

FUNGIMAX™

SUPPORTING BENEFICIAL SOIL FUNGI

Soil is a living system filled with biological life that is not always visible to the naked eye. It supports microscopic organisms that form part of the soil environment.

These micro-organisms help to make soil nutrients more available to plants by forming a network that transports the nutrients to the roots in a plant available form.



SOIL HEALTH

For microbes to thrive, they need organic matter as a food source. In healthy soil the organic compounds are naturally cycled through the soil, but too often farming practices deplete the soil of these natural resources.

By changing our management systems we keep soils healthy for the future. Crops respond to healthy soils and experience less stress.

BENEFITS OF FUNGIMAX™

FUNGIMAX™ has been formulated to feed the fungal life in the soil and to encourage biological diversity. Fungi spread through the soil and bring water and nutrients to the plant that might otherwise not have been available. Improving the biological diversity makes the soil environment more resistant to diseases. By reducing disease and improving nutrient uptake, plants have more energy for growth.

STATISTICALLY PROVEN

A trial was conducted over three years in the Hectorspruit and Groblersdal districts to assess the efficiency of FUNGIMAX® to stimulate fungal populations in citrus orchards. Increases of between 24% and 38% were observed in two out of the three years. There was also an increase in citrus yield: During the first year this was equivalent to 2.6 t/ha (6%), in the second year 6.0 t/ha (10%) and 5.6 t/ha in the third year (13%).

Another advantage was the increase in fruit size, where improvements of between 1.2 and 2.8 mm were observed in all three years. FUNGIMAX treatments greatly improved the soil organisms, especially fungi, thereby enhancing yield and fruit size. It also contributed to the sustainability of these orchards for generations to come.

Contact your nearest Omnia agent or agronomist for more information.

