

To get a better understanding of the work done for the 4R4U plot, we asked the grower, Chad Bell, a few questions.

**1. Why do you believe that practicing the 4R method is important?**

The 4R method is important because it means that we are applying nitrogen in the most environmentally responsible method.

**2. In what ways outside of the 4R4U program are you practicing the 4R method?**

I am split applying nitrogen on 100% of my corn acres, as well as using urease and nitrification inhibitors. I have moved all of my N applications to spring.

**3. What is a benefit you have found using the 4R method?**

I have found that the nutrient use efficiency has been very high the last couple years. My lbs of applied N/bu of corn produced has been 0.6-0.8 on average.

**4. How would you define success of your nitrogen management plot?**

Success would be to find that the least amount of lbs of applied N/bu produced is the most economical. Maybe we are producing 300 bushel corn on 150 lbs of applied N instead of 200 bushel corn on 200 lbs of N.

**5. Did you start a new practice through this program?**

I have been doing a little soil nitrate testing off and on when weather conditions are conducive to N loss but it hasn't become part of my typical N management program.

July crop health map and climate data:

Highest Temperature: (°F) 92.0  
Lowest Temperature: (°F) 53.0  
Average Temperature: (°F) 76.1  
Growing Degree Days: 602  
Total Precipitation: (in.) 3.08



To get a better understanding of the work done for the 4R4U plot, we asked the grower, Chad Bell, a few questions.

**1. Why do you believe that practicing the 4R method is important?**

Practicing the 4R4U method is important in reducing nutrient run off into our waterways.

**2. In what ways outside of the 4R4U program are you practicing the 4R method?**

We've been practicing variable rate fertilizer both in the fall and when we sidedress.

**3. How would you define success of your nitrogen management plot?**

To me success in the nitrogen management plot is finding what works best for creating the highest yield in a cost effective manner while protecting against any nutrient runoff.

July crop health map and climate data:

Highest Temperature: (°F) 92.0  
Lowest Temperature: (°F) 53.0  
Average Temperature: (°F) 75.0  
Growing Degree Days: 602  
Total Precipitation: (in.) 2.43

