

October 14, 2008

**AGRO / MSYM / AGEN 431**  
**Site-Specific Crop Management**  
*Fall 2008*

**Assignment 5 (10 pts)**

Due: November 11, 2008

1. Complete Lesson 5 of the on-line Tutorial on Application of Manifold GIS Software for Precision Agriculture (<http://bse.unl.edu/adamchuk/manifold>).

Username: \_\_\_\_\_

Password: \_\_\_\_\_

2. Prepare a written report containing two different prescription maps for one agricultural input (lime, nitrogen or phosphorous fertilizer, etc.). Your maps should look different than those in the tutorial.
3. Investigate correlation(s) of relevant soil property(ies) with yield and electrical conductivity data and discuss your observations.