

SPRINTA⁺

SUPERWETTER



Product Bulletin

1020 g/L Organosilicone Superspreading Surfactant

- Dramatically reduces surface tension of water so that even the most difficult to wet surfaces can be fully wetted
- Increases activity of agricultural products when used as directed
- Increases speed of uptake so that rain-free period is reduced
- Because of the superior coverage, certain products can be applied at lower water volumes

APVMA Registered Product – Approval Number 60730

Product Description

SPRINTA Superwetter is a nonionic wetting agent of the organosilicone type which is compatible with a range of agricultural products. It can be used in most water qualities, however avoid mixing in strongly acidic or alkaline situations such as acidic buffer products.

Product Performance

SPRINTA Superwetter will reduce the surface tension of water to about 22mN/m when applied at 0.1%v/v which is significantly lower surface tension than most other nonionic wetting agents (typically about 30mN/m). The reduced surface tension enables far greater spreading of spray deposits, especially in difficult to wet situations. In certain situations, spray volumes can be reduced without compromising spray coverage. Avoid using in very high water volume applications as SPRINTA may increase run-off and loss of active ingredient.

TRIAL 1 - CONTROL OF POWDERY MILDEW ON GRAPES WITH RUBIGAN

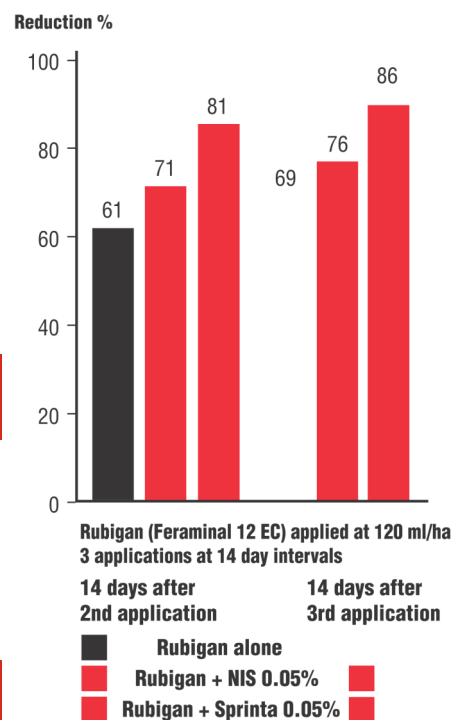
When applied with the fungicide Rubigan to control powdery mildew on grapes, SPRINTA provided superior control to Rubigan alone or Rubigan with a Nonylphenol nonionic surfactant (NIS). The difference was most notable within the bunches where SPRINTA enables the fungicide to spread more effectively on the difficult to wet grape surfaces.

TRIAL 2 – CONTROL OF MELON APHID IN POTATOES

SPRINTA significantly enhances the activity of both of the systemic insecticides Dimethoate and Pymetrozine. The greater efficacy is attributed to the adjuvant's ability to increase spray droplet retention and improve foliar uptake.

TRIAL 1

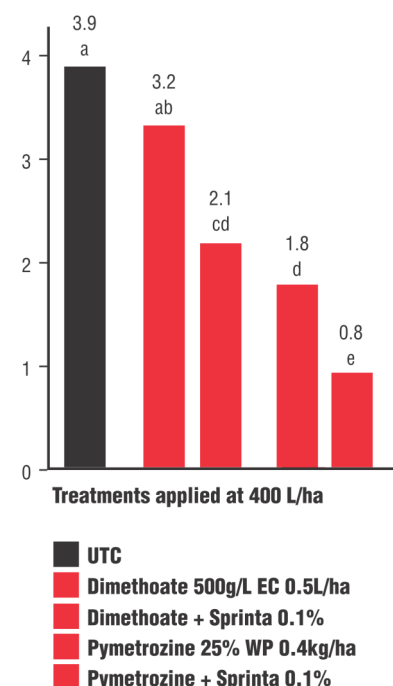
Powdery Mildew control on grapes with Rubigan*



TRIAL 2

Control of Melon Aphids in potatoes

Mean No. of aphids 16 Days After Treatment
LOG (N+1) per 24 leaves



SPRINTA[†]

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Suggestions for use

The superwetting properties of SPRINTA are most suited to products, crops or pests which require thorough surface coverage for optimum performance.

Examples include;

- ❑ control of bracken, gorse and other woody weeds with Metsulfuron-methyl and/or Glyphosate herbicides
- ❑ use of certain fungicides on grapes
- ❑ control of certain mites, aphids and other crawling pests using various miticide and insecticide products

Application Rates

General use with fungicides, insecticides and foliar nutrients 30 – 60 ml/100L spray volume.

For general use with Herbicides, apply SPRINTA at 50 – 200ml/100L. Use the higher rate when applying low water volumes or when controlling very difficult to wet weeds such as Gorse bracken or woody weeds.

For more information see SPRINTA label and always refer to the label of the products which are being used with it.

When using SPRINTA Superwetter for the first time in sensitive crops test by applying to a small area and check for symptoms of phytotoxicity before large-scale use.

General Specifications

Appearance	Clear pale to colourless liquid
Active matter	100% nonionic surfactant
Specific Gravity (20°C)	1.02

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The Company

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Key Benefits

- ❑ Increased performance of agricultural products when used as directed
- ❑ Enables spreading of spray deposits in even the mostly challenging of situations
- ❑ Provides greater spreading than traditional nonionic wetting agent products when used at the same rates
- ❑ Compatible with most agricultural products and spray water

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