

NEEMAQ

Ticks all the boxes



SAFE

With an Oral and Dermal LD₅₀ > 2000 mg/kg, NeemAQ is classified as Non Toxic by WHO standards



EFFECTIVE

Both in extensive field trials under rigorous test conditions, and detailed laboratory bioassays, NeemAQ has shown excellent and consistent performance in the effective control of greenhouse whitefly



STABLE

Due to the advanced SL formulation, the active compounds of NeemAQ are remarkably stable following foliar application, ensuring its effectiveness for the duration of the recommended spray programme. In addition, the product is guaranteed during a two year shelf life – efficacy is consistent during this period.



NO RESISTANCE

As NeemAQ contains the full compliment of active compounds, pest resistance is virtually impossible. This overcomes one of the major difficulties with using conventional pesticides.



NO PHYTOTOXICITY

The Soluble Concentrate formulation is designed specifically to be safe to plants. At recommended application rates, there is no possibility of spray damage



IPM COMPATIBLE

Laboratory tests and grower experience shows that beneficial insects such as *Encarsia formosa* are unaffected by the active ingredients of NeemAQ. Beneficial insects can be re-introduced immediately following application.



EASY TO USE

Dilutes quickly into water, and readily applied through any spray equipment.

NEEMAQ

Product Characteristics

- Appearance: Dark reddish brown liquid
- Formulation Type: Soluble Concentrate (SL)
- Active Ingredient: 75g/l Neem Seed Kernel Extract (NSKE)
- Specific Gravity: 990g/l
- pH: 4.4
- Solubility: 100% water soluble
- Packaging: 20 litre Universal Jerry Can

NEEMAQ

WILL NOT DISRUPT CROP MANAGEMENT

- Can be applied any time of day,
- Safe to bees and beneficial insects
- No limitation on the use of other sprays
- No MRL
- No withholding period
- No re-entry restriction,
- No special climate requirements

Made in New Zealand, by Suntec (NZ) Ltd

Available From:

Neem Soluble Concentrate Botanical Insect Control

NEEMAQ

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NEEMAQ

Product Information



NeemAQ is a unique soluble concentrate formulation of neem, containing compounds such as the azadirachtins and salannin from the Indian Neem tree, which affect feeding, and growth and development of insect pests established on treated plants. Most insect

plant pests are extremely sensitive to minute quantities of these compounds which interfere with their hormonal systems and some will not even eat treated leaves preferring to starve instead.

NeemAQ is registered for use on commercial greenhouse vegetable and ornamental crop plants. Besides greenhouse whitefly, the product controls caterpillars, aphids and thrips.

Being an oil-free soluble concentrate, the product does not pose a risk of spray damage on sensitive plants, and as it is so easy to mix and pour, can be easily and quickly applied through all types of spray equipment.

The unique components of the formulation work together to guarantee excellent stability of active ingredients during storage and after application, NeemAQ has a guaranteed two year shelf life.

NeemAQ is safe for beneficial insects, and assists with the management of IPM programs by reducing pest numbers to below manageable thresholds.

NeemAQ is essentially non-toxic ($LD_{50} > 2000\text{mg/kg}$) once sprayed on plants and is safe to use.

The active ingredient does not leave toxic residue on treated crops —there is no MRL.

Insect pests do not develop resistance to products such as NeemAQ where the full spectrum of neem ingredients are active.

NEEMAQ

Product Background

In 2004 Suntec (NZ) Ltd developed a wettable powder (WP) formulation using NSKE as its active ingredient, and this product was registered in New Zealand in 2006 as Neem 600WP, registration number P7363.

This formulation proved to have excellent efficacy and stability, and being a powder, had very little chance of causing any phytotoxicity or spray damage, unlike oil based EC's. But, being a powder it is often difficult to apply and inevitably results in visible residues on treated crops.

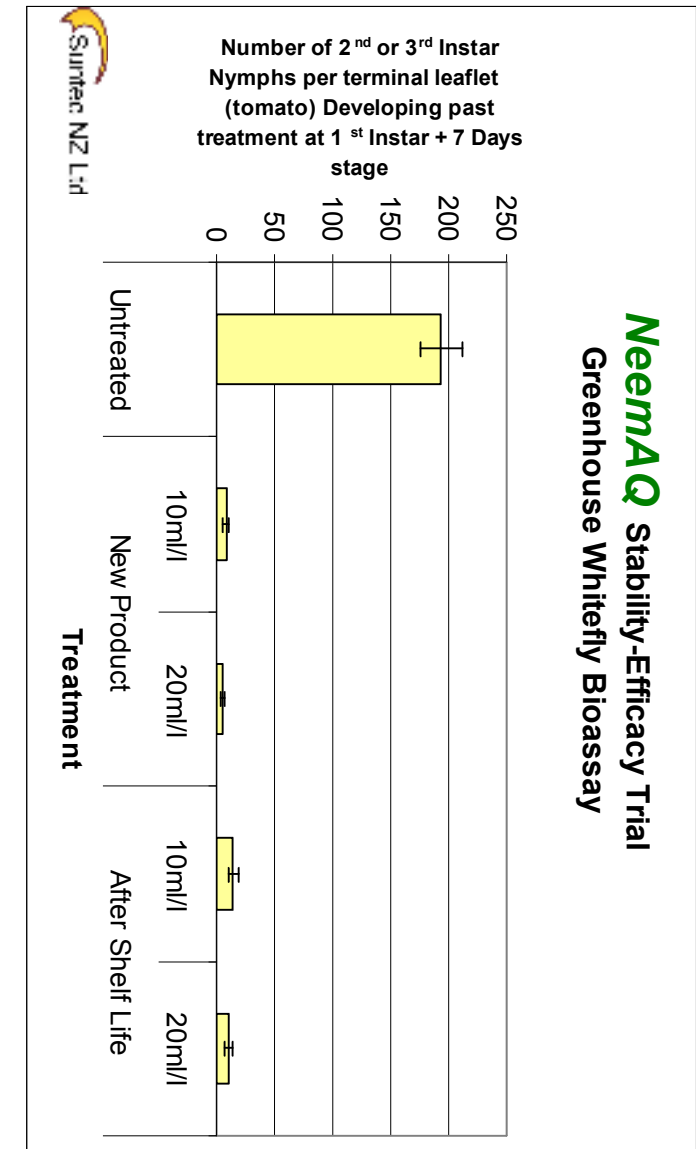
Since 2005 work continued to improve the formulation to result in a product which is easy to use and does not leave any visible residue on horticultural produce following application, but still maintains efficacy, plant safety and stability. These requirements suggest a **soluble concentrate** formulation, which matches the expectations of modern horticultural producers and market chains. **NeemAQ** is the successful result...

NeemAQ is destined to meet all the requirements for a cost effective “Breaker” product to relieve the pressure on new chemistry.

Product	Trade name	Application cost per ha*
Oberon		\$180.00
Chess		\$128.00
NeemAzal		\$515.00
NeemAQ		\$104.00
Movento OD		\$190.00

* Retail price in NZ\$. Using water rate of 2000 litres/ha and label recommended product rates.

Proven Efficacy and Stability



NeemAQ is registered pursuant to the ACVM Act 1997 Number P 8526
 See www.foodsafety.govt.nz for conditions
NeemAQ is approved pursuant to the HSNO Act 1996 Code HSR100740
 See www.epa.govt.nz for approval conditions