**Highlights from DATCP’s Nitrogen Optimization Pilot Program**

1. Which is true about the nitrogen optimization pilot program (NOPP)?
   1. All projects take place at the university research station.
   2. Each research plot design is identical from project to project.
   3. Research projects are farmer driven and take place on farm fields across the state.
   4. The program is centered around phosphorus application.
2. What variable was explored in the Jefferson County case study from this presentation?
   1. Soil texture
   2. Manure inputs
   3. Hybrid variety
   4. Tillage
3. What pre-plant nitrate test value (lb/ac) would suggest taking a nitrogen credit?
   1. Under 20 lb/ac
   2. Over 5 lb/ac
   3. Over 10 lb/ac
   4. Over 50 lb/ac
4. Why is calculating the economic optimum nitrogen rate (EONR) important?
   1. It’s not useful and shouldn’t be calculated.
   2. Gives fertilizer amount that will be economically beneficial to farmer and prevent overfertilization of crop.
   3. Provides maximum potential yield at highest fertilizer rate.
   4. Value does not allow for profitable farming.
5. At what value is corn ear leaf %N considered sufficient?
   1. 15%
   2. 2.5%
   3. 0.3%
   4. 20%