

POISON

KEEP OUT OF REACH OF CHILDREN. READ SAFETY DIRECTIONS BEFORE OPENING OR USING



PYRANICA MITICIDE

ACTIVE CONSTITUENT: 200 g/Kg TEBUFENPYRAD

GROUP 10A INSECTICIDE

For the control of Two-spotted Mite and European Red Mite in Apples, Pears and Peaches and Two-spotted Mite in Ornamentals.

- Proven powerful performance regardless of temperature
- Follow local mite resistance strategy
- Long lasting control of mites at all stages of life-cycle
- Higher levels of compatibility with predatory mites
- Excellent fruit finish
- Ideal for use in an IFP program

SUMMIT AGRO
AUSTRALIA

DIRECTIONS FOR USE

Restraints: DO NOT apply if rain is expected within 3 hours.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto adjacent areas, particularly wetlands, waterbodies or watercourses.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Apples, Pears, Peaches	Two-spotted Mite (Tetranychus urticae), European Red Mite (Panonychus ulmi)	Qld, NSW, Vic, Tas, SA, WA, only	Dilute Spraying: 25 to 50 g /100 L Concentrate Spraying: Refer to the Application Section	14 days	Apply by dilute or concentrate spraying equipment. Use higher rate when a longer period of residual control is required. Note: DO NOT use lower rates unless predators are present and IMC is being practised. Apples and peaches: spray before mite infestation reaches 70% of leaves infested. Pears: spray before mite infestation reaches 25% of leaves infested or 1.4 mites per leaf average. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. When applying with concentrate water volumes, DO NOT use at rates greater than 150 g/100L.
Ornamentals	Two-spotted Mite (Tetranychus urticae)	Qld, NSW, Vic, SA, WA, NT only	5 to 10 g /10 L	Nil	Lower rate may only suppress two-spotted mite build-up. Application to some varieties of chrysanthemum and gerbera may cause some phytotoxicity. Spraying at early signs of mite infestations may extend period of residual control.

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

WITHHOLDING PERIODS:

Apples, Pears, Peaches: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Ornamentals: NOT REQUIRED WHEN USED AS DIRECTED.

DO NOT GRAZE ANY TREATED AREAS.

DO NOT FEED PRODUCE FROM TREATED AREAS TO ANIMALS, INCLUDING POULTRY.

GENERAL INSTRUCTIONS

MIXING

Add the required quantity of product to clean water while stirring or while agitators are in motion. Maintain agitation during spraying. Note: DO NOT open the water soluble sachets.

APPLICATION

The product may be applied as a dilute or concentrate spray.

DILUTE SPRAYING (Apples, Pears, Peaches only) :

Use a sprayer designed to apply high volumes of water up to the point of run off and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run off. Avoid excessive run off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run off. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

CONCENTRATE SPRAYING (Apples, Pears, Peaches only):

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

Example Only:

1. Dilute spray volume as determined above: For example 1500 L/ha.
2. Your chosen concentrate spray volume: For example 500 L/ha.
3. The concentration factor in this example is: $3 \times$ (ie $1500 \text{ L} / 500 \text{ L} = 3$)
4. If the dilute label rate is 25 g / 100L, then the concentrate rate becomes 3×25 , that is 75 g/100 L of concentrate spray.

The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and following industry Best Practices.

Note: in some instances residual control may be reduced from the use of concentrate sprays.

COMPATIBILITY

A number of insecticides, fungicides, spreaders, adhesives and wetting agents are compatible with PYRANICA if mixed in the spray tank and used promptly. As it is impossible to know all the commercial products on sale, we cannot assume any responsibility for tank mix compatibility. We can only recommend to the user that a preliminary compatibility test be carried out with the planned mixture to observe the physical aspect of the spray and the reaction it may produce on the plants to be treated during the days following the test.

RESISTANCE MANAGEMENT

Apples/Pears/Peaches: A successful resistance management strategy will use a variety of methods including: use of chemicals from different groups (e.g. oils, organophosphates) and use of predators.

Make only one application of PYRANICA per season. If another spray is required, alternate with products from other chemical groups. If PYRANICA is the last miticide applied one season then the first miticide spray the following season should be with a product from another chemical group.

RESISTANCE MANAGEMENT (continued)

Ornamentals: A successful resistance management strategy will use a variety of methods including: use of chemicals from different groups (e.g. oils, organophosphates) and use of predators. Use no more than 4 sprays of PYRANICA each calendar year. DO NOT apply PYRANICA sequentially. Preferably use at least 3 miticide sprays from 2 other chemical groups before re-using PYRANICA.

Integrated Mite Control (IMC):

PYRANICA, when applied within the labelled rate ranges, allows IMC (based on *T. pyri* and *T. occidentalis*) to be maintained - but will adversely affect the mite predator *Phytoseiulus persimilis*.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management PYRANICA is a Group 10A insecticide.

GROUP	10A	INSECTICIDE
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Some naturally occurring insect biotypes resistant to PYRANICA and other Group 10A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PYRANICA and other Group 10A insecticides are used repeatedly. The effectiveness of PYRANICA on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Summit Agro Australia Pty Ltd accepts no liability for any losses that may result from failure of PYRANICA to control resistant insects. PYRANICA may be subject to specific resistance management strategies. For more information contact your supplier, Summit representative or local agricultural department agronomist.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS, ENVIRONMENT AND BEES

Dangerous to fish and aquatic organisms.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

DO NOT spray across open bodies of water. Dangerous to bees.

DO NOT spray any plants in flower while bees are foraging. May adversely affect the mite predator *Phytoseiulus persimilis*.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

DO NOT dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill.

If no landfill 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.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. Avoid contact with eyes. Avoid inhaling dust.

When preparing spray wear face shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

MATERIAL SAFETY DATA SHEET

For further information refer to Material Safety Data Sheet which can be obtained from the supplier or by visiting:-

<http://summit-agro.chemdata.ws>

NOTICE TO BUYER

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.