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# Likuiq

## Legume inoculant for Groundnuts.

Registration number L9679 Act 36 of 1947

Net volume 3 litres

Made in Uruguay

Active Ingredients: *Bradyrhizobium sp.* U667 and U668  
Microbial strengths:  $2 \times 10^9$

Distributed by:  
Microbial Solutions (Pty) Ltd, P O Box 1180,  
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Batch number:

Expiry Date:

### Likuiq – Groundnuts / Peanuts.

Specific for *Arachis hypogaea* – groundnuts / peanuts.

Liquid formulation of *Bradyrhizobium sp.* U667 and U668 strains.

### Recommendations

Check the expiration date. Keep the inoculant in a cool place, preferably at a temperature not exceeding 20°C. Use the entire contents of this package once opened, do *not* store for use on another day. When diluted use water around 7pH.

### Dosage

1.5 litres Likuiq Groundnuts / hectare.

### Application

At plant.

### Application method

Likuiq Groundnuts should be applied to the furrow - sprayed, pored or dribbled over the seeds at plant, just before the furrow is closed and the seed covered by soil.

### Procedure for in-furrow application

Select an applicator that allows a constant flow to ensure even inoculation of the seeds and avoid high temperatures and direct sunlight.

- 1) Determine the total capacity of the tank.
- 2) Determine the liquid flow of the applicator in litres / hectare, and the planting speed and operating width of the planter. Recommended use is between 40 and 100 litres total liquid / hectare.
- 3) Use Likuiq Ground nuts according to the following formula:  
Total capacity of the tank in litres = "A"  
Liquid flow in litres / ha = "B"  
 $\therefore A \div B = \text{total hectares covered by one tank.}$   
 $\therefore \text{Litres Likuiq Groundnut used in one tank} = 1.5 \text{ litres} \times \text{total hectares covered by the volume of one tank.}$   
Top up to required level with water.

### Precautions

Wash the in-furrow applicator thoroughly with water (no detergents) to avoid toxin contamination by previously used products. Wash the applicator again after inoculation.

### Concentrations

Likuiq Groundnuts contains more than  $2 \times 10^9$  / gm (2 billion) specific *Bradyrhizobium sp.* U667 and U668 strains at the date of its formulation, and no less than  $1 \times 10^9$  / gm (1 billion) at the date of expiry.

### Quality Controls

- 1) This batch of inoculant has been analysed and approved by the Uruguayan Ministry of Livestock, Agriculture and Fisheries and declared suitable for sale.
- 2) On arrival in South Africa random samples are drawn by the South African Department of Agriculture and sent to the ARC for analysis and approval before release.

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