

Reg. No. M317 Act. No. 36 of 1947

# AgraBios

5kg

Improving vegetative growth of crops.

Verbeter vegetatiewe groei van gewasse.

FERTILIZER GROUP

3

MISSTOF GROEP

## STRAIN COMPOSITION / STAM SAMESTELLING

*Bacillus firmus*  
*Bacillus azotoformans*  
*Paenibacillus durum*  
*Streptomyces griseus*

Total counts of microbes:  $8.17 \times 10^5$  CFU(g)

Agraforum

REGISTRATION HOLDER / REGISTRASIE HOUER

AgraForUm South Africa (Pty) Ltd | Reg. no: 2004/022326/07

5 Ednau Small Holdings, Abrahamskraal Road, Mooiwater, Bloemfontein, 9338 | Tel: 071 453 1870

Batch Number | Date of manufacturing  
Lot Nommer | Datum van vervaardiging



## PRECAUTIONS

- Mild irritant to eyes. Wear protective clothing.
- In case of any contact, wash with clean running water.
- Do not eat, drink or smoke whilst mixing or applying.
- Store in a cool (below 24°C) and dry place.

## GENERAL

- AgraBios is non-toxic to plants when applied as directed.
- For optimum results apply AgraBios according to recommendations.
- Applied as a dip to seedlings before transplanting to field or via irrigation system.
- Before using AgraBios, consult an agriculturalist or the manufacturer on the use and compatibility with other products.

## DIRECTIONS FOR USE

- **Application to seedlings before transplanting:** Premix the prescribed amount of AgraBios in 250 L of clean water and mix thoroughly before seedlings are dipped in the solution. Ensure thorough mixing before and during application. For optimum results, do not let prepared mixture stand overnight.
- **Application via irrigation system:** Consider using 1 000 L flowbin for incubation process before administration through irrigation system:
  - Wash container/flowbin with dish wash soap and rinse.
  - Add sodium hypochlorite at 0.42 ml/L water (5% concentrated product) to obtain 10 ppm Cl. Thus 420 ml/1000 L water and wait 1 hour before continuing with process.
  - Start air pump and mixer for 5 minutes.
  - Add 10 kg of AgraBios to 1 000 L water and let to brew for 24 hours at 25 - 35°C.
  - Apply recommended application before 30 hours has passed.

## METHOD OF APPLICATION

Crop	Time of Application	Directions for use
Leafy vegetables	Dip seedlings before transplanting or apply via irrigation system at 3 - 5 leaf stage	For dipping of seedlings use 500 - 1 000 g/250 L water. Via irrigation use 20 - 40 L of incubated solution/ha.
Potato	Dip/spray seeds during planting process or apply via irrigation system at 3 - 5 leaf stage	For dipping of seedlings use 500 - 1 000 g/250 L water. Via irrigation use 20 - 40 L of incubated solution/ha.
Solanaceous fruits	Dip seedlings before transplanting or apply via irrigation system at 3 - 5 leaf stage	For dipping of seedlings use 500 - 1 000 g/250 L water. Via irrigation use 20 - 40 L of incubated solution/ha.
Beetroot	Dip seedlings before transplanting or apply via irrigation system at 3 - 5 leaf stage	For dipping of seedlings use 500 - 1 000 g/250 L water. Via irrigation use 20 - 40 L of incubated solution/ha.

## WARNING

Although this product has been extensively tested under a large variety of conditions, the manufacturer does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, compatibility with other substances not indicated on the label as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, and the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.