

## Practical Training on Nitrogen Management in Row Crops

### AGENDA

8:30 AM Sign-in

9:00 Nitrogen Overview  
N cycling in soil, N uptake by crops

9:15 Nitrogen Sources  
N fertilizer sources, calculations, and application considerations, N mineralization from soil organic matter, cover crops, and organic amendments.

10:00 Crop Nitrogen Budgeting and Monitoring  
N uptake by crops, crop yield potential and N requirement, in-season monitoring principals

10:30-10:45 Break

10:45 Nitrogen and Irrigation management  
Considerations for different irrigation systems, opportunities for N leaching, N sidedressing.

11:00 Soil Sampling for Nitrogen Management  
Principles of soil sampling, interpreting a soil test report, performing and interpreting a nitrate quick test.

11:45 Small Grains Example  
Putting it all together, N rich strips, N small grains tool

12:15 PM Meeting adjourn and Lunch