

To Whom It May Concern,

Improvements in Efficiency of Agricultural Practices & Scope for Further Improvement

Current agricultural practices are unsustainable and damaging to our most valuable asset – the soil. We need to stop harmful practices such as high input synthetic fertiliser programs that are salt-inducing and causing acidity in soils; chemical use, particularly pesticide/fungicide applications and reduce over-tillage destroying the health of once-living soils. All these practices promote a decrease in microbial activity in soil which is the essence of life on earth.

This Agricultural Innovation is about returning to natural farming practices to improve efficiency by supporting the environment that will solve problems from salinity, erosion, soil acidity, buffer our food crops from harmful environmental conditions such as drought, frost, extreme heat and chemical use. A totally diverse range of microbes in the soil gives plants and soil resilience to cope better with changes and stress.

With the understanding of how plants, animals, soil and atmosphere naturally cycle nutrients and the use of Biological Stimulants/fertilisers, our farmers can transition from conventional/chemical agriculture to biological agriculture with a fully functioning healthy soil. This will save the farmer input costs, reduce fuel load and carbon footprint affecting climate change and improve our future food and water security.

Please see attached document for evidence on the farm and laboratory as to how such biological aids can be used to improve soil health and the first evidence showing how destructive our conventional fertilisers such as MAP, DAP and Urea/Superphosphate can be to the micro-climate of our soils.

1. NutriSoil Comparison to Conventional Fertilisers
2. Case Study “NutriSoil helps the Haggerty’s improve productivity with reduced inputs.

Kind Regards,

Rachelle Armstrong