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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 (%)

