

## PasturePro

*PasturePro is live microbial inoculant that works by getting the natural processes to function, the way nature intended by stimulating biological activity in the soil and plant. Using PP will improve crop and pasture yields and enhance fertiliser performance.*

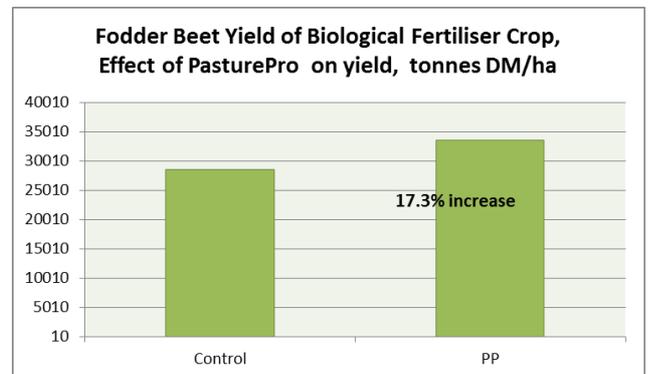
PasturePro will enhance growth through:

- Fixing atmospheric nitrogen
- Converting organic matter to plant nutrients
- Decomposing organic residues
- Recycling soil nutrients
- Breaking down fertiliser compounds

### Enhancing fertiliser inputs

The microbes in PP will solubilise compounds both organic and inorganic that are largely unavailable to plants and make them available for uptake by the plants root system allowing the plant to put more energy into growth. In performing this important function the Microbes create a more efficient use of added nutrients, generating a better growth response from fertiliser inputs. Also, our research has demonstrated the ability to lower fertiliser use while still gaining the same yield. Research has shown the microbes in PP stimulate Mycorrhizae and Trichoderma further enhancing nutrient uptake and the plants root system. PP works effectively with most fertiliser and can be sprayed on with most pesticides and herbicides decreasing your application costs.

*“The microbes in PasturePro solubilise nutrient compounds to make them available for uptake by the plants root system; this also includes compounds previously unavailable to plants”*



## Research

Research conducted in NZ and around the world has shown a significant increase in yield when applying PasturePro and various different types of fertiliser to fodder and pasture crops. On the previous page the graph illustrates the impact of PP on a fodder beet crop against a fertilised control. In the graphs to the right, PP is shown to increase the dry matter of Triticale significantly when combined with both UAN and Guano. The previous page shows that when PP is combined with Guano and Humate Urea you can increase plant height substantially in both cases over 20%. The Humate Urea and PP mix slightly outperforming the Guano and PP mix but both PP treatments significantly outperforming their respective control treatments.

The image illustrates a paddock trial we ran with a farmer showing the effectiveness of PP in pasture renovation. The farmer used a double spray technique with roundup to kill old pasture and then direct drilled new pasture. PP was combined with the Roundup spray at 10 Litres/Ha. The farmer did one block with PP and one without and the below photos were taken 3 months after emergence.

