

Nu-Film -P

**non-ionic
sticker-spreader**

Nu-Film-P not only offers protection under rainfall and irrigation but heat and UV are also major factors in pesticide breakdown.

Nu-Film-P offers maximum protection under the toughest environmental conditions allowing you to achieve maximum benefit and performance from your spray applications.

Nu-Film-P provides :-

- Better spray deposition
- Less pesticide loss due to environmental factors

Nu-Film-P is:-

- Completely natural product derived from pine resin
- Compatible with most commercially used insecticides, fungicides, herbicides and foliar fertilisers
- Dries in just one hour and provides wash-off protection from heavy rain
- Protects Biological Insecticides - ideal for IPM programs



Superior wetting action

Greatly reduces run off at application and prevents re-wetting once dry to allow controlled distribution of pesticides as Nu-Film weathers.

Spreading

Helps pesticide sprays penetrate and spread out uniformly on hairy or waxy leaves to get into all cracks and crevices.

Sticking

As a derivative of pine resin, Nu-Film-P is a superior natural adhesive. Increasing the initial amount of pesticide deposited during field applications and also protects the spray residue from loss due to irrigation, rain, dew, leaf abrasion and wind erosion.

Controlled release

Nu-Film-P dries into an elastic film which encapsulates the pesticide particles.

- Systemic chemicals move from the film into the plant tissue
- Contact insecticides are slowly released on the outside of the film for re-distribution and active pest control as the film naturally weathers.

Activator

Because Nu-Film-P dries rapidly into a waterproof film, it protects systemically translocated chemicals until they can penetrate and enter the plant tissue.

UV Protection

Nu-Film-P acts as a sunscreen, preventing degradation of the pesticide residue by ultra violet light.

Shields against heat

Nu-Film-P protects the pesticides against heat decomposition by reflecting solar radiation.

Hydrolysis and evaporation

Nu-Film-P encapsulates pesticides before they can evaporate, allowing them to be released slowly for more effective use.

The perfect IPM partner

Nu-Film-P, being a completely natural and non-toxic product itself, protects biological control organisms such as Bt (*Bacillus thuringiensis*) and viral agents.

For Extended Pesticide Activity ask about Nu-Film-17

DIRECTIONS FOR USE

GENERAL APPLICATIONS

Under most conditions spray Nu-Film-P at least one hour, during daylight, before an anticipated rain. Sunlight for this time period is needed for the protective film to set. Nu-Film-P is compatible with most herbicides, insecticides, fungicides & foliar fertilisers. Recommended not to be used with selective herbicides

PURPOSE	RATE	USAGE
AS A STICKER To control the life of the pesticide by forming a sticky elastic film that encapsulates and holds the pesticide on the crop foliage.	200-300 mL/Ha	Up to the normal pesticide cut-off time.
AS A SPREADER Helps the pesticide spray spread out uniformly on hairy or waxy plant parts to get into cracks and crevices.	200-300 mL/Ha	Up to the normal pesticide cut-off time.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

ALWAYS REFER TO LABEL DIRECTIONS ON THE PRODUCT CONTAINER

GENERAL INSTRUCTIONS

To convert rates per hectare per 100 Litres of water - use the following equation:

$$\text{mL of Nu-Film-P per 100 L of water} = \frac{\text{Nu-Film P Rate per hectare required (mL/ha)} \times 100}{\text{Water rate Applied (Litres/ha)}}$$

Eg. Nu-Film-P as a sticker @ 300 mL/ha with 500 Litres of water applied applied per hectare.

$$\frac{300 \times 100}{500} = 60\text{mL of Nu-Film-P per 100 litres of tank mix}$$

Add Nu-Film-P to the spray tank as it is filling, with the agitator running. To ensure good emulsification of this product, it is advisable to pre-mix Nu-Film-P with water before adding to the spray tank. Add Nu-Film-P to the spray tank as the last ingredient. Rinse tank, lines and nozzles, immediately after spraying, with water. After rinsing, there may still be a small amount of sticky residue in the tank. This will help to prevent rusting and corrosion. It will not clog nozzles when sprayer is next used. If spray happens to land on undesired surfaces, such as windows, cars, application equipment or others, it can be removed with soap and water, before the spray deposit is dry with premium grade or white kerosene after the film has dried or set. To remove dried deposits from painted surfaces, use standard tar remover products designed for use on painted car finishes.

Use this product in accordance with good agronomic practices, which include utilising proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

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Agspec Australia

ABN 40 109 573 953
Lot 1 Wandilo Road,
PO Box 1006,
Mt Gambier,
SA 5290
Phone: 0427 490 551

Agspec Singapore

146A Mackenzie Road,
Singapore, 228724
Phone: (+65) 6 334 6173

