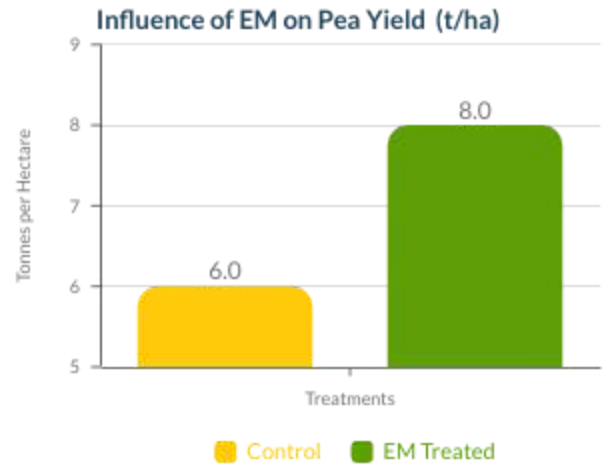


# Results - Peas and Potatoes

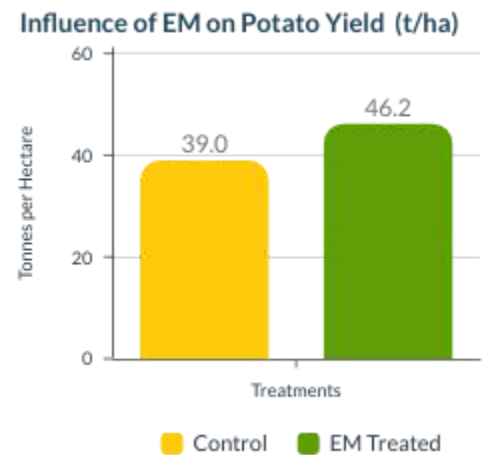
## Canterbury Pea Trial

This trial (Daly & Chamberlain, 2002) was conducted in Canterbury, New Zealand on the organic Harts Creek Farm. The peas were sown at 290 kg/ha and had a basal application of 250 kg/ha of reactive phosphate rock applied to correct a low soil phosphate concentration. The trial had four replicates and EM was applied at the previously described rate twice during crop growth. EM increased pea yields by 31% over the control.



## International Potato Trial

This trial (Filarski, 2016) on frites potato was conducted by Agricultural Holding Henryk Makoś, Lebork, Poland. The results showed that EM gave a significant increase in yield over the fertilised control with an increase of over 7 tonnes per hectare. In addition EM had 2% higher percentage of potatoes above 50mm.



## Soil Humus Content

In the same trial they looked at the impact EM has on the humus content of the soil. EM was applied on crop residues (straw 100% ploughed) over three years of application. This treatment was across 50 hectares with a large control area. After 3 years soil was tested for the humus content (sample 1 - EM, sample 2 - control).

