

Results - Onion

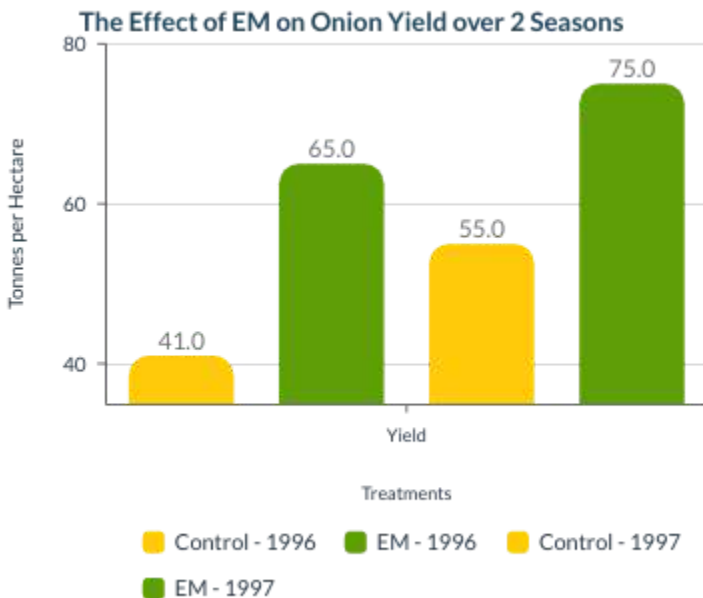
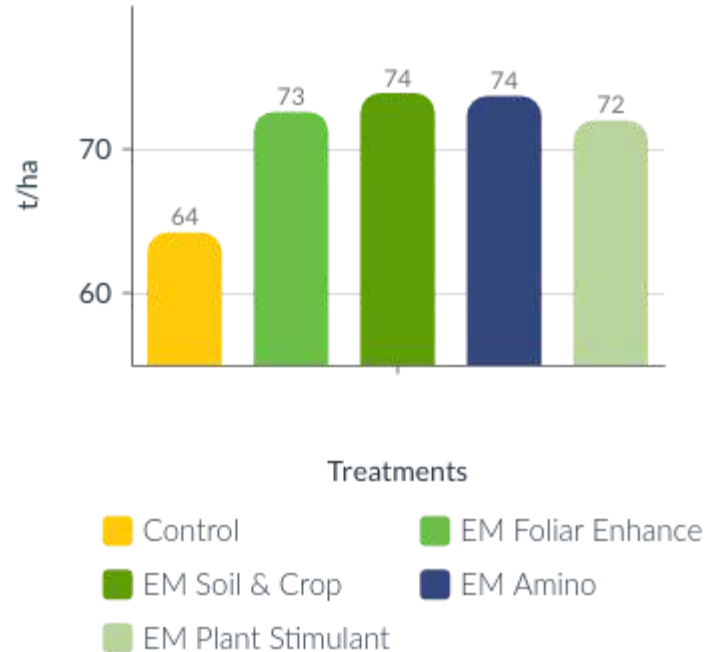
EMNZ Onion Trial - Canterbury 2022

The aim of this trial was to test EMNZ products on Onion yield, table 2 shows the yield results of this trial. The highlights are:

- All EMNZ treatments gave a significant and economic yield response when applied to an Onion Crop
- EM Soil and Crop was the best performing treatment
- None of the EMNZ products were significant against each other
- EM Plant Stimulant showed that the unique combination of plant growth regulators in this product produce powerful plant growth promoting properties



Effect of EM Treatments on Onion Yield t/ha



Published Onion Trial

This trial (Daly & Stewart, 1999) run over 2 seasons in Leeston, Canterbury, New Zealand had four replicates and a plot size of 5 by 1.5 m. EM was applied at a rate of 10 L ha⁻¹ with 10 L ha⁻¹ of molasses mixed into water and applied at 10 000 L ha⁻¹ through a watering can onto the foliage of the crop, on November 11, December 22 and January 20.

Crop vigour was assessed visually at bulbing (January 22). At harvest (March 7), the field dried onions were graded and weighed. EM plus molasses caused a significant yield increase over the untreated control and produced more first grade onions. The increase in yield over control when EM was added ranged 15-30% increase in yield. This data has been published in the reputable international Journal of Sustainable Agriculture.

