

SUSTAIN & GAIN WITH



ENTEC technology drives better quality

A new fertiliser has helped one horticulture farmer in the Fassifern Valley improve the quality of his vegetable crops and decrease his fertiliser rates.

Glenn Abbott farms 120 hectares with his family near Kalbar in Queensland's south-east region, growing and processing a range of vegetables including carrots, lettuces, onions and beetroot.

In 2008, Glenn began using fertilisers treated with ENTEC, an ammonium stabiliser developed by BASF and distributed in eastern Australia by Incitec Pivot Fertilisers.

ENTEC slows down the process of nitrification, which retains more nitrogen in the ammonium form and lowers the risk of nitrate leaching and denitrification losses.

Glenn said the treatment helped deliver better value for money from his nitrogen applications as well as helping reduce nitrogen spikes in his vegetables.

"The plants had access to a more even uptake of nitrogen, with ENTEC helping deliver a steady release of nitrogen, rather than large hits throughout growing stages of the crop," he said.

"It also meant we avoided cases of Jelly Butt in the lettuce crops, where the lettuce wilts and dies from receiving too much ammonium at once."

Glenn used a range of ENTEC nitrogen products, including urea and Nitrophoska Special®.

He also used liquid nitrogen fertiliser, EASY N®, in his operations.

Overall, Glenn said ENTEC helped deliver a better quality product due to the controlled nitrogen release.

"It has also helped me reduce my nitrogen fertiliser application rates by up to 25%, which is great when input costs are high."

Trials in Europe show that ENTEC has the potential to increase yields and improve the quality of horticultural crops.

The stabiliser also demonstrated it could help nitrogen fertiliser



Glenn Abbott has received excellent results from using Incitec Pivot fertilisers treated with ENTEC

more closely match the nutrient requirements of the crops by slowing the process of nitrification, reducing spikes or flushes of nitrate.

Glenn Abbott on ENTEC fertilisers :

- Reduced incidence of Jelly Butt in lettuce crops
- Helped reduce nitrogen fertiliser rates by 25%
- Better quality crop.

www.entecfertilisers.com

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