

Pegasus[®]500SC

syngenta[®]

Reg. No. L8668 Act / Wet No. 36 of / van 1947

INSECTICIDE GROUP 12A INSEKODERGEROEP

Aktiewe bestanddeel / Active ingredient:

diafenthiuron (thio-urea) /
diafenthiuron (thio-urea)..... 500 g/l

UN 2588

Product names marked ® or ™, the ALLIANCE FRAME, the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company.

'n Suspensie konsentraat myt-
en insekdoder vir die beheer
van roospinmyt en witvlieë in
tamaties.

A suspension concentrate aca-
ricide and insecticide for the
control of red spider mites and
whiteflies in tomatoes.

EMERGENCY TEL. / NOOD TEL.
++27 (0) 8312 33 911
(Bateleur 911)

© SYNGENTA, AG

Registration holder / Registrasiehouer:
Syngenta SA (Pty) Ltd. / (Edms) Bpk.
(Co./Mpy Reg. No. 1998/013761/07)
Private Bag / Privaatsak X 60
HALFWAY HOUSE, 1685 RSA.
Tel. (011) 541-4000

Batch No

Date of Manufacture



CAUTION
VERSIGTIG



WARNINGS

Withholding periods: (minimum number of days between last application and harvest)

Tomatoes 4 days

- Handle with care.
- Poisonous if swallowed or inhaled and harmful by prolonged contact with skin. Irritating to eyes.
- Toxic to fish, aquatic life and bees.
- Store away from food, feed and drinking water.
- Keep out of reach of children, uninformed persons and animals.
- Store away from sun and damp. Store in original closed container in a well ventilated area.
- Avoid storage below 0° C and above 35° C.
- Once container has been opened, it should be used within a few days.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not guarantee that it will be effective under all conditions. The activity and 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 and the occurrence of resistance of pest against the remedy, as well as by the method, time and accuracy of application. The registration 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 by 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

- Do not inhale the spray mist. Avoid contact with eyes and skin.
- Wear rubber gloves and face shield when mixing and applying.
- Wash with soap and water after use.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.

ENVIRONMENT

- Spillage: Soak up with sand, sawdust or soil and shovel into waste containers.
- Do not contaminate stagnant or running water by disposal of waste.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.

DISPOSAL

- Dispose of excess pesticide, spray mixture or rinsate where it will not contaminate crops, grazing, rivers, dams or boreholes.
- Empty container completely.
- Perforate and bury or burn the empty container.
- Do not use the empty container for any other purpose.

RESISTANCE MANAGEMENT

For resistance management, **PEGASUS** is a group code 12A insecticide. Any insect population may contain individuals naturally resistant to **PEGASUS** and other group code 12A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and exclusively in programs. These resistant insects not be controlled by **PEGASUS** or any other group code 12A insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insect group code. Alternate or tank mix with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For specific information on resistance management contact the registration holder of this product.

- An anti-resistance strategy in agricultural pests is very important.
- Use alternative products for the control of **red spider mite** and sucking pests in those areas where the **cotton aphid** has not yet developed resistance to organophosphates.

PRODUCT CHARACTERISTICS

- Excellent contact and stomach action and some ovicidal activity.
- Local systemic activity only (translaminar).
- Vapour action.
- Effective against both susceptible and organophosphate and carbamate resistant strains of mites and aphids.
- Slow initial activity but extended residual efficacy.

SCOUTING

Make use of a scouting system and economic threshold values to determine when to commence application of **PEGASUS** for insect and mite control in cotton and tomatoes.

DIRECTIONS FOR USE

Use only as directed

COMPATIBILITY

The compatibility of **PEGASUS** with other products may be

influenced by the formulation of the products involved as well as the quality of the water. Since the formulation of other products may change without the knowledge of Syngenta and the quality of water may vary from farm to farm, a physical compatibility test should always be carried out prior to application. **PEGASUS** is compatible with most standard insecticides and fungicides of neutral reaction. In the event of any doubt, a compatibility test should be carried out.

- Avoid spraying during the heat of the day, if foliage is wet, or if rain is imminent.
- **Allow 24 hours to expire between a PEGASUS application and overhead irrigation.**

MIXING INSTRUCTIONS

- Half fill the spray tank with clean water and add the required quantity of **PEGASUS**. Maintain agitation while topping up. Always stir the spray mixture well and apply within a few hours of mixing.
- **PEGASUS** may be mixed with water of different pH values. **Do not use products to acidify the water.**

APPLICATION TECHNIQUES

- Ensure equipment is correctly calibrated to give even distribution at the correct volume. Wash all equipment thoroughly after use.
- Wet the entire plant. Do not overdose by overlapping applications or by exceeding the recommended rate.

Ground application

Tractor sprayers with spray boom for cotton application:

Apply a spray volume of at least 150 ℓ/ha. Dense crops will require higher spray volumes for improved coverage.

Tractor sprayers for tomato application:

Apply using different spray volumes depending on plant size and application method. Ensure thorough wetting of the plants. For plants up to 600 mm use up to 500 ℓ/ha water. For plants higher than 600 mm use up to 1 500 ℓ/ha water.

Mistblowers and low volume spray applications for tomatoes:

Complete coverage of the plant is vital. It is essential to apply the same volume of **PEGASUS** per hectare as would be the case when high volume spray equipment is used, notwithstanding the volume of water per hectare applied.

APPLICATION RATES

CROP	PEST	DOSAGE g/ha	NO. OF APPLICATIONS
Cotton	Spider mites (<i>Tetranychus</i> spp.)	800 ml/ha	1 – 2
	Aphid (<i>Aphis gossypii</i>)	600 ml/ha	1 – 2
	Leafhoppers (<i>Empoasca fascialis</i> = <i>Jacobiella fascialis</i>)	600 ml/ha	1 – 2
Tomatoes	Red Spider Mite (<i>Tetranychus urticae</i>)	80 ml/100 ℓ water	2 (7 day intervals) Commence with application at a threshold of <1.5 mobiles per compound leaf.
	Whiteflies (<i>Trialeurodes vaporarium</i>) and (<i>Bemisia tabaci</i>)	60 ml / 100 ℓ water	2 (7 day intervals) Alternate with chemicals with a different mode of action to reduce resistance development. See RESISTANCE MANAGEMENT notes.

PEGASUS® = Registered trade mark of a Syngenta Group Company.

© SYNGENTA AG, 2000. Copyright in this document is reserved. All unauthorised reproduction is forbidden.