

# Illinois Agriculture Must Take Action to Reduce Nutrient Losses and Avoid Regulation!

Do your part to **STOP** potential regulations by adhering to the **4Rs of nutrient stewardship**: Talk to your crop adviser about Right Source, Right Rate, Right Time, Right Place practices on your farm to reduce losses of nitrogen and phosphorus and increase nutrient utilization.



**Keep it 4R Crop:** With the **Illinois Nutrient Loss Reduction Strategy** in place, agriculture must take action to reduce nutrient losses and protect water quality. Follow these **4R Practices** to reduce nutrient losses and demonstrate agriculture's voluntary commitment to nutrient stewardship:



## **DO NOT SPREAD DRY FERTILIZER ON FROZEN OR SNOW COVERED SOIL.**

*University of Illinois research shows that incorporating phosphorus containing fertilizers reduces surface runoff of P even on fields with less than 2% slope. Spread in fall or spring to **Keep it 4R Crop.***

**DO NOT APPLY ANHYDROUS AMMONIA IN THE FALL UNTIL THE MAXIMUM DAILY SOIL TEMPERATURE FALLS TO 50° AND IS TRENDING DOWNWARD.** Go to [www.ifca.com](http://www.ifca.com) and click on "Soil Temperature" to monitor soil temps and trends.

## **USE LABELED NITRIFICATION INHIBITORS ON ALL FALL APPLIED AMMONIA.**

*Also consider using labeled nitrification and urease inhibitors on early spring applied nitrogen to protect both water and air quality.*

## **USE THE APPROPRIATE NITROGEN RATE AND SPLIT YOUR NITROGEN APPLICATIONS.**

*Follow the Maximum Return to Nitrogen (MRTN) University of Illinois recommended rate for your region and soil type. Enter "MRTN Calculator" on your Apple device or [ow.ly/PRVU](http://ow.ly/PRVU) for DROID. Go to [www.Keepit4RCrop.org](http://www.Keepit4RCrop.org) to access to N-Calc, a web-based program to help develop your split nitrogen program.*

Talk to your ag retailer or crop adviser about 4R practices you can use to ensure Illinois farmers have freedom of nutrient choice today and well into the future. These 4R practices are endorsed by:

