SloN PLUS™ OUTPERFORMS COMPETING SLOW RELEASE NITROGEN PRODUCTS

The FBS Lab at Innovation Research Park, Old Dominion University | Norfolk, VA

RESEARCH SUMMARY

In 2020, a replicated growth chamber experiment was conducted on spinach to demonstrate the performance of SloN Plus compared to four competing slow release nitrogen products. Assessments taken include average dry plant mass, average number of leaves, average length of longest leaf, and chlorophyll density.

TRIAL DESIGN & PROTOCOL

Treatments

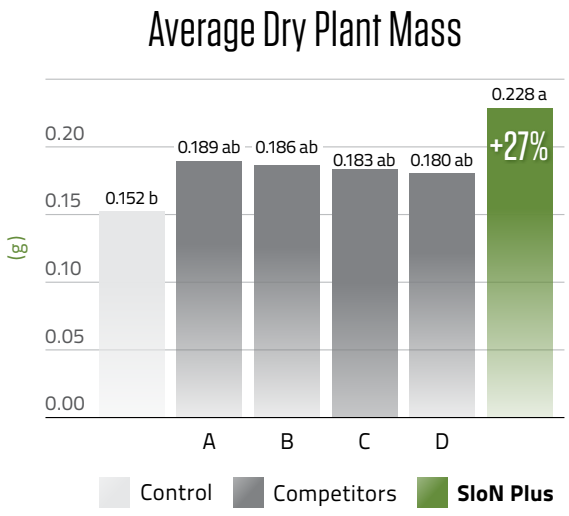
- T1: Control
- T2-T5: Competing Products (A-D)
- T6: **SloN Plus**

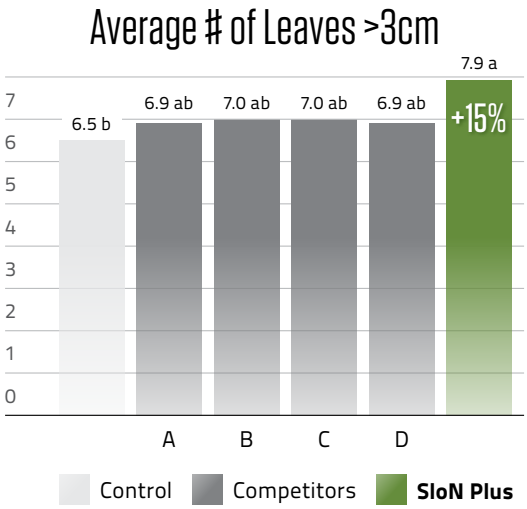
Each treatment received 2.9 lb N/acre applied to the foliage

RESULTS

On average, SloN Plus significantly outperformed the competing products on all measured assessments including:

- **Average Dry Plant Mass (+27%)**
- **Average # of Leaves >3cm (+15%)**
- **Average Leaf Length (+7%)**
  (Base to Tip of Longest Leaf)
- **Average Chlorophyll Density (+6%)**
  (Newest Leaf >3cm)





SloN PLUS™ SIGNIFICANTLY OUTPERFORMS COMPETING SLOW RELEASE NITROGEN PRODUCTS

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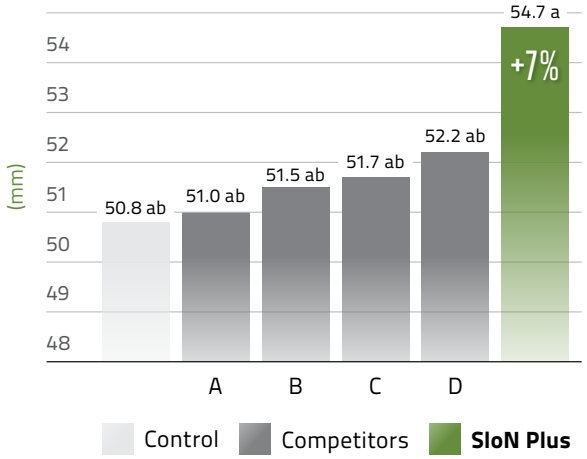
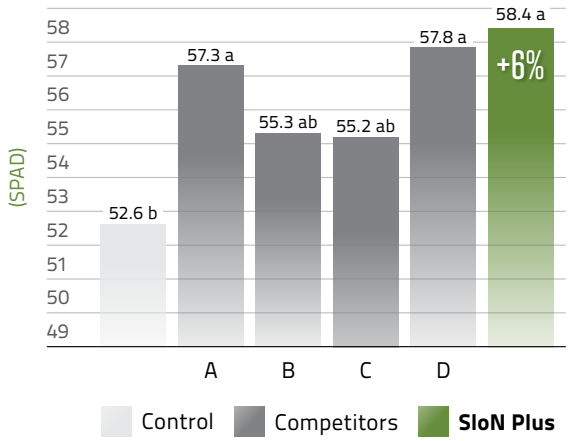
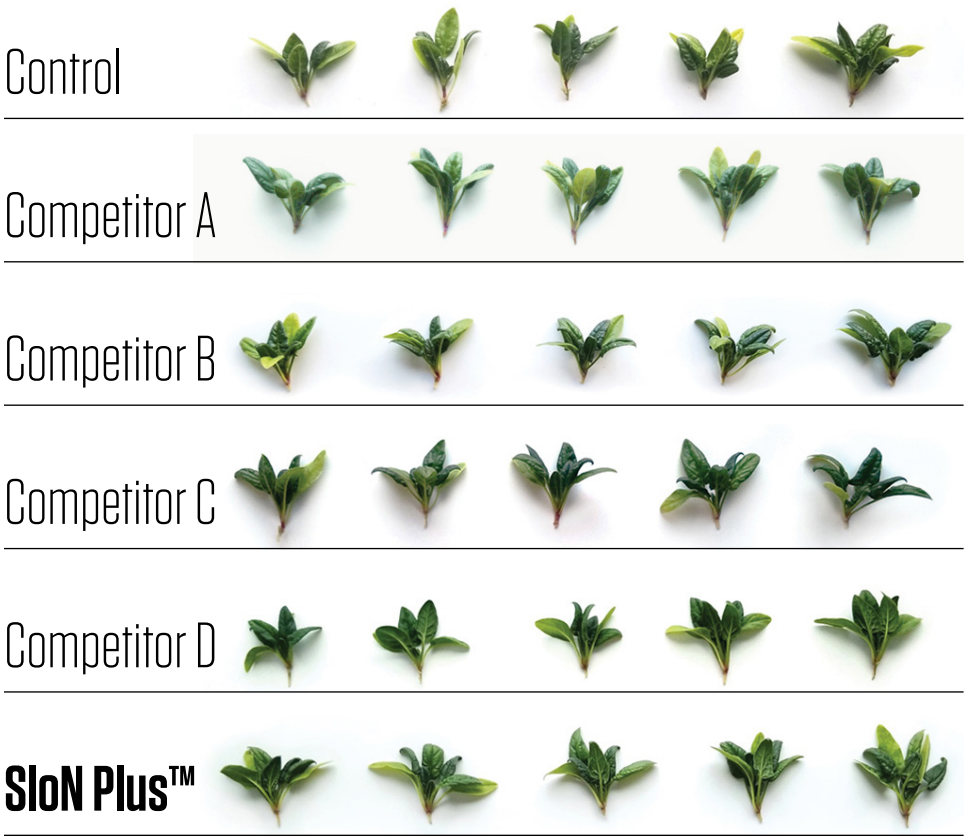
Average Length from Base to Tip of Longest Leaf



Average Chlorophyll Density of Newest Leaf >3cm





- **Increased Plant to Plant Uniformity**
- **Increased Chlorophyll Density**
- **Healthier, Denser Plants**
- **Denser Leaves**