

# ENERGY GARDEN

9.1% N, 1.35% P, 9.65% K, 11.9% S, 3.3% Ca, 0.5% Mg, 0.5% Fe, Humates and Zeolite

## PRODUCT DESCRIPTION

ENERGY™ Garden is a fully granulated, environmentally friendly, premium organic based fertiliser. It has a high analysis of trace elements, formulated to supply all the necessary nutrients poor sandy soils require. ENERGY™ Garden combines a range of essential nutrients, organic matter and soil amendments all in the one prill, avoiding the need for several products. High levels of calcium and potassium, in combination with blood and bone, humates and zeolite result in a slower release of fertiliser over a longer period of time. This ensures a healthier, more sustainable crop. ENERGY™ Garden is an ideal product for pre plant or broad acre distribution. Designed to enhance flower and fruit production, quality and quantity; rather than excessive growth, ENERGY™ Garden is adaptable to a wide range of soil types.

## ADVANTAGES OF HUMATES

Humates encourage better plant response in poor growing conditions. They improve plant nutrient uptake by 40%, enhancing cell division and elongation, root penetration and oxygen intake. This in turn improves fertiliser efficiency. Increased microbial activity, aids with moisture retention and improves soil structure. Other advantages include:

- Neutralises problems with pH extremes.
- Reduces lockup rate of phosphate sources.
- Stabilises urea.
- Improves chelating and buffering of sodium
- Increases beneficial fungi.
- Improves nitrogen efficiency.
- Stabilises most soluble fertilisers.
- Supplies carbon, minimising carbon stripped from the soil.

## ADVANTAGES OF ZEOLITE

Zeolite also builds up soils, increases nutrient efficiency and reduces leaching. It is negatively charged (like organic matter) attracting positively charged ions like calcium and ammonium. This making them available for plant uptake. With a very high cation exchange capacity, Zeolite increases the ability to hold and release nutrients. A large internal surface area and porosity enables greater infiltration and retention within the soil, increases CEC and aeration. Zeolite treatment is also more permanent. It does not breakdown and performs as a soil recovery product, building up over time with the application of fertilisers. Zeolite naturally extracts phosphorus that has been locked up in the soil, enabling phosphorus uptake. This minimises leaching into our waterways, a common problem with sandy soils.



## BROAD ACRE APPLICATION FOR VINEYARDS, ORCHARDS, HORTICULTURE

	Kgs actual N per ha	Kgs per 100m <sup>2</sup>	Kgs per ha
RATE	25kg	2.7kg per 100 m <sup>2</sup>	270kg/ha
	30kg	3.3kg per 100 m <sup>2</sup>	333kg/ha
	45kg	5.0kg per 100 m <sup>2</sup>	500kg/ha

- Apply to dry area and irrigate after application. If no irrigation, apply when rainfall is evident.

## APPLICATION CALENDAR *(best applied during months coloured dark green)*

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

**SIZES AVAILABLE:** 10kg bags, bulka bags and bulk.

## CAUTION

Nutrient can stain walkways and will need to be washed off prior to irrigation. Keep away from water sources such as ponds, pools etc.

**REFER TO MSDS FOR FURTHER INFORMATION**