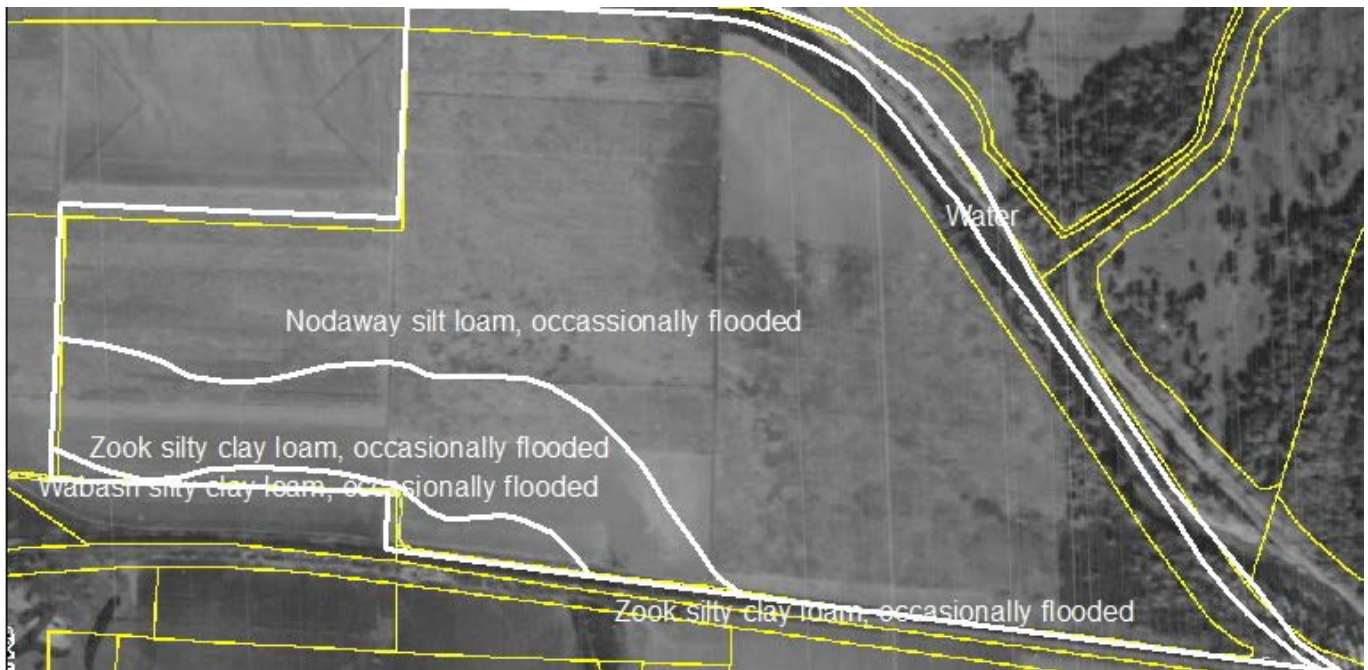


SARE UAV Nitrogen Project

5 Years (2002, 2003, 2005, 2009, 2016) Normalized Yield Data
(red = below average; green = above average)



1937 Imagery with Soil Series Overlay

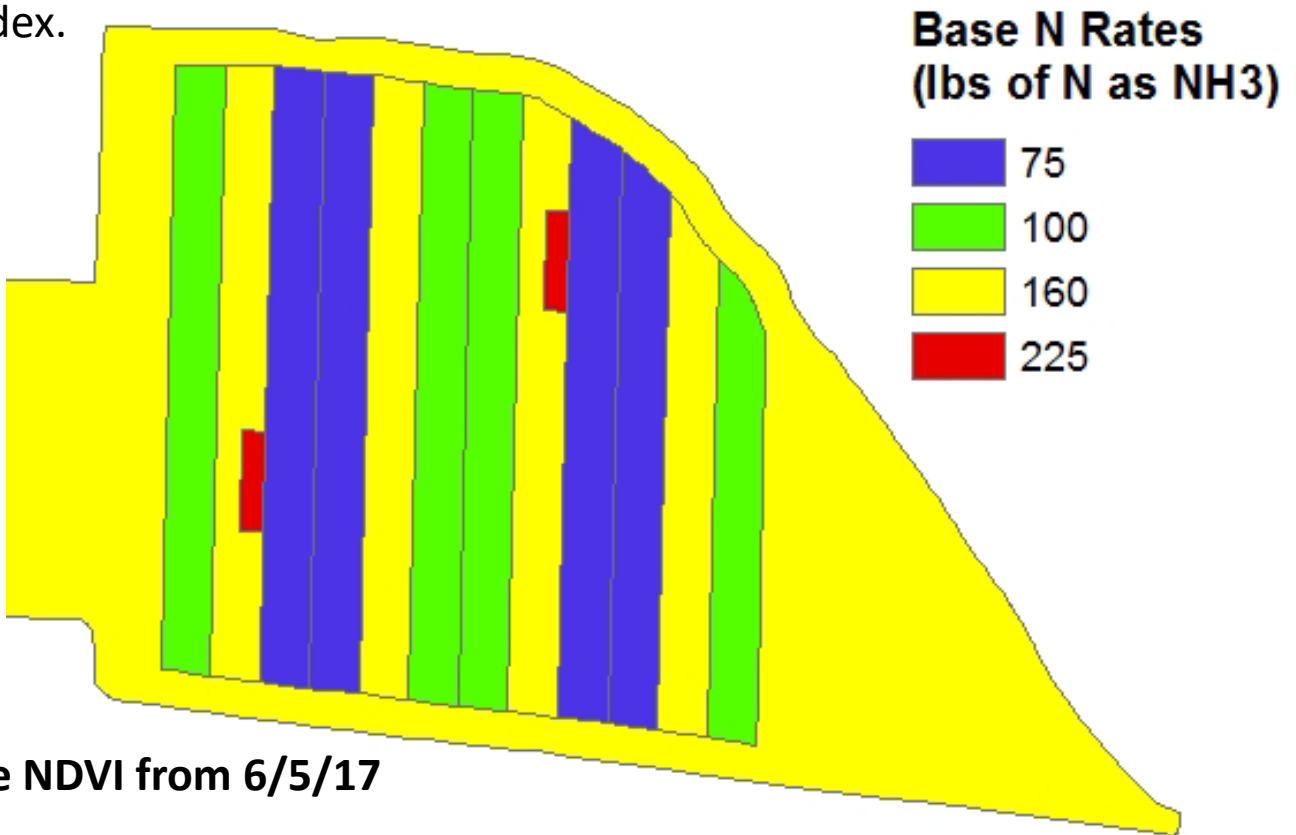


Combine soils, yield history, and EC data to create management zones based on yield potential.

Treatments:

Base N Rates Applied as Anhydrous Ammonia

- Yellow is farmer rate.
- Green and blue will receive in-season applications based on drone imagery. Application will be Urea applied by a variable rate airplane.
- Red is a high N reference which will be used to calculate a sufficiency index.



Drone NDVI from 6/5/17

