

Smitten

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An emulsifiable concentrate containing 18 g/l abamectin (1.84% w/w)

WARNING

Harmful if swallowed.

Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.



Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice if you feel unwell. Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed clean containers which can be disposed of as non-hazardous waste. **To avoid risks to human health and the environment, comply with the instructions for use.**

MAPP 18477

IMPORTANT INFORMATION: FOR USE ONLY AS A HORTICULTURAL ACARICIDE /INSECTICIDE.

Crops / Situations	Maximum Individual Dose	Max. No. of Treatments (per crop)	Latest Time of Application
Aubergine	See Other specific restriction (1)	3	3 days pre-harvest
Ornamental plant protection	See Other specific restriction (1)	4	-
Pepper & Chilli	See Other specific restriction (1)	3	3 days pre-harvest
Strawberry	See Other specific restriction (1)	3	3 days pre-harvest
Tomato	See Other specific restriction (1)	3	3 days pre-harvest

Other Specific Restrictions: 1) The maximum concentration must not exceed 50 ml product per 100 litres water. DO NOT TREAT protected tomatoes which are in flower or have fruit set between 1 November and the end of February. DO NOT TREAT cherry tomatoes. KEEP UNPROTECTED PERSONS OUT OF TREATED AREA until the spray has dried. Treatment must only be made under 'permanent protection' situations which provide full enclosure (including continuous top and side barriers down to below ground level) and which are present and maintained over a number of years. Reasonable precautions must be taken to prevent access of birds, wild mammals and honey bees to treated crops. To minimise airborne environmental exposure, vents, doors and other openings must be closed during and after application until the applied product has fully settled.

READ THE LABEL BEFORE USE. USING THE PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

USAGE

Western Flower Thrips: Apply at the first sign of nymphs in the crop. For optimum control, make 2 or 3 applications leaving a week-long interval between sprays. If the problem persists, use of SMITTEN in combination with other appropriate insecticides is recommended. Apply at a dose rate of 50ml of SMITTEN per 100 litres water

Leaf Miner: Apply at the first sign of leaf miner damage in the crop. Repeat applications can be made after a week has elapsed. If the problem persists, use of SMITTEN in combination with other appropriate insecticides is recommended. Apply at a dose rate of 50ml of SMITTEN per 100 litres of water.

Two-Spotted Spider Mite: Apply at the first sign of mites and ideally prior to any leaf damage or the appearance of webs. A second application can be made a week later. After this, it is recommended to use SMITTEN in sequence with other products with a differing mode of action. Apply at a dose rate of 50ml of SMITTEN per 100 litres water

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

RESISTANCE MANAGEMENT

To three sequential applications of SMITTEN may be made to target a single generation of the pest. It is advisable to alternate the sequential applications of SMITTEN with products that have a different mode of action.

IPM PROGRAMMES & POLLINATING BUMBLE BEE SAFETY INFORMATION

Ensure that bees remain out of the crop for at least 24 hours after the use of SMITTEN in tomato crops (where bees are employed as pollinators). There is insufficient evidence to show compatibility of biological pest-control programmes with SMITTEN.

USAGE

SMITTEN contains 18g/l Abamectin (1.8% w/w) as an emulsifiable concentrate. SMITTEN is designed to control the larval stages of leaf miners (Liriomyza spp.) and the nymphs of Thrips spp. and Western Flower Thrips (Frankliniella occidentalis) in protected Aubergine, Ornamental Plants, Pepper and Chilli, Strawberry and Tomato. SMITTEN will take from 3 to 5 days to obtain complete control, although further pest damage will be prevented soon after application.

CROPS

Ornamental plant production (protected):

SMITTEN can be applied throughout the year to control Western Flower Thrips and Two-Spotted Spider Mite. SMITTEN should be alternated with different products, do not exceed 4 treatments per 12 months.

Tomato, aubergine, pepper and chilli and strawberry (protected):

SMITTEN will control Leaf Miners and Two-Spotted Spider Mite in tomatoes. SMITTEN is useable throughout the year on seedling tomatoes before the onset of flowering or fruit set. For crops in flower or bearing fruit, applications of SMITTEN should be made after the beginning of March and before the end of October. It is not permissible to use the product on crops that are flowering or in fruit from the beginning of November until the end of February. SMITTEN must not be applied to cherry tomatoes. No more than 3 treatments per year should be made*. *For protected Aubergine, Pepper and Strawberry crops – do not exceed 3 applications per year. Always consult processors before using on crops destined for processing.

CROP SAFETY ADVICE: SMITTEN has been tested for safety on a range of ornamental, flowering and edible crops. The product has been shown to be safe to most plant types treated, prior to using SMITTEN on any new varieties, a patch test on a small area is recommended in order to prevent damage to crops. SMITTEN should not be applied to ferns (e.g. Adiantum spp.), Leucanthemum spp. or to Shasta daisies. Please note that carnations, begonia foliage and Kalanchoe may exhibit minor staining or spotting.

PROTECT FROM FROST.

MIXING AND SPRAYING

Fill the spray tank halfway with clean water. Add correct quantity of SMITTEN as displayed above and continue to fill. Turn on the agitation and commence spraying straight away. Do not allow the mixture to stand for long periods before use (e.g. overnight). Always ensure that the sprayer is clean, in good working order and calibrated to the sprayer manufacturer's instructions. Thoroughly wash all application equipment with water immediately after use.

SPRAY VOLUME

For optimum results, the surface of the plants should be well covered. However, do not spray so excessively that it leads to run-off. It is not recommended to apply SMITTEN via low volume application systems.

EQUIPMENT

For outdoor applications, use an appropriate high volume hydraulic nozzle applicator. For indoor applications, use an appropriate hydraulic nozzle applicator (e.g. knapsack sprayer/motorized sprayer with hand lance).

TANK MIXING

Safety Precautions

(A) Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment: Operators must wear suitable protective gloves and face protection (face shield) when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

WASH ALL PROTECTIVE CLOTHING THOROUGHLY after use, especially the insides of gloves.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, seek medical advice immediately (show label where possible).

(B) Environmental Protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from yards and roads. HIGH RISK TO BEES. DO NOT apply to crops in flower or to those in which bees are actively foraging. Do not apply when flowering weeds are present.

(C) Storage and Disposal

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely. DO NOT RE-USE CONTAINER FOR ANY PURPOSE. KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place, under lock and key.

MEDICAL ADVICE

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention. Skin: Wash with plenty of water. Eyes: Flush with plenty of water. Get medical attention in all cases. Abamectin is believed to enhance GABA activity in animals. Recommendations for medical treatment for Abamectin acute toxicity: Early signs of toxicity include muscle tremors, dilated pupils (mydriasis) and unsteadiness (ataxia). If toxicity from exposure has progressed to severe vomiting, the extend of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observation should continue for at least several days until clinical condition is stable and normal. Since Abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity in patients with potentially toxic Abamectin exposure e.g. barbiturates, benzodiazepines, and valproic acid.

GUIDE TO DOCTORS

In case of symptomatic effects, provide supportive treatments depending on symptomatology, to maintain life functions. In case of emergency, contact 0844 8920111 (NPIS).

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has 'off-label' approval or is otherwise permitted under the Control of Pesticides Regulations. The information on the label is based on the best available information including data from test results.

Authorisation Holder: Pan Agriculture Ltd, 8 Cromwell Mews, Station Road, St Ives, Cambridgeshire, PE27 5HJ
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This product has been re-bottled at Grotech Production Limited, Britania Road, Goole, DN14 6ET

1 Litre e