

ORGANIC FERTILISER - SOLID

# New Era Better Grow

Economical pelletised organic fertiliser



MICROBE FRIENDLY

## Natural Basal Fertiliser

New Era Better Grow is a high quality, pelletised organic fertiliser based on composted poultry manure.

Provides:

- Full range of nutrients
- Living microbiology
- Carbon 35%

The microbe friendly source of nitrogen, phosphorus and potassium plus carbon support soil biological life, helps balance soil, improves nutrient cycling and mobilises soil nutrient reserves.

The major difference between organic/sustainable fertilisers and synthetic fertilisers is the effect on beneficial soil biology and the solubility of the fertiliser.

New Era Better Grow encourages better overall plant growth naturally. It is designed as a pre-plant or basal fertiliser to provide natural plant nutrients for all crops.

Use as a pre-plant or basal fertiliser at 200 to 2,000kg/ha according to crop needs.

(Confirm your crop requirements via soil analysis.)

N - 3.8%	P - 1.8%	K - 2.0%	Ca - 3.2%	S - 0.5%
Mg - 0.6%	Fe - 0.2%	Zn - 0.04%	Mn - 0.05%	Cu - 0.02%



## Soil health benefits of composted poultry manure

Composted poultry manure not only provides nutrients in a plant available form, but the soil health improvements typically result in improved root growth, soil structure and product quality.

Example - Turf - Application of pelletised poultry manure resulted in greater turf grass quality when compared to the same N rate of synthetic fertiliser regardless of aeration method. (Sprinkle 2009)

Example - Wheat - Higher concentrations of zinc in plant available fractions was found in soil and in shoots and grains of wheat grown in soils from farms using combined organic inputs and synthetic fertilisers versus synthetic fertilisers alone. This was probably due to biological activity fuelling organic matter decomposition and releasing available Zn for plant uptake and growth. Note Zn is the most wide-spread deficiency in wheat in Australia and a common nutritional problem in humans, so improving the quality of wheat has significant benefits for customers particularly in developing countries. (Regmi 2012)

## Increased microbial activity and disease suppression

There is more than sufficient data to indicate that organic fertilisers like poultry manure reduce disease incidence caused by a wide range of plant pathogens and plant pests including bacteria, fungi and nematode species. (Bailey 2003).

Organic fertilisers encourage soil microbial activity. The more microbes there are in the soil the greater the chances some of them will be antagonistic to pathogens. (Ratnadass 2012). There is a clear relation between decline of soil microbial activity and the use of agrochemicals. (Geense et al 2015)



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