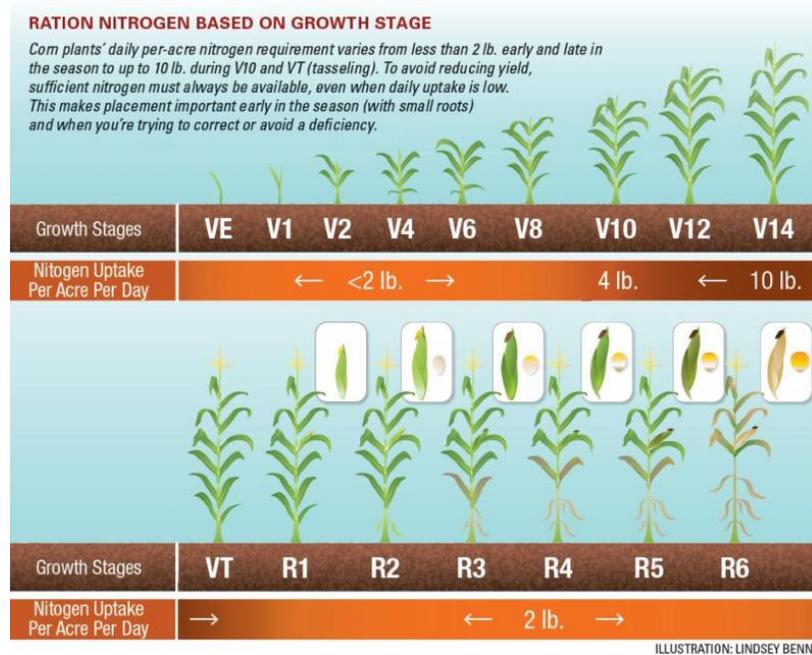
It's not too early to begin looking at next year's marketing goals. Especially in the corn market, we are experiencing healthy carries into new crop, and our cash bids reflect such opportunities. It may not be a bad idea to look hard at these numbers and begin to layer in some sales. Based on what we know now it doesn't appear corn acres are going down and demand hasn't kicked in. Barring a weather issue, we will most likely not see much change the next few months. Give a call, and we can discuss different strategies.

We do also offer the Ag Partners Offer Management App. This tool allows you to check cash and futures prices, as well as offering bushels at set target prices. You can utilize this at any time day or night. Feel free to inquire about this valuable option.

### Anhydrous Tips

- Stay on top of nitrogen uptake levels using tissue sampling; this will show how much the crop has already used, and how much is needed to finish growing.
- Get in contact with your Ag Partner's Agronomist to learn when plants need nitrogen. They will help you determine the ideal rate for your crop and field conditions, as well as the best timing and placement procedures.
- Younger plants will need help reaching the nitrogen; get them off to a good start with

creating the best nitrogen availability possible. From planting to thigh-high it is essential to get the plant as close to the nitrogen as possible.



- Ensure the plant has plenty of nitrogen during the rapid uptake period (V8-VT). At this time, making sure the plant is fed is very important but also much easier. The corn plant's root system tends to be about 1 ½ times its height, so the exact placement of nitrogen is less important. Soil tests and tissue tests can show whether your crop is in danger of becoming nitrogen deficient. If this is the case, especially during the period of rapid uptake, placement and timing become much more important again.
- Understand your hybrid's needs. For example, when you have a hybrid with a longer maturity, the more vital it is to have nitrogen readily available towards the end of the growing season. Also, some hybrids tend to respond better to nitrogen later on.
- Utilize your Agronomist and soil sampling results to understand your soil's unique nitrogen-supplying power. The rate, timing, and placement are key to the nitrogen's efficiency in the soil. The more nitrogen that is placed near the plant, around the time it is needed, will result in more grain produced and a more effective use of that nitrogen.



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