

Product Description

Miracle[®]Union is a specifically designed to improve the rain fastness. Miracle[®]Union is a water based spreader/sticker

Physical properties

Viscosity at 25 °C	approx. 450mPa.s
Density at 25 °C	1,032 g/cm
PH	6-8
Solubility in Water	Soluble
Type	100% non-ionic
Form	Liquid
Colour	White

Miracle[®]Union combine the advantages of the siloxane based chemistry for excellent reduction of surface tension and spreading of spray droplets with the classical "sticker - properties".

Key Benefits

- Super Spreading Properties
Increased coverage and uptake due to ultra-low surface tension.
- Sticker Properties
Increased adhesion and retention of pesticide spray droplets on the target surface. Longer control effect from pests, diseases, or weeds.
- Penetration Properties
Better pesticide coverage improve spray droplets penetration. Miracle[®]Union rain fastness up to 30-45 minutes

- Drift Control Retardant

It helps to trigger an early break up of the liquid film resulting in a more even spray pattern and coverage of the targeted area due to bigger droplets and less drifting.

Application Rate

Standard

For improvement in performance of fungicides, herbicides, insecticides and plant growth regulators. 0.05 - 0.100%

Drift Control

For drift retardant 0.10 - 0.125%

*These are indicate application rates (minimum rate). **The specific application rates might differ due to plant and farming conditions.** Please contact G-Planter representative for the right recommendation.

Application Precautions

Miracle[®]Union can be used in tank mix applications as well in formulations. Please inquire for details. For tank mixtures, pesticide manufacturers may suggest a rate of a non-ionic surfactant to be used with their product. Follow the corresponding label recommendation.

However, if the pesticide label does not have a specific recommendation for adjuvant use, but does not prohibit its application,

Direction For Use

Always follow the pesticide recommendation on the label when tank mixed with Miracle[®]Union. Be sure to add Miracle[®]Union last when mixing.

Packing Size

500 ml PE bottle

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G-PLANTER SDN BHD

11A Jalan Mahsuri
Kawasan Perindustrian 1
86000 Kluang, Johor

Tel: 07-787 8488
Email: info@g-planter.com

www.g-planter.com

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances.
- protective measures for storage and handling measures in case of accidents and fire.
- toxicity and ecological effects is given in our safety data sheets.

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