

Nutri-Stim Saponins™



Saponins have been extracted from nature to provide support to the plant's active immune system. Saponins can improve the physical and chemical performances of most water based agrochemicals used in foliar fertilising by reducing the water tension of the spray solution and improving target area interception.

Benefits

- Biological Farmers of Australia (BFA) registered product 456A1.
- Can increase cell-wall permeability.
- Can enhance root development.
- Serves as a natural surfactant.
- Promotes healthy plant growth.
- Increases microbiological activity.
- Acts as a powerful natural wetting agent (but is not registered for use as a wetter-sticker with any registered chemicals in Australia).

PACKAGING

10 kg
Product Code: NSSAP





Nutri-Stim Saponins™



ALLOWED INPUT 456AI

**BFA
REGISTERED
PRODUCT**

Application Rates

Hydroponics: 4 g per 1000 L of nutrient solution or 100 g per 50 L of Part A

Foliar Fertilisers: 200 g per ha or 5 g into 10 L of water

Soil Application: 1 kg per ha for soil conditioning and stress relief

When to Recommend:

To increase cell wall permeability of plants and seed to enhance water and nutrient absorption.

Typical Analysis w/w

Contains selected Saponins -	70%
Rough Fat.....	< 1%
Active compound.....	> 70% Saponins
pH (10%).....	4.5-6.5
Moisture content.....	< 5%
Ash and volatility.....	< 1%
Solubility.....	100%
Appearance:	Light yellow powder

Miscellaneous

- Can enhance the effect of chemicals and caution should be used to observe detrimental increase in chemical efficiency eg. lower chemical application rates may be necessary (unregistered chemicals only). Not registered for use with registered chemicals.
- Saponins are not toxic to humans or livestock in low concentrations.
- The saponins when added at low concentrations will generate copious amounts of stable foam - A pH of 7 in solution will provide optimal conditions for foam generation.
- Bacteria will readily break down saponins when in solution.
- Store in a cool, dry place away from direct sunlight.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The buyer assumes all responsibility for the use of any NTS products.



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