

MRTN ON-FARM STRIP VALIDATION TRIAL

“Maximum Return to Nitrogen” is the N rate at which the RTN is at its highest point across a set of trials. This is a great way to test how the University of Illinois’ MRTN works on your own soils.

BENEFITS

PCM farmers are eligible to receive **\$250 per field** to install N strip trials (24 rows total) testing the MRTN fertilizer rate against their traditional N rate. In addition to the monetary payment, farmers receive an individualized report demonstrating crop yield and profitability differences between their traditional N fertilizer rate and the MRTN strip trials.

REQUIREMENTS

If the farmer applies greater than the MRTN rate, they agree to reduce their total N fertility rate to the MRTN in the strips. If the farmer applies below the MRTN, then they increase their N rate to the MRTN across the strips.

Farmers need to supply:

1. Either the as-applied map showing locations of N applications OR the lat/long coordinates of the row passes
2. Calibrated yield monitor or similar quality yield results



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