

2015 Michigan Wheat Field Day

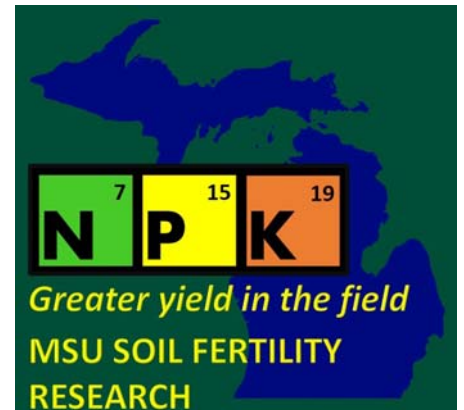
Soil Fertility & Nutrient Management Research

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Achieving Winning Nitrogen Combinations

- **WHAT?** 3 planting dates, 3 N rates, and 3 N application timings being studied to optimize winter wheat production
- **WHY?** To identify a toolbox of wheat N management strategies that may be adjusted according to planting date for individual grower operations throughout Michigan
- High management and high N are *NOT* synonymous terms
- Planting date is a critical factor when discussing high management wheat production
- Optimal planting date by nitrogen rate interactions to maximize yield



Unpredictable Michigan Spring Weather

- Air and soil temperatures
- Growing degree days
- Importance of rainfall



Differences in winter wheat spring growth 4/18/14 (left) and 4/16/15 (right). The difference here is due to a slight increase in growing degree days in spring 2015.

