

Yellow Fever

Don't Catch it!

- One of the major agronomic issues of this growing season was a shortage of N to finish out the corn crop resulting in yellow looking fields when they should have been green.
- Granted in many areas it was a huge crop and we experienced high rainfall but a lack of late season N will likely be the #1 topic of conversation during the winter
- I pulled the following information from the September 26th Issue of the Purdue Crop and Pest Newsletter Issue #23. Here is a link to the full article regarding fall Nitrate stalk tests that they ran over multiple years. I would highly recommend you read the entire text. <http://extension.entm.purdue.edu/pestcrop/2014/issue23/index.html>

This is data from 2007-2009 and 2011-2013 and it indicates that:

- 63% of fields sampled had NO₃ concentrations in a range that likely led to lower yields.
- Not always but 83% of the time these lower NO₃ concentrations resulted in an average yield of 81% of normal.
- That's 38 bushels on a 200 bushel corn crop! That doesn't even include this year where I would suggest that number might be even higher!

OK great but what can we do about it? You guessed it, YDROP allows for later in-season nitrogen applications!



The two pictures above are side by side pictures from Lafayette, Indiana. They both have the same total N but the strip on the left had all its N applied as 28% at planting while the strip on the right received a V12 application via YDrop. Ear size difference is obvious but notice the big difference in plant health as well, can't wait to get you the yield data!