



LATE HARVEST SUGAR BEET TRIAL SUMMARY

OBJECTIVE

This trial was performed to assess the benefits of using **TrueSolum**® on late harvest sugar beet.

TRIAL SPECIFICS

Location: North Lincolnshire, England, UK

Planting Date: May 3, 2023

Harvest: January 12, 2024

Application Dates: May 23, 31, and June 6, 2023

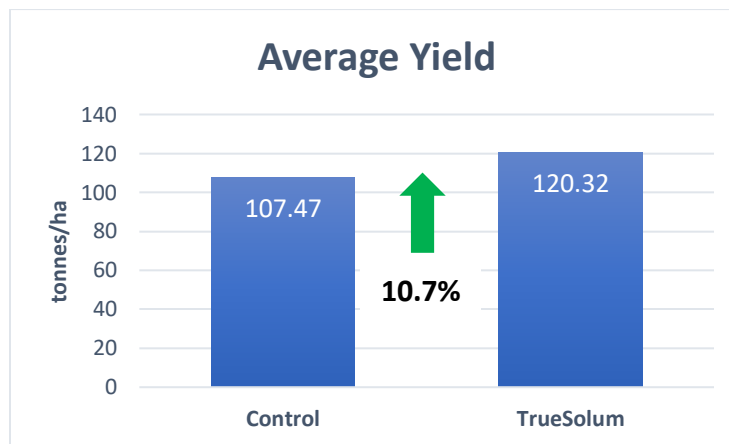
Treatments

- Control: Normal farm program
- Treatment: Normal farm program + TS applied at 10 l/ha (1 gal/acre)

OVERVIEW

In 2023, the spring was particularly wet, and planting was delayed by about 6 weeks to early May. Emergence began on May 16th and treatments with TrueSolum started one week later, on May 23 with 3 treatments spaced one week apart. Treatments were applied via a broadcast sprayer. A test dig was performed on January 12, 2024 to predict yield. Four randomly selected yield assessment plots were harvested using the following steps: measuring 20 meters of row length and counting the number of plant positions; calculating plants per hectare by multiplying plant position count by 1000; assessing root weights by digging up 10 consecutive roots in a row; scraping off soil, removing leaves and tops; weighing beets and calculating averages from the 4 plots; and including 15% harvest losses in the calculations.

RESULTS



CONCLUSIONS

Applications of **TrueSolum** improved yield weight of late harvest sugar beets. Approximately 50% of the demand for sugar in the United Kingdom is produced from domestically grown sugar beets. Increases in yield could allow for fewer acres need to meet this demand.



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