

NU-FILM 17[®]

NON-IONIC EXTENDER STICKER-SPREADER

An Extender Sticker-Spreader agent designed to prolong the effective lifespan of Insecticides, Fungicides and Foliar fertilizers.

ACTIVE INGREDIENT

Di-1-p-Menthene.....905 g/L

Reg. No. L2981

Act 36 of 1947

WARNINGS

Allow the following number of days between last application and harvest:

All crops 30 days

- Observe warnings that apply to the product with which it is to be used.
- Store away from food and feedstuffs.
- Moderately irritating to eyes and skin.
- Keep out of reach of children.

Although this remedy has been extensively tested under a large variety of conditions, the manufacturer does not warrant that it will be efficacious under all conditions because the action effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label as well as by the method, time and accuracy of application. The manufacturer holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Avoid contact with skin, eyes and clothing.
- Wear rubber gloves and face shield protection when handling the concentrate.
- Rinse tank, lines and nozzles, immediately after use, with water.
- Destroy empty containers.
- Do not use **NU-FILM 17[®]** together with herbicides.

USE RESTRICTIONS

- Do not apply less than one hour before anticipated rain. The film requires one hour to set completely.

GENERAL INFORMATION

- **NU-FILM 17[®]** forms a sticky elastic film which holds the pesticide or foliar fertilizers on the crop foliage. This protective film may reduce the effects of environmental degrading factors, which increases the effectiveness of pesticide sprays. The protected film breaks down layer by layer over a period of time. The time required for full breakdown depends on dosage rate and environmental conditions.
- **NU-FILM 17[®]** will not foam, freeze or clog nozzles. It has been proven effective when applied by any aircraft or ground sprayer. It improves the initial pesticide or foliar fertilizers deposit and allows excellent distribution of aircraft and concentrated sprayer deposits, to give complete coverage.
- **NU-FILM 17[®]** prevents the loss by rainfall, overhead irrigation and wind erosion of pesticides or foliar fertilizers from the leaf surfaces for 18-28 days. Pesticide or foliar fertilizer volatilisation is minimised by protective film. Loss of pesticide or foliar fertilizer deposit by the abrasive activity of leaves rubbing together is also prevented.

COMPATIBILITY

- **NU-FILM 17[®]** is compatible with most insecticides, fungicides and foliar fertilizers.

DIRECTIONS FOR USE

USE ONLY AS INDICATED

GENERAL APPLICATIONS:

- Under most conditions spray **NU-FILM 17[®]** at least one hour, during sunlight, before anticipated rain.

PURPOSE	DOSAGE	REMARKS
AS A STICKER: To control the lifespan of the pesticide by forming a sticky elastic film that encapsulates and holds the pesticide on the crop foliage.	300 – 500 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.	300 – 500 ml/ha	Up to the normal pesticide cut-off time.
AS AN EXTENDER: To extend the time between spraying of some pesticides.	Limited extender 600 ml/ha Full extender 1.2 L/ha	DO NOT APPLY NU-FILM 17[®] AS AN EXTENDER WITHIN 30 DAYS OF HARVEST OF FOOD CROPS UNLESS UNDER SPECIFIC APPLICATIONS. Specific applications caution: The use of NU-FILM 17[®] on tolerance exempt pesticides close to harvest may result in visible residues on crops that may render them unsaleable. If this becomes a problem, do not use NU-FILM 17[®] .

- Sunlight for this time period is needed for the protective film to set.
- **NU-FILM 17[®]** is compatible with most insecticides, fungicides and foliar fertilizers.
- Not recommended for use with herbicides.

To convert rates per hectare to rates per 100 litres of water – use the following equation:

ml of **NU-FILM 17[®]** per 100 L of water = $\frac{\text{NU-FILM 17[®] Rate per Hectare required (ml/ha)} \times 100}{\text{Water rate applied (Liters/ha)}}$

eg. **NU-FILM 17[®]** as a sticker @ 500 ml/ha with 1000 Liters of water applied per hectare.

$$\frac{500 \times 100}{1000} = 50 \text{ ml of NU-FILM 17[®] per 100 liters of tank mix.}$$

MIXING INSTRUCTIONS

Add **NU-FILM 17[®]** to spray tank as it is filling while agitating. To ensure good emulsification of this product, it is advisable to pre-mix **NU-FILM 17[®]** with water before adding to the spray tank. Add **NU-FILM 17[®]** to the spray tank as the last ingredient with vigorous stirring. 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 used again. 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 or with premium grade or white kerosene after the film has dried or set.

MANUFACTURED IN THE UNITED STATES BY:
MILLER CHEMICAL & FERTILIZER CORPORATION
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