

FilmStar[®] - 21

EXTENDER, SPREADER, STICKER

Active Constituent: 904g/L di-1-p-Menthene
Poison Schedule: **Unscheduled**
APVMA Approval No: 66601



Eligible containers
10L

Filmstar-21 is a sticking-extending agent designed to control the life of pesticides. It is compatible in the spray tank with Insecticides, Fungicides and Soluble fertilizers

Pack Size:
10L cube

Dangerous Goods Class:
Not classified as a dangerous good under the Australian Code for Transport and Storage of Dangerous Goods in Australia.

GENERAL APPLICATIONS

Under most conditions spray FilmStar-21 at least one hour, during daylight, before an anticipated rain. Sunlight for this time period is needed for the protective film to set. FilmStar-21 is compatible with most insecticides, fungicides and foliar fertilisers.

- DIRECTIONS FOR USE TABLE STARTS ON NEXT PAGE -

FilmStar[®] - 21

DIRECTIONS FOR USE - All Crops		
PURPOSE	RATE	CRITICAL COMMENTS
<p>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.</p>	300mL/ha	Use up to the normal pesticide cut-off time
<p>AS A SPREADER Helps the pesticide spray spread out uniformly on hairy or waxy plant parts to get into cracks and crevices</p>	300mL/ha	Use up to the normal pesticide cut-off time
<p>AS AN EXTENDER To extend the time between sprayings of some pesticides by up to 7 days *.</p>	1.2L/ha	<p>Do not apply FilmStar-21 within 30 days of harvest of food unless under specific spray applications.</p> <p>SPECIFIC APPLICATIONS CAUTION: FilmStar-21 can be used with copper fungicides and tolerance exempt pesticides on food crops right up to harvest. The use of FilmStar-21 on tolerance exempt pesticides close to harvest may result in visible residues on crops that may render them unsaleable. If this becomes a problem, the rate of FilmStar-21 should be reduced or stopped altogether.</p>
<p>*This is a guide only. The actual length of extension may vary depending on the type of pesticide used and climatic conditions after application.</p>		

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL,
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

FilmStar[®] - 21

GENERAL INFORMATION

FilmStar-21 is a sticking – extending agent designed to control the life of pesticides. It is compatible in the spray tank with insecticides, fungicides and soluble fertilisers.

- Forms a sticky elastic film which encapsulates and tenaciously holds the pesticide on the cropfoliage. This protective film may reduce the effects of environmental degrading factors, which reduce the effectiveness of pesticide sprays.
- 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 deposit and allows excellent redistribution of aircraft and concentrate sprayer deposits, to give complete coverage.
- Prevents rainfall and wind erosion of pesticides from the leaf surfaces. Pesticide volatilisation is minimised by protective film. Loss of pesticide deposit by the abrasive activity of leaves rubbing together is also prevented. Under most conditions, apply spray containing FilmStar-21 at least one hour, during daylight, before anticipated rain. Sunlight for this time period is needed for the protective film to set.

General Instructions

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

$\text{mL of FilmStar-21 per 100L water} = \text{FilmStar-21 rate per hectare required (mL/ha)} \times 100 / \text{water rate applied (Litres per ha)}$

e.g. FilmStar-21 as an extender @ 1200mL/ha with 500 litres of water applied per hectare.
 $(1200 \times 100) / 500 = 240\text{mL FilmStar-21 per 100 litres of tank mix}$

MIXING:

Add FilmStar-21 to the spray tank as it is filling, with the agitator running. To ensure good emulsification of this product, it is advisable to premix FilmStar-21 with water before adding to the spray tank. Add FilmStar-21 to the spray tank as the last ingredient. Rinse tank, lines and nozzles with water immediately after spraying. 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 or with premium grade or white kerosene after the film has dried or set. To remove dried deposits from painted car 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. 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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT:

DO NOT contaminate streams, rivers or waterways (including ponds and drains) with this product or used containers.

STORAGE AND DISPOSAL:

Keep out of reach of children. Store in the closed, original container in a well ventilated area.

DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

FilmStar[®] - 21

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MSDS

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

Agricultural, horticultural and pastoral preparations in their application involve varying factors such as differing conditions, soil, climate and methods of application over which the vendor does not have control, Whilst Colin Campbell (Chemicals) Pty. Ltd believes that all goods sold by it are true to label and are effective and safe for purpose indicated the company and the seller hereby expressly negate and exclude any express or implied condition, statement or warranty, statutory or otherwise, as to quality or fitness of any goods sold for any purpose or purposes whatsoever except such warranties and conditions, if any, as are implied by the Trade Practices Act 1974 (Commonwealth). The company and the seller accept no responsibility for any loss, harm or damage whatsoever suffered from the use of such goods for any purpose or purposes irrespective of whether or not the buyer was acting in reliance upon the advice recommendation or representation of the seller or any representative agent of employee of the company as to such use except in respect of breaches of conditions and warranties, if any, implied by the Trade practices Act and in respect of such breaches the liability of the company and the seller shall be limited to the replacement of the goods or the supply of equivalent goods, or the payment of the cost of replacing the goods.

THIS PRODUCT IS NOT A DANGEROUS GOOD FOR TRANSPORT AND STORAGE IN AUSTRALIA.

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