Date of planting and nitrogen management for malt barley production in the Northeast USA

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1. Title of dataset.
Data for: "Date of planting and nitrogen management for malt barley production in the Northeast USA"

2. Author Information

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Directory of Files
A. Filename: barley_dopn.xlsx
Short description: Barley date of planting and nitrogen fertility data.

Data description for: barley_dopn.xlsx
1. number of variables: 18 (in columns)

2. number of observations: 144

3. Missing data code: "."

4. Variable list:

Explanatory variables:
- year (1 = 2014/2015, 2 = 2015/2016)
- rep (block number)
- year x rep (combined year and rep)
- date of planting (day of september)
- fall n (CAN) (kg/ha)
- spring n (CAN) (kg/ha)

Response variables:
- survival (%)
- foliar disease (%)
- heading date (julian)
- grain yield (13.5% moisture) (Mg/ha)
- agronomic nitrogen use efficiency (g change in yield/g N)
- protein (0% moisture) (g/kg)
- test weight (kg/hL)
- falling number (sec)
- DON (ppm)
- germination after 3 days (%)
- height (cm)
- Lodging/Stem breakage (%)
