## Comparison of nitrogen losses from two different fertilizer management plans

### LINCOLN LAND CC DEMONSTRATION FARM

**North—13.5 ac**
- **10/28/2015**: Cover crop planted + DAP (36 lb/ac N) + potash
- **10/30/2015**: Light disking
- **4/6/2016**: 117 lb/ac N
- **5/16/2016**: Corn planted
- **6/16/2016**: 50 lb/ac N sidedress

**South—11.1 ac**
- **10/28/2015**: Cover crop planted + DAP (36 lb/ac N) + potash
- **10/30/2015**: Light disking
- **4/6/2016**: 167 lb/ac N
- **5/16/2016**: Corn planted

### Cumulative Nitrate Loss

**Oct 2015—Mar 2016**
- 1.8 lb/ac N loss from LLCC North
- 3.7 lb/ac N loss from LLCC South

**Apr 2016—July 2016**
- 0.6 lb/ac N loss from LLCC North
- 0.7 lb/ac N loss from LLCC South

**Totals* Oct 2015—July 2016**
- **LLCC North**
  - 2.4 lb/ac N loss
  - 0.9 gal/min average flow
  - 10.5 ppm average NO₃-N
- **LLCC South**
  - 4.4 lb/ac N loss
  - 1.7 gal/min average flow
  - 9.7 ppm average NO₃-N

*Nitrogen losses are driven by flow, concentrations have been similar