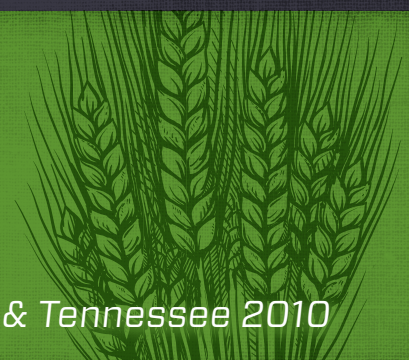


# Nutrient Uptake Study Winter Wheat Yield Response to **Transit Soil**<sup>®</sup>

**Randomized Replicated Trials** Illinois, Arkansas & Tennessee 2010



## RESEARCH SUMMARY

In 2009, field research trials were conducted by university and third party, independent consultants to evaluate winter wheat yield response to **Transit Soil**<sup>®</sup>. These randomized, replicated trials were conducted at 4 locations across 3 states (Illinois, Arkansas and Tennessee).

## TREATMENT PROGRAM

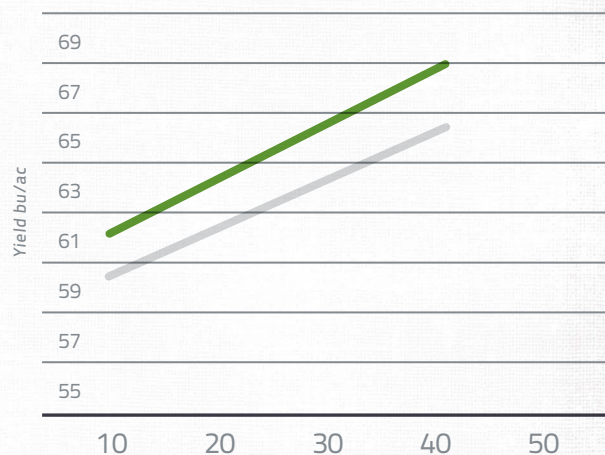
**Transit Soil**, coated on granular NPK fertilizer at **6 oz/acre**, significantly improved yields and the uptake of N, P, K, Ca and Mg.

## RESULTS

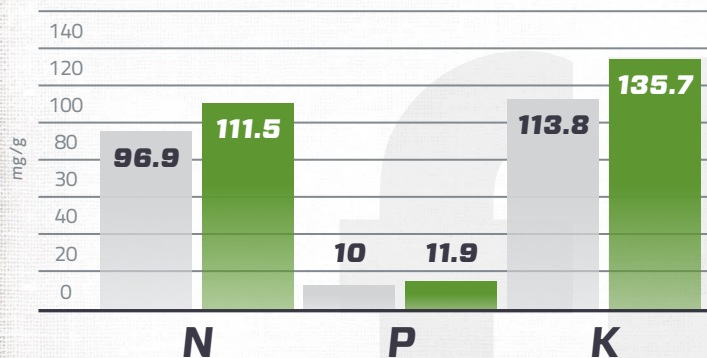
Significant yield increase across all rates of potassium fertilizer.

- >> 15-20% increase in N uptake
- >> 18-20% increase in P uptake
- >> 17-19% increase in K uptake
- >> 22-24% increase in Ca uptake
- >> 22-23% increase in Mg uptake

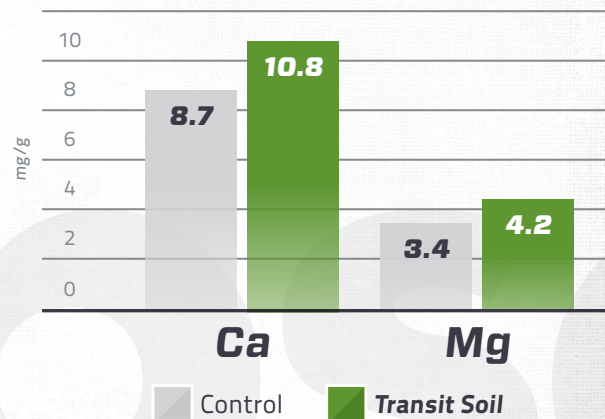
## WHEAT YIELD RESPONSE Coated Potassium Fertilizer 2009



## INCREASED NUTRIENT UTILIZATION Winter Wheat Arkansas 2009



## INCREASED MICRONUTRIENT UTILIZATION



Control Transit Soil

USA040618