

## The Biological Benefits

- Organic matter within compost supplies humus which aids soil aggregation, increases nutrient availability for plant uptake, can bind and degrade certain pollutants.
- Compost has a wide range of beneficial micro organisms that help suppress soil borne diseases.

## Fertility Benefits

- Compost supplies macro and micro nutrients in a slow release, plant available form.
- A crop's ability to respond to available Nitrogen (from soil, fertiliser and compost reserves) increases where compost has been applied.
- Compost provides other key nutrients such as Magnesium and Calcium.
- Compost improves the ability of soils to hold key nutrients and reduce nutrient loss from leaching, aids soils to retain nutrients longer, resulting in better plant uptake.
- Compost helps buffer soil pH.

## Soil Benefits

- Compost improves soil structure and soil porosity, creating a better plant root environment.
- Compost improves water infiltration, permeability, reducing erosion and runoff.
- Compost improves the water holding capacity of light soils. An Organic Matter lift of 1% increases the water holding capacity by 160 cubic metres/ Ha.

## Envirofert Promise

- The entire composting process is actively monitored to ensure growers receive a fully composted, superior quality compost.
- After the active composting process is completed we allow an 8 week maturation phase to ensure Envirofert compost is fully stabilised and inoculated with beneficial micro organisms.
- Lab tests taken regularly ensure Envirofert compost is fully matured, has low levels of heavy metals, and meets all the criteria for NZ Compost Standard, NZS4454.
- Envirofert compost is AsureQuality Organic Certified.



## The Benefits Of Compost

Applying a good quality compost to fruit and field crops has been shown to increase crop yields and soil carbon levels.

Compost improves soils in three main ways, supporting crops to be stronger, more resilient and higher yielding.

