

Client Case study

Product	Stimplex®	Client	Bell Brothers Nurseries Ltd.
Application	Via fertigation	Sector	Nursery
Date	July 2016	Issue	Plant health, speed of growth
Location	Lincolnshire	Result	Effective treatment with reduced rates

Background

Neil Chambers is Technical Manager at Bell Brothers Nurseries Ltd. Having a good knowledge of the use of biostimulants to improve rooting and nutrient-use-efficiency Neil had previously trialled a number of seaweed extracts with varying results.

Product and Application Rate

Stimplex® was introduced initially in 2012 and usage has increased year on year. Stimplex® is now fed to the plants at a constant rate of 0.1ml per litre of water through the irrigation system. Stimplex® is added to the feed regime as a background when the plugs are at true leaf stage, and the pot plants from potting stage.



Enhanced root development in plugs with Stimplex®- Cineraria Silver Dust at 2 weeks



Boost to root development Gazania plants



Untreated

Treated with Stimplex®

Results

With no increases in fertiliser use other than the inclusion of Stimplex®, growing times for many of the potted plants have been consistently reduced by an average of 1 week. Input costs have been reduced in line with the shortened growing times and general improvements in plant health have allowed for a reduction in use of fungicides and insecticides.

Client Comments,

“In our experience, Stimplex® is the best seaweed extract there is. We use it all the time and on everything. For the relatively low cost of applying Stimplex®, we have

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managed to reduce inputs of more expensive chemicals across the board, shorten growing times and produce healthier plants. The use of a natural product and a reduction in chemical inputs is also in keeping with our environmentally-conscious approach to growing."

"You only have to look at the plant roots to see the biostimulant effect of Stimplex®. With such rapid and sustained root development we are achieving much more efficient nutrient uptake from the compost but other benefits are less obvious. In addition to being healthier, our plants are more resistant to water stress - which means less water is required, and the stimulation of more branching increases plant density and number of blooms per plant."

Neil Chambers, July 2016