

Xbeet® enrich 200 Technical Data Sheet

Accelerating growth from seed to maturity

We are proud to offer our new and improved product in the Xbeet® enrich series. Using cutting-edge seed technology, Xbeet® enrich²⁰⁰ promotes early plant growth and crop development. Independent verified testing* shows that Xbeet® enrich²⁰⁰ outperforms its market-leading predecessor Xbeet® enrich¹⁰⁰.

What is Xbeet® enrich²⁰⁰?

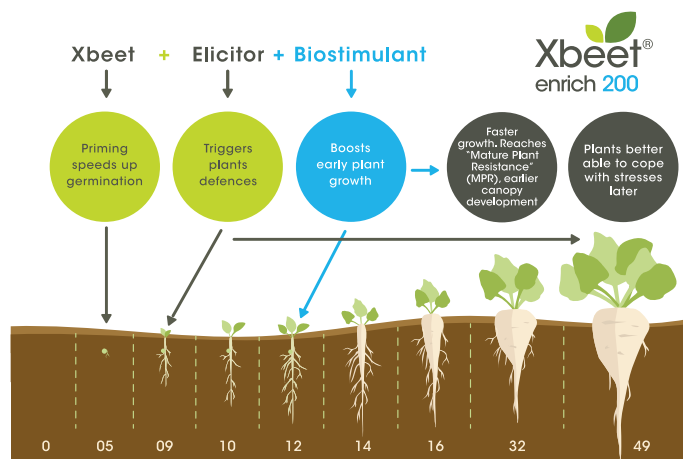
Xbeet® enrich²⁰⁰ helps young plants reach the critical 12-leaf stage as quickly as possible. This ensures sugar beets have the natural defences needed to cope with later stressors, such as suboptimal environments and unpredictable weather conditions.

How is it different from Xbeet® enrich¹⁰⁰?

Xbeet® enrich²⁰⁰ includes all the effective ingredients of Xbeet® enrich¹⁰⁰, with the added benefit of an innovative plant-derived biostimulant. In combination with the elicitor, this boosts early plant growth, helping crops deal with pressures of pests, diseases and competitive weed situations.

What is biostimulant?

Biostimulants are defined as "materials, other than fertilisers, that promote plant growth when applied in small quantities." Using a biostimulant has been proven to boost early growth, helping plants during the most vulnerable stage of development.



Key benefits



Increases the promotion of plant emergence



Uses biostimulants for improved early crop growth



Further enhances uniformity of canopy cover



Helps deliver more consistent, higher-yielding crops



Trialled and tested for UK climate



Independently verified results

Xbeet® enrich²⁰⁰ trial results

Plant weight (controlled environment test)

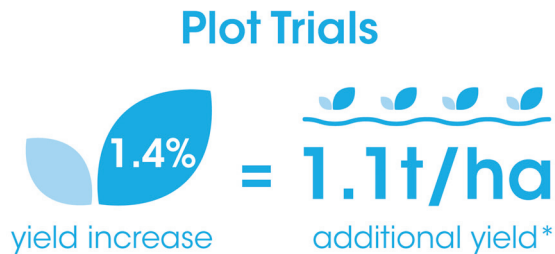
Xbeet® enrich²⁰⁰ has shown an increase in plant weight, demonstrating the impact of biostimulant in boosting early plant growth. This has direct influence on the final sugar yields and profits.



Small plot trials

Small plot trials have shown an average yield benefit of 1.4% over Xbeet® enrich¹⁰⁰ during 3 years of trials.

This yield increase results in an additional yield of 1.1 tonnes per hectare. Results were significant at 95% confidence level, all data verified by NIAB.



Strip trials

Strip trial data from 2018 highlighted an average of 2.5% increase in yield across three trial sites.

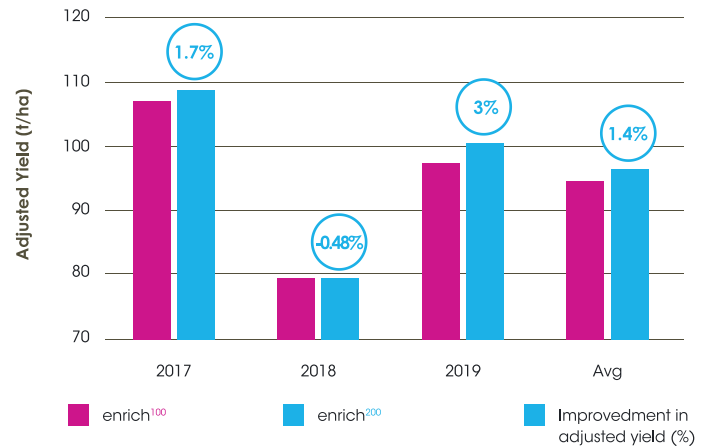
This yield increase resulted in 1.9 additional tonnes per hectare.



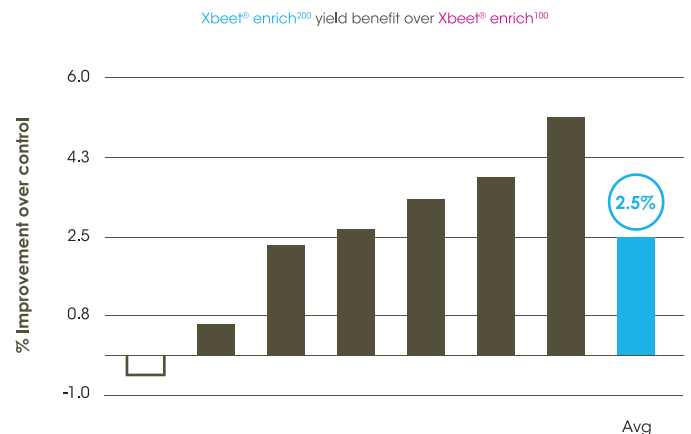
Yield results*

For decades Germains' scientists have been conducting field trials across the UK to measure how our Xbeet® products perform in various soils and conditions. Independent trials have been carried out in collaboration with Armstrong Fisher, BBRO and verified by NIAB.

Small plot trials have shown a significant yield benefit of 1.4% from Xbeet® enrich²⁰⁰ vs Xbeet® enrich¹⁰⁰ during 3 years of trials.



Commercial scale strip trials in 2018 & 2019 have given an average of 2.5% increase in yield across three trial sites in the UK.



germain's
seed technology

We Maximise Nature's Potential®

Want to discover
more about our
Xbeet® enrich series?

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🐦 @GermainsUKBeet

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