MANAGING NITROGEN WITH ECONOMIC IMPLICATIONS IN EARLY AND MEDIUM-LATE COLORADO RUSSET POTATOES

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THANK YOU FOR THE SUPPORT
Proper nitrogen management is key to any successful potato production. Potato cultivars differ in their response to the quantity of nitrogen applied, and the timing of application. There is the need to develop nitrogen management guidelines for new cultivars.
Medium - Late Russet Cultivar
Response of CO05068 to Nitrogen Application Rate
TREATMENTS

0, 60, 120, 180, 240 lb./acre

N fertilizer used: 32-0-0

Residual Soil N = 54 lb. N/Ac
EXPERIMENTAL SITE AND DESIGN

- Soil: Gravely Sandy Loam
- RCBD
- Replication: 4
RESULTS AND DISCUSSION
CANOPY DEVELOPMENT (LAI)
Response of CO05068-1RU to Nitrogen Application Rate (Canopy Development)