Ammonia Detection

Ammonia is also used in the synthesis of methamphetamine. In North Dakota, it can be obtained from anhydrous ammonia tanks. The ammonia is a plant nutrient and in the soil it will undergo reactions so its lifetime in the soil is limited. Dr. Bob Crackel has been working with students on ultraviolet-visible absorption methods of determining the ammonia concentrations in soil samples. In this study one variable under investigation is the length of time the ammonia remains detectable.