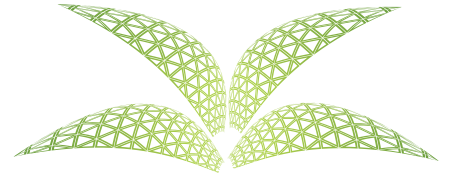




GENIE[®] MARINE

Reg. No. B5006, Act No. 36 of 1947

Genie[®] Marine contains organic acids and concentrate of fish hydrolysate to increase plant nutrient uptake. Genie[®] Marine is highly effective in the rhizosphere as a plant nutrient uptake enhancer as well as a foliar application for stress relief.



UNDERSTANDING THE GENIE[®] CONCEPT

The Genie[®] product range offers a unique solution to improve productivity on low organic soils, targeting overall soil health. Products in the range have the ability to stimulate soil biology by creating an environment conducive for beneficial aerobic microorganisms. The soil buffering capacity is also enhanced, increasing its ability to absorb and release nutrients thereby promoting nutrient uptake and utilisation by the plant.

Products in the range include:

-  Genie[®] Boost
-  Genie[®] Dynamic
-  Genie[®] Ful
-  Genie[®] Hume
-  Genie[®] Marine



GENIE® MARINE

Genie® Marine is a highly concentrated organic concentrate of fish hydrolysate, kelp and highly refined technical fulvic acids, fortified with urea and zinc.

Genie® Marine can be used as a liquid fertiliser. It can also be used as a stress remedy, assisting the plant to recover from periods of abiotic (drought, chemical drift, frost, flood) and biotic stress (high fruit load, pathogen or pest). For best results it is important that the product is applied close to the occurrence.

BENEFITS OF GENIE® MARINE

- High available source of nitrogen
- Promotes nutrient uptake and utilisation by the plant
- Increasing biological activity in the soil, promotes availability nutrients in the soil
- Decreases plant physiological stress
- Provide a carbon source for micro-organisms.

USES OF GENIE® MARINE

- Use as a natural fertiliser
- Treatment of plant stress at all growth stages
- Use as an additive to plant nutrient applications - soil- and foliar applied.

APPLICATION RATES#

Soil Application	RATE (litres per hectare)	
Broadacre/Pasture	10 - 25	Direct soil spray. Combine with a minimum of 80 ℓ water per hectare in spring and autumn.
Horticulture/Turf	5 - 8	Fertigation or direct soil spray using a minimum dilution of 1:100. Apply every 3 - 4 weeks as a liquid soil health program.
General Soil Health Program	5 - 8	Apply monthly as a tank mix with Genie® Boost (5 - 8 litres per ha).
Foliar Application	RATE (litres per hectare)	
All crops	5 - 15	Mix in tank with 100 litres of water during periods of stress (rapid growth, flowering, crop damage)
Tank Mix with Fertilisers	RATE	
All crops	2ℓ/100kg	Use 2ℓ Genie Marine for every 100 kg of acidic fertilizer, so all phosphate, potassium and sulphur-containing substances.

#Apply by boom spray, aerial, fertigation or overhead irrigation. DO NOT apply when conditions are extremely hot. The product is best applied in the temperature range of 5 – 25 °C.

MIXING INSTRUCTIONS

1. Half fill tank to required volume with water
2. Add required amount of Genie® Marine
3. Fill the remainder of tank with water and maintain agitation.

PRODUCT SPECIFICATION

Nitrogen (N)	55 g/kg	60.5 g/ℓ
Potassium (K)	12 g/kg	13.2 g/ℓ
Zinc (Zn)	600 g/kg	660 g/ℓ
Fulvic acid (as fulvate)	195 g/kg	214.5 g/ℓ

Product pH: 3 - 5

SG 1.11 @ 20°C

Storage: Do not store product in direct sunlight. Do not store product in temperature below 5°C.

COMPATIBILITY

Product may be compatible with herbicides and insecticides, please check with supplier. Please be aware that physical compatibility does not guarantee product efficacy.

COMPATIBILITY CHART

	Rappid®	Rappid® K	Genie® Boost	Genie® Dynamic	Genie® Ful	Genie® Marine	Genie® Hume	EcoKsil	Dekompakt®	Qwemikelp™	Fruitboost phase® 1	Fruitboost Phase® 2	Maxiboost®	Alexin®	BZM	BZM Super	Calcium Nitrate	Magnesium Nitrate
Rappid®	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Rappid® K	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Genie® Boost	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Genie® Dynamic	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Genie® Ful	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Genie® Marine	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Genie® Hume	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
EcoKsil	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Dekompakt®	InCompatible	InCompatible	Compatible	InCompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Qwemikelp™	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	InCompatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Fruitboost phase® 1	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done	Not done
Fruitboost phase® 2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done	Not done
Maxiboost®	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	InCompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done	Not done
Alexin®	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	InCompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done	Not done
BZM	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done	Not done
BZM Super	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Not done	Not done
Calcium Nitrate	InCompatible	InCompatible	Compatible	InCompatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Magnesium Nitrate	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible

Not done
 Compatible
 InCompatible
 Only compatible at low application rate

Please be aware that physical compatibility does not necessarily guarantee product efficacy.
 * The mixture must be stirred vigorously for thorough mixing.

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