

North—13.5 ac

South—11.1 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**

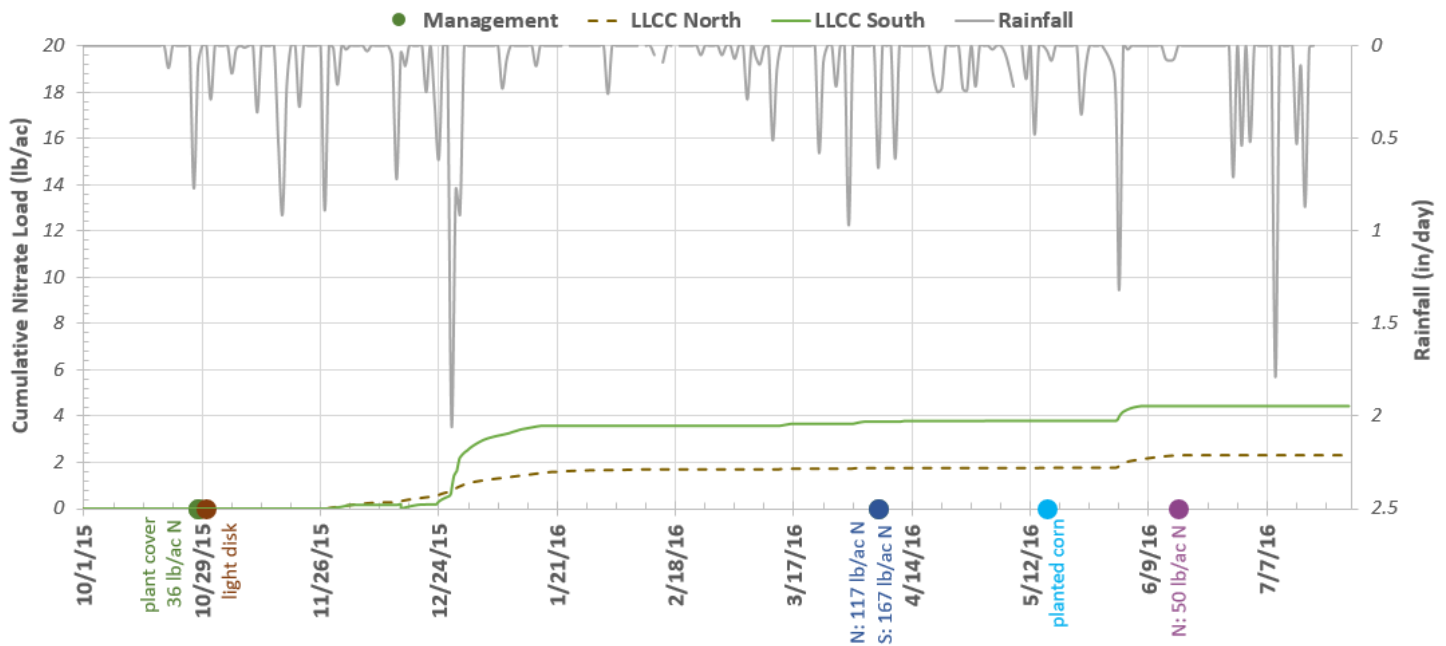
10/28/2015 **Cover crop planted + DAP (36 lb/ac N) + potash**

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