**Measuring Nitrate Leaching in Wisconsin**

1. The two basic components of any nutrient loss are source and:
   1. Rate
   2. Timing
   3. Transport
   4. Sediment
2. Pan lysimeters are the monitoring method used by Discovery Farms and others in Wisconsin to quantify nitrate leached below the root zone.
   1. True
   2. False
3. If there is nitrogen left in the soil profile after a crop is harvested, what happens to it?
   1. Leached to groundwater
   2. Immobilized and stored in the soil profile
   3. Stored in crop residues
   4. Lost via other pathways
   5. All of the above
4. By doing a nitrogen rate trial with a zero N strip, you can calculate the potentially leachable nitrogen of your crop.
   1. True
   2. False
5. There is nothing that you can do to better understand the amount of nitrogen leaching to groundwater on a particular field if you don’t have monitoring equipment buried there.
   1. True
   2. False