

## Maximise Your Sugar Beet Yield!

For over 50 years, Germains have been delivering innovative new seed technologies to UK Sugar Beet growers.

We are continuing to support the industry with the launch of a new product: **Xbeet<sup>®</sup> enrich<sup>100</sup>**

## Yield Results

### Small Plot Trials

Xbeet<sup>®</sup> enrich<sup>100</sup> demonstrated an average increase in yield of **1.3%**.

#### What are Small Plot Trials?

- Trial Design: Small randomised blocks
- 3 years of trials, across 13 UK trial sites on 6 varieties

### Strip Trials

The Strip Trials achieved a **4.4%** increase in yield.

#### What are Strip Trials?

- Strip Trials studied the performance of Xbeet<sup>®</sup> enrich<sup>100</sup> in large replicated strips across the field, this takes into account variable field conditions
- Pellets are planted with a commercial drill, the fields are managed using standard agronomic practice and the roots are harvested with a commercial 6 row harvester
- The trials demonstrate a yield benefit under conditions as close as possible to normal farming practice

### General Trial Information

- Germains' field trials are completed on UK sites with Armstrong Fisher and the BBRO
- Data independently analysed by NIAB. Difference significant at 95% confidence level

## Key Benefits

- Faster emergence in UK field conditions
- Greater leaf coverage
- Improved uniformity
- Stronger plants leading to increased yield potential

## What is Xbeet<sup>®</sup> enrich<sup>100</sup>?

Xbeet<sup>®</sup> enrich<sup>100</sup> is a combination of a new pellet and elicitor treatment that promotes stronger plants, leading to greater yield potential.

## What is an elicitor?

Naturally derived elicitors set off chain reactions that trigger different responses to not only pathogenic fungi and bacteria but also abiotic stresses such as drought, heat and cold.

These reactions improve stress tolerance, crop establishment, growth and ultimately the yield of the Sugar Beet.



# Xbeet® enrich<sup>100</sup>

## Faster Emergence

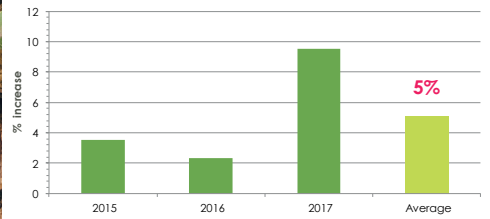
Xbeet® enrich<sup>100</sup> demonstrated a **9.6%** increase in emergence at an early count demonstrating faster emergence and a **2%** increase in final emergence compared to Xbeet® plus technology.

## Greater Leaf Coverage

Leaf area is measured using our unique image capturing programme to analyse the leaf area of plots so we can monitor early plant development.

Xbeet® enrich<sup>100</sup> demonstrated a greater leaf area of **5%** relative to Xbeet® plus.

Percent improvement in total leaf area  
Xbeet® enrich<sup>100</sup> compared to Xbeet® plus



Want to  
discover more  
about Xbeet® enrich<sup>100</sup>?

Email us at  
[UkSugarBeet@germains.com](mailto:UkSugarBeet@germains.com)

Tweet us   
[@GermainsUKBeet](https://twitter.com/GermainsUKBeet)



We Maximise Nature's Potential™

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