

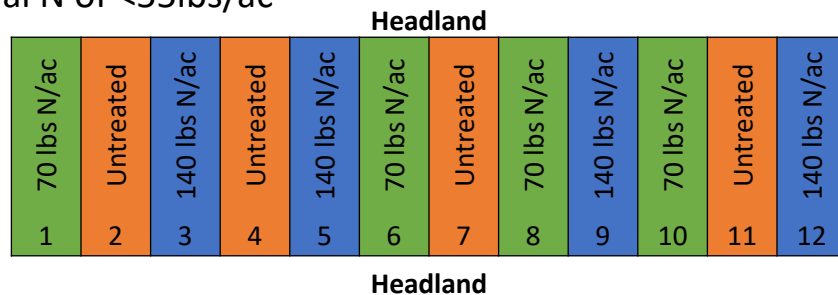


# Dry Bean Fertility Trial

**Objective:** To quantify the agronomic and economic impacts of nitrogen fertilizer rates in pinto or navy beans.

## Trial Summary

- Establish the following treatments the length of your field according to the example plot layout provided:
  - Low Nitrogen Rate – 70 lbs N/ac of 46-0-0
  - High Nitrogen Rate – 140 lbs N/ac of 46-0-0
  - Untreated – No nitrogen fertilizer
- The width of each strip should be at least as wide as one combine pass
- Dry bean varieties must be either T9905 (Navy) or Windbreaker (Pinto).
- Field residual N of <55lbs/ac



## Farmer Requirements

- Establish the trial using a provided plot plan using your own equipment
- Nitrogen fertilizer application method – spring broadcast and incorporated
- Manage the trial area the same as the rest of the field
- Harvest the strips using a provided weigh wagon to collect accurate yield data
- Be a member in good standing with MPSG

## MPSG Requirements

- Provide research support by being available during trial set-up and harvest
- Collect data from the trial throughout the growing season
- Provide a report for your trial and a summary of similar trials

**To join the On-Farm Network or for more information, visit [manitobapulse.ca](http://manitobapulse.ca) or contact:**

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