

# 2004, Hiniker, Cooler, Impellicone compared to Exactrix 2KFT

Exactrix Test Data supplied by producer Steve Peterson, Wheatfield IN.

# CORN

Exactrix-Gram, \$1,000 paid to all Exactrix producers generating randomized and replicated plots to determine nitrogen use efficiency.

November 2004.

Continuous corn rotation, tillage.

Maximum Economic Yield: 160 lbs. N/A.

Marginal Return Point: 120 lbs. N/A.

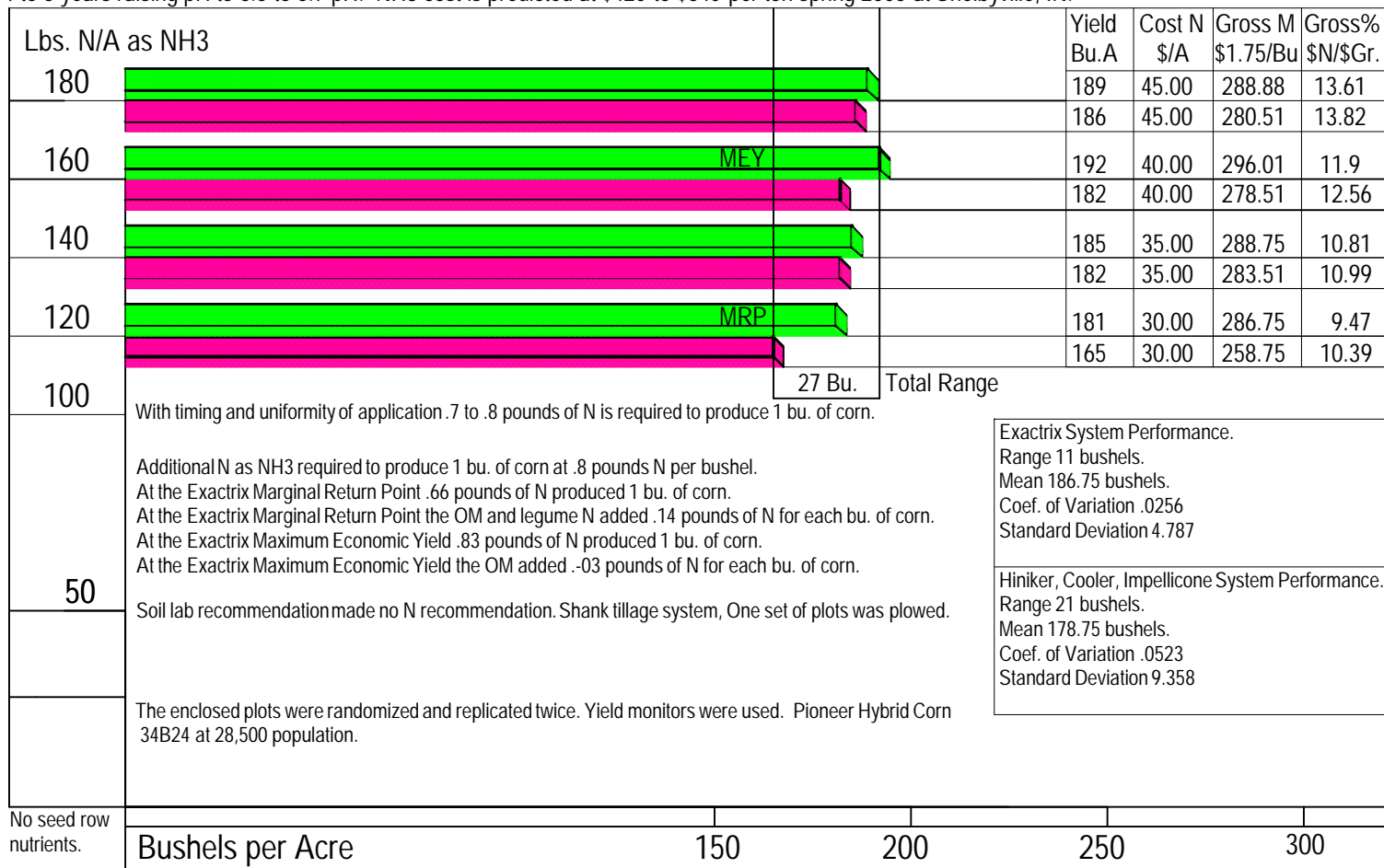
Significant Placed Nutrient Advantage:

1. Exactrix low CV, uniform application.
2. Exactrix NH<sub>3</sub> applied as a liquid.

Continuous corn producer Steve Peterson at Wheatfield, IN raised 16 more bushels of corn at MRP with the Exactrix as compared to Hiniker, Cooler Impellicone system.

At Maximum Economic Yield Steve raised 10 more bushels of corn with Exactrix as compared to Hiniker, Cooler, Impellicone. Steve's field wide averages were 205 bushels per acre.

Steve raises 750 acres of continuous corn and also custom applies nutrients. In 2005 Steve plans to convert from the 2KF volumetric system to the 2KC Weigh Master using Coriolis Mass Flow. He will also test dual placement with the a 15" shank type tool bar using Exactrix Delta P system. Steve has sandy soils to heavy much clay soils with pH in 6.2 range. Sulfur appears to be deficient on based on tissue samples. Steve limes every 4 to 5 years raising pH to 6.5 to 6.7 pH. NH<sub>3</sub> cost is predicted at \$420 to \$540 per ton spring 2005 at Shelbyville, IN.



Caution: Applying too much nitrogen can be detrimental to the corn crop. Always keep in mind that yield reductions can occur if the producer oversupplies nitrogen. Exactrix nitrogen is 40% more crop available.