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

Arthur Siller University of Massachusetts Amherst

Masoud Hashemi University of Massachusetts Amherst

Alexandra Smychkovich University of Massachusetts Amherst

Caroline Wise

Heather Darby University of Vermont

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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

Name: Arthur Siller Institution: UMass Amherst Email: asiller@umass.edu

Name: Masoud Hashemi Institution: UMass Amherst Email: masoud@umass.edu

Name: Alexandra Smychkovich Institution: UMass Amherst Email: asmychko@umass.edu

Name: Caroline Wise

Name: Heather Darby Institution: UVM Email: heather.darby@uvm.edu

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)

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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 (%)
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