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

Nufarm

**Nuprid® 200SC**
Insecticide

**ACTIVE CONSTITUENT:** 200 g/L IMIDACLOPRID

**GROUP 4A INSECTICIDE**

For the control of various insect pests of cotton, fruit, vegetables and ornamentals as specified in the Directions for Use table.

**READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.**

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DIRECTIONS FOR USE

**FOLIAR SPRAY APPLICATIONS**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE</th>
<th>WHP</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brassicas</strong></td>
<td>Grey cabbage aphid</td>
<td>25mL/100L or 300mL/ha</td>
<td>7 days</td>
<td>Apply at first sign of aphid infestation. Add a wetting agent.</td>
</tr>
<tr>
<td></td>
<td>Tump aphid</td>
<td></td>
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</tbody>
</table>
| **Capsicum** | Green peach aphid             | 250mL/ha + Nufarm Pulse® Penetrant at 0.2% v/v (2mL/L water) | 13 weeks | The addition of Nufarm Pulse Penetrant is critical for the performance of Nuprid 200SC. Apply early in the establishment of an aphid infestation when numbers are low (ie no more than 1 or 2 leaves per plant with honeydew present). Applications made later than this may result in reduced control. Shorter residual control may be evident and a repeat application of a registered aphicide (follow the Cotton Insecticide Resistance Management Strategy for cotton aphid) may be required to achieve complete control:
• if applications of Nuprid 200SC plus Pulse are timed too late (see above); or
• if existing high density aphid colonies (hotspots) are present; or
• if aphids have established throughout the plant canopy (especially lower in the canopy); or
• if there is high reinestation pressure; or
• if there is rapid crop growth; or
• if Nuprid 200SC plus Pulse is used following a spray-failure (eg resistance to organophosphate or carbamate insecticides). Note: Where resistance to carbamates or organophosphates is suspected, Nuprid 200SC plus Pulse should be used first so as not to delay control of the aphids present. |**Mirids**
Brown flea beetle

| **Cucumber** | Silverleaf whitefly, including type B | 25mL/100L or 250mL/ha | 1 day | Apply at first sign of whitefly infestation. Apply dilute sprays (25mL/100L) to run off. Ensure thorough coverage of underside of leaves. Use of droppers will improve coverage of underside of leaves. |
| Cucurbits    | Green peach aphid               | 25mL/100L or 300mL/ha     |      | Apply at first sign of aphid infestation. |

APVMA Approval No.: 60590/0606
### SOIL DRENCH APPLICATIONS

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>Wooly aphid</td>
<td>Chemical control 12mL/1L of water/tree Beneficial insect plus chemical control (eg Aphelinus mali plus Nuprid 200SC) 3mL/1L of water/tree</td>
<td>-</td>
<td>For trees up to 7 years of age. During late summer or autumn, apple trees with wooly aphid colonies or damage should be identified and marked for treatment the following season. At green tip to petal fall, apply 1 litre of the prepared Nuprid 200SC mixture to moist soil immediately around the base of the tree trunk. Ensure the mixture infiltrates the soil around the trunk and does not run off the soil. Control weeds before application. Do not disturb or remove the soil around the trunk during the season. If aerial colonies are present at application, maximum effectiveness may not be achieved until the following season. Do not treat more than once in any 3 year period.</td>
</tr>
<tr>
<td>Azaleas in pots</td>
<td>Azalea lace bug</td>
<td>3.5mL/250mL water/pot</td>
<td>-</td>
<td>Use as a soil drench for pots up to 20L capacity. Prior to application remove mulch and dead vegetation, and moisten the soil surface. Apply the Nuprid 200SC mixture, and then water it in well immediately after application.</td>
</tr>
<tr>
<td>Elm</td>
<td>Elm leaf beetle</td>
<td>7mL/25 mm of tree diameter at breast height</td>
<td>-</td>
<td>Mix the required dose in sufficient water to adequately treat each tree. Use at least 50L of mix per tree up to a tree diameter of 400-500mm and then 100L per tree for larger trees. Inject mix to a depth of 20-30 cm in a minimum of 4 injection sites per tree, 0.75 to 1.5m apart, arranged in an evenly spaced grid to just beyond the drip line. Ensure root zone is adequately moist with active root growth. Keep treated area moist for 7-10 days after treatment. Treat at least 6-10 weeks prior to pest attack in late winter or early spring when roots are active. DO NOT treat if soil is waterlogged.</td>
</tr>
<tr>
<td>Ornamentals in pots</td>
<td>Scarab beetle larvae</td>
<td>3.5mL/5L water</td>
<td>-</td>
<td>Use as a soil drench. 5L of mixture will treat twenty 6L pots. Prior to application remove mulch and dead vegetation, and moisten the soil surface. Apply the Nuprid 200SC mixture, and then water it in well immediately after application.</td>
</tr>
</tbody>
</table>

### CRITICAL COMMENTS

- Spray buds and flowers as needed.
- Apply sprays 2 weeks apart. Use a non-ionic surfactant at label rate.
- Spray at first sign and then a week later.
- Spray in late spring or when small scales are first seen. Apply 3 sprays 2 weeks apart. Add a wetting agent.
- Apply at first sign of melon thrips infestation. Apply dilute sprays (25mL/100L) to run off. Ensure thorough coverage of underside of leaves. Use of droppers will improve coverage of underside of leaves.
- Apply as a thorough cover spray at first sign of insect infestation.
- Spray at first sign of whitefly infestation. Apply dilute sprays (25mL/100 L) to run off. Ensure thorough coverage of underside of leaves. Use of droppers will improve coverage of underside of leaves.
- Apply at first sign of aphid infestation.
- Apply as a thorough cover spray at first sign of insect infestation.
- Apply at first sign of aphid infestation. Apply as a full cover spray, ensuring thorough coverage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Do not use in equipment that requires rates greater than 125mL/100L of water (ie greater than 5x concentrate).
- Apply when aphid numbers reach spray threshold levels as determined by regular monitoring. Ensure thorough coverage of all leaves.
- Apply at first sign of melon thrips infestation. Apply dilute sprays (25mL/100L) to run off. Ensure thorough coverage of underside of leaves. Use of droppers will improve coverage of underside of leaves.
### Crop, Pest, Rate, Critical Comments

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<tr>
<td>Roses</td>
<td>Aphids</td>
<td>3.5mL/2L water/plant</td>
<td>Use as a soil drench by pouring mixture evenly around drip zone. Use this rate for plants up to 1m high. For each additional metre of plant height, add 2mL extra of Nuprid 200SC to the 2L of water. Prior to application remove mulch and dead vegetation, and moisten the soil surface. Apply the Nuprid 200SC mixture, and then water it in well immediately after application.</td>
</tr>
</tbody>
</table>

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

**WITHHOLDING PERIODS**

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</thead>
<tbody>
<tr>
<td>Apples</td>
<td>NOT REQUIRED WHEN USED AS DIRECTED</td>
</tr>
<tr>
<td>Cotton</td>
<td>DO NOT HARVEST FOR 13 WEEKS AFTER APPLICATION</td>
</tr>
<tr>
<td>Cotton</td>
<td>DO NOT GRAZE OR CUT FOR STOCK FOOD</td>
</tr>
<tr>
<td>Cucurbits</td>
<td>DO NOT HARVEST FOR 1 DAY AFTER APPLICATION</td>
</tr>
<tr>
<td>Tomatoes</td>
<td>DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION</td>
</tr>
<tr>
<td>Brassicas, Capsicum, Eggplant, Potatoes, Sweet Potatoes</td>
<td>DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION</td>
</tr>
<tr>
<td>Stone Fruit</td>
<td>DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION</td>
</tr>
</tbody>
</table>

DO NOT graze any treated area, or cut for stock food.

DO NOT feed produce harvested from treated area to animals, including poultry.

**GENERAL INSTRUCTIONS**

**INSECTICIDE RESISTANCE WARNING**

**GROUP 4A INSECTICIDE**

For insecticide resistance management, Nufarm Nuprid 200SC Insecticide is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to Nuprid 200SC and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Nuprid 200SC or other Group 4A insecticides are used repeatedly. The effectiveness of Nuprid 200SC on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Nuprid 200SC to control resistant insects. Nuprid 200SC may be subject to specific resistance management strategies. For further information contact your local supplier, Nufarm Australia Limited representative or local agricultural department agronomist.

**RESISTANCE MANAGEMENT STRATEGY**

**Cotton aphid in cotton**

 Observe the cotton industry Insecticide Resistance Management Strategy (IRMS).

**Aphids, whitefly and melon thrips in various crops**

 DO NOT apply Nuprid 200SC (or other Group 4A insecticides) in consecutive sprays within and between seasons. Rotate with registered insecticides from other mode of action groups.

**Confined environments such as glasshouses**

 Annuals: DO NOT apply more than one spray of Nuprid 200SC (or other Group 4A insecticides) to any one crop.

 Perennials: Rotate with registered insecticides from other groups. Use a maximum of three Nuprid 200SC (or other Group 4A insecticides) sprays in any 12 month period.

**MIXING/APPLICATION**

 Prior to pouring, shake container vigorously, then add the required quantity of Nuprid 200SC to water in the spray vat while stirring or with agitators in motion.

**SPECIAL INSTRUCTIONS FOR STONE FRUIT**

**Dilute Spraying**

- 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**

- 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 1500L/ha
2. Your chosen concentrate spray volume: For example 500L/ha
3. The concentration factor in this example is: 3 x (ie 1500L + 500L = 3)
4. As the dilute label rate is 25mL/100L for stone fruit, then the concentrate rate becomes 3 x 25, that is 75mL/100L 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.
   - Do not use a concentrate rate higher than that specified in the Critical Comments.
   - For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

APPLICATION (COTTON)
Thorough coverage of cotton plants is essential to achieve maximum performance from Nuprid 200SC plus Pulse. Equipment should be calibrated to achieve a minimum of 60 droplets/cm² on the target foliage. A droplet Volume Median Diameter (VMD) for optimum performance from Nuprid 200SC plus Pulse is dependent on equipment and is defined below. Do not apply when unfavourable environmental conditions may reduce the quality of spray coverage.

GROUND APPLICATION (COTTON)
Application using ground equipment should be made using hollow cone nozzles with a minimum spray volume of 100L/ha. Hollow cone nozzles are recommended but if flat fan nozzles are used, higher water volumes will be required and nozzles should be configured to ensure thorough coverage. A droplet VMD of 150 - 180 microns must be used. Where multiple nozzles per row are used, they should be of the same specification to ensure that each nozzle contributes an equal proportion of the required dose. Where multiple nozzles per row are used (particularly for banded applications) ensure the correct nozzle overlap pattern is achieved on the target foliage. Banded applications less than 100% are not recommended beyond the 15 node crop stage.

AERIAL APPLICATION (COTTON)
Apply in a minimum spray volume of 25L/ha. A droplet VMD of 120 - 150 microns must be used. Do not exaggerate swath width or exceed a swath width of 20 to 22m. Do not apply Nuprid 200SC plus Pulse using Ultra Low Volume (ULV) methods. The use of large droplet placement equipment is not recommended.

COMPATIBILITY
As formulations of other manufacturers’ products are beyond the control of Nufarm Australia Limited, all mixtures should be tested prior to mixing commercial quantities. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Nufarm Australia Limited cannot be responsible for the behaviour of such mixtures.

EXPORT OF TREATED PRODUCE
Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Nuprid 200SC. If you are growing edible produce for export, please check with Nufarm Australia Limited for the latest information on MRLs and import tolerances before using Nuprid 200SC.

NOTE ON ORNAMENTALS
Nuprid 200SC Insecticide has been used on a wide range of ornamental plant species without damage. However, some species and varieties are particularly sensitive to chemical sprays and as this is often related to local conditions it is advisable to treat only a small number of plants first, in order to ascertain their reaction before treating the whole crop.

PROTECTION OF LIVESTOCK
Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.
DO NOT graze any treated area, or cut for stock food.
DO NOT feed produce harvested from treated area to animals, including poultry.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways with the chemical or used containers.
A spray drift minimisation strategy should be employed at all times when aerially applying sprays. The strategy envisaged is exemplified by the cotton industry’s Best Management Practices Manual.

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, 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 500 mm 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. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When preparing product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. Wash hands after use. After each day’s use, wash gloves, goggles and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET
Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier.

In case of emergency: Phone 1800 033 498.
Ask for shift supervisor. Toll free 24 hours.
CONDITIONS OF SALE

“Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute.”

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