



GENIE[®] BOOST

Reg. No. B4838, Act No. 36 of 1947 | Namibian Reg. No. N-F 1066

Genie[®] Boost contains organic acids to boost microbiology and the conversion of organic material into a food source for microbiology.



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® BOOST

Genie® Boost contains humate derivatives to boost microbial diversity and activity in the rhizosphere. Soil microorganisms that occupy the aerobic root zone of the crop provide crucial processes that make nutrients available to the plant and maintain or improve soil fertility. **Genie® Boost** provides a balanced formulation stimulating both bacterial and fungal populations to achieve higher rates of nutrient cycling and delivery than would otherwise be possible in nature.

Genie® Boost promotes the rapid degradation of crop residues and stubble converting them to valuable humus in the soil.

BENEFITS OF GENIE® BOOST

- Develops larger root systems faster to improve water and nutrient uptake
- Creates an environment conducive for beneficial aerobic organisms
- Enhances the soil buffering capacity, increasing the ability to absorb and release nutrients
- Improves nutrient cycling from applied fertilisers to improve efficiencies and cost effectiveness
- Enhances soil structure through improved aeration and water retention capacity
- Provide a carbon source for micro-organisms.

USES OF GENIE® BOOST

- Soil applied
- Applied into irrigation water
- Apply with Biocult® as a food source for micro-organisms.

APPLICATION RATES#

Mode of application	Application rate	Dilution rate
Broadacre soil application	8 - 20 ℓ/ha	Dilute with 60 - 100 ℓ of water/ha
Under irrigation	8 - 10 ℓ/ha	Dilute with 60 - 100 ℓ of water/ha
Dryland	4 - 5 ℓ/ha	Dilute with 60 - 100 ℓ of water/ha

#Never apply more than 20 litres/hectare of **Genie® Boost** at a time and do not exceed 50 litres/hectare per annum.

#Apply through boom spray, liquid injection, aerial, fertigation or overhead irrigation. DO NOT APPLY when conditions are extremely hot. Best applied when temperatures are between 5 to 25°C.

MIXING INSTRUCTIONS

1. Half fill tank to required volume with water
2. Add required amount of **Genie® Boost**
3. Add appropriate wetting agent as per manufacturer's instructions
4. Fill the remainder of tank with water and maintain agitation.

COMPATIBILITY

This product is NOT compatible with herbicides and insecticides.

PRODUCT SPECIFICATION

Humic acid as humate	134 g/kg	147 g/ℓ
Nitrogen (N)	5 g/kg	5.5 g/ℓ
Potassium (K) as humate	21 g/kg	23.1 g/ℓ

Product pH: 9.5 - 10.5
SG 1.1 @ 20°C



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