

# Biogrow



P /Bag X 15, Suite 116,  
HERMANUS  
7200  
PH 028 313 2054  
FAX 028 313 2084  
[biogrowchem@iafrica.com](mailto:biogrowchem@iafrica.com)  
[www.biogrow.co.za](http://www.biogrow.co.za)

## Natural Organic Solutions

### BIOLOGICAL PRODUCTS: COMPOST TEA INOCULATIONS

#### BIOMEX (OMEX)

Biomex is a mix of naturally occurring fungi found in soils throughout the world, which stimulate roots and plants to grow with more vigour.

**COMPOSITION:** BIOMEX contains the following 4 Trichoderma strains –  
TRICHODERMA VIRIDE TRICHODERMA HARZIANUM  
TRICHODERMA POLYSPORUM TRICHODERMA KONNINGII

**FORMULATION:** Liquid coloured suspension.

**APPLICATION RATES:**

**BIOMEX MODE OF ACTION:**

Antagonism – grows towards mycelium of pathogen and penetrates it.

Competition – spores in BIOMEX grow faster than pathogenic spores and out compete them.

Induced resistance – after BIOMEX has been applied to plants they are found to be more resistant to disease.

**TOXICITY:** BIOMEX is non-toxic to humans and animals and is environmentally safe.

**APPLICATION METHODS:** Pre-planting drench in planting hole. Root dip. Compost Tea Inoculations

**COMPATIBILITY:** BIOMEX is compatible with all pesticides except Benlate.

**STORAGE:** BIOMEX will store for 12 months at temperatures under 20°C.

#### B6 (OMEX)

B6 is a mix of naturally occurring bacteria that stimulate plant growth, development of roots and enhance their ability to absorb water and nutrients. These micro-organisms assist the plants own natural defence mechanisms in warding off attack by common diseases and insects and aid in coping with environmental stress. Where natural bacterial life in soils has been reduced almost to the point of sterility these micro-organisms work in conjunction with plant life to release minerals, fix nitrogen, breakdown crop residue and much more.

**B6 COMPOSITION:**

<i>Bacillus Subtilis</i>	<i>Bacillus Pumilis</i>
<i>Bacillus Laterosporus</i>	<i>Bacillus Chitonosporus</i>
<i>Bacillus Licheniformis</i>	<i>Bacillus Megaterium</i>

**FORMULATION:** Liquid suspension

**TOXICITY:** B6 is a friendly non-toxic organic bacteria, which is safe to use around humans and animals. It is soft on beneficial insects and may be used in organic production.

**APPLICATION METHODS:** Drench or spray on to soil surface, and wash into the soil with irrigation of 5 – 10mm. Compost Tea Inoculations.

#### NC FLO

NC FLO is a mix of naturally occurring fungi found in soils throughout the world, which stimulate roots and plants to grow with more vigour.

**Composition:** NC Flo contains the following 4 fungal strains –

ATHROBOTRYA OLIGOSPORA:	a nematode trapping fungi
HIRSUTELLA RHOSILIENSIS:	a nematode penetrating fungi
ACREMONIUM BUTYRI:	produces a nematode ovicide
PAECILOMYCES LILACINUS:	parasitizes eggs, juveniles and adult nematodes

**FORMULATION:** Liquid suspension

*Directors: W S GABB, A P KUIPER, J L KUIPER*  
*Biogrow Chemicals (Pty) Ltd*  
*Co. Reg. # 99/1571407*

**MIXING INSTRUCTIONS:** Half fill spray tank with water. Start agitation and slowly pour correct amount of NC FLO into the tank. Run agitator for several minutes. Do not allow spray mix to stand for more than 12 hours. Avoid water with high chlorine content, as this will kill off the fungi. Maintain the pH of water between 5 and 7. Adhere to the compatibilities of other products being mixed with NC FLO.

**TOXICITY:** NC FLO is a friendly, non-toxic, organic product that is safe to use around humans and animals. It is soft on beneficial insects and may be used in organic production.

**APPLICATION METHODS:**

Drench or spray on to soil surface, and wash into the soil with irrigation of 5 – 10mm. Compost Tea Inoculations.

**MICROBE FOOD: BIOTRISSOL**

A natural fermentation plant product.

Made from Sugar beet.

Good combination of nutrient elements.

Nitrogen 3%, Phosphorous 2%, Potassium 5%

Trace elements Mg, Fe, B, Mn, Cu, Mo, Zn

5% Sugar Content

Contains Vitamins.

Nitrogen is bound as amino acid and amine.

Excellent food source for the growth of bacteria.

Can be used as liquid foliar feed and inoculant in the making of compost tea.

---