



Objective: The intensive oat management trial assessed the impacts of different treatments on oats. Three varieties of oats were used, and management strategies included varying levels of nitrogen, nitrogen timing, effects of fungicides and plant response to growth regulators. was done to measure the impacts of different treatments on oats.

Outcomes: Camden oats had the highest yields among the 3 varieties. Adding nitrogen and using growth regulators improved the oat yields though there was no major improvement when Twinline was sprayed. Adding higher rates of nitrogen slightly increased yields but further costing would determine whether that increase would result in a positive return.

Trial:

Treatments: Dieter no N, Morrison no N, Camden no N, Dieter 60N, Morrison 60N, Camden 60N, Dieter 60N+30N at flag leaf, Morrison 60N+30N at flag leaf, Camden 60N+30N at flag leaf, Dieter 90N, Morrison 90N, Camden 90N. These were all tested with and without Twinline and with the growth regulator Manipulator.

Seeding Date: May 5, 2016

Seeding Rate: 330 Seeds/m², 8rows, 7inches apart

Fertilizer: Due to protocol

Sprays: 0.5L/ha Twinline on June 29, 1.25L/Ha Logic M on June 1 2016, Manipulator put on June 24

Heading Date: July 13, 2016

Mature Date: August 11, 2016

Harvest Date: August 26, 2016





