



ADJUVANT

# Aqua-Stic Nutech

Reg. No. L10440, Act No. 36 of 1947

An effective, non-ionic sticker adjuvant based on an organic resin.

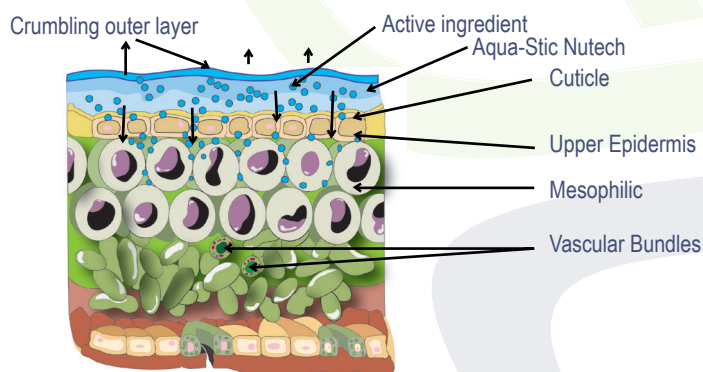
## WHAT IS AQUA-STIC NUTECH?

- **Aqua-Stic Nutech** is a sticker formulated to control the effective lifespan of Insecticides, Fungicides, Herbicides and Foliar Fertilisers on the target plant surface area.
- **Aqua-Stic Nutech** forms a sticky elastic film on crop foliage that breaks down layer by layer over a period of time.
- **Aqua-Stic Nutech** contains a film-forming polymer which ensures effective retention and elasticity of the product after application.
- **Aqua-Stic Nutech** also contains spreading and penetration elements that slow down evaporation.

## WHAT ARE THE ADVANTAGES OF AQUA-STIC NUTECH?

- The organic resin based technology of **Aqua-Stic Nutech** ensures effective prolonged adherence of the spray deposit on the target plant surface.
- **Aqua-Stic Nutech** contains a non-ionic surfactant that improves the initial pesticide deposit and allows excellent distribution of concentrated spray droplets, to give complete coverage on the target area.
- **Aqua-Stic Nutech** softens and bonds with the plant's cuticle tissue to ensure easy translocation of systemic agrichemicals through the cuticle and into the plant tissue.
- The organic resin biodegrades over a period of time which allows the agrichemical to be gradually released, thus resulting in extended effectivity.
- Pesticide volatilisation is minimised by the protective film. Loss of pesticide deposits are thus minimised by the abrasive activity of leaves rubbing together.
- **Aqua-Stic Nutech** can be used in organic farming according to the standard (EC) 889/2008 and JAS.

## THE ACTION OF AQUA-STIC NUTECH ON THE LEAF:



## WHERE TO USE AQUA-STIC NUTECH?

- Stickers are designed to increase target contact and resist wash-off of spray droplet residues for an extended period after application to enhance the action and efficacy of contact and systemic pesticides as well as foliar fertilisers.
- **Aqua-Stic Nutech** is of great value in areas with high rainfall or overhead irrigated fields, especially when using contact action products. The film can withstand 25 mm of rain for a period of 7 to 10 days.
- Enhances the effectivity of herbicides on weeds that are normally difficult to control or under marginal conditions.

## HOW TO USE AQUA-STIC NUTECH\*?

- Dosage rate: 150 – 300 ml/ha. Use the higher rate in crops with a thicker and/or waxier cuticle layer.
- In the case of aerial application, do not use more than 150 ml/ha **Aqua-Stic Nutech**.
- To ensure good emulsification of the product, **Aqua-Stic Nutech** should be pre-mixed with water before adding it to the spray tank.
- As **Aqua-Stic Nutech** is an emulsifiable concentrate, it must be added to the spray tank as the last component with vigorous stirring.
- Do not apply less than 1 hour before anticipated rain or planned irrigation. The film requires 1 hour to set completely.
- Do not store at temperatures below 4°C, as thickening may occur.
- A sticky residue may remain in the spray tank after it is rinsed. Use a suitable cleaning agent to thoroughly clean the spray tank and spray equipment.
- Always refer to the agrichemical label with which **Aqua-Stic Nutech** is to be used with and observe all warnings that apply to products(s) in the spray mixture.



Rolfes Agri

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\*See label for further instructions and information.