

**Metafort 60SL** is a contact and systemic insecticide particularly active against aphids and caterpillars on vegetable crops, maize and sweetcorn.

**Metafort 60SL** rapidly penetrates the plant tissue and spreads in the sap stream rendering it toxic to sucking and chewing insects. Through its contact action a rapid kill is obtained.

**METHAMIDIPHOS RESIDUES CAN OCCUR AS A BREAKDOWN OF ACEPHATE USE ON TREATED CROPS. IT IS RECOMMENDED THAT USE OF ACEPHATE AND METHAMIDOPHOS PRODUCTS IN THE SAME SEASON ON THE SAME CROPS SHOULD BE AVOIDED TO ENSURE COMPLIANCE WITH MAXIMUM RESIDUE LIMITS.**

**DIRECTIONS FOR USE: IT IS AN OFFENCE TO USE THIS PRODUCT OFF-LABEL.**

CROP	PEST	RATE	REMARKS
Potatoes	Aphids  Tuber moth Tomato/Potato psyllid	800ml/ha  1.1 litres/ha in 250-500L of water per ha	Apply at first appearance in 500-1000 litres of water/hectare repeating every 14-21 days.  <b>Tuber moth:</b> To control Tuber moth foliage mining apply at the first appearance of mining activity. Control of tuber mining is also assisted by maintaining soil moisture at an adequate level by irrigation and by good soil coverage over the developing tuber. <b>Tomato/Potato psyllid:</b> Spray at the first sign of infestation. Ensure complete spray coverage and penetration into the crop. Poor coverage can result in poor efficacy. Observe 7 day intervals as part of a resistance management programme. Maximum of 4 applications in a season.
Kumara	Caterpillars, adult White-fringed weevil and adult black beetle	1.1L/ha in 250-500L of water/ha	Apply every 14-21 days beginning at the first appearance of activity. Maximum of 4 applications per season. Control of tuber mining is assisted by maintaining soil moisture at an adequate level by irrigation and by good soil coverage over developing tubers.
Cabbage Cauliflower Brussels sprouts Broccoli	Diamondback moth White butterfly Tomato fruitworm Looper caterpillar	1.1-1.5 litres/hectare	Begin at emergence or planting out and repeat at 7-10 day intervals. Maximum of 2 applications in a season.
Tomatoes (outdoor only)	Tomato fruitworm Looper caterpillar	1.1-1.5 litres/hectare	Begin at first appearance of pests and repeat at 7-10 day intervals. Use only after 7 January and if crop monitoring shows need. Maximum of 2 applications in a season.
Tamarillo	Tomato/Potato psyllid	160mls/100L in 500-900L/ha	Make a maximum of 2 applications 14 days apart. Adjust the water rate depending on the amount of foliage.
Maize	Army caterpillar Aphids	1 litre/hectare	Apply when crop monitoring shows treatment is required. Consult your supplier or adviser for details of the monitoring systems that are being developed. Thorough coverage and penetration into crop canopy is essential. Maximum of 2 applications in a season.
Sweetcorn	Aphids Corn ear worm Tomato fruit worm Green vegetable bug	1 litre/hectare in 100-200L water aerial application and in 250- 300L/ha for ground application	Apply when crop monitoring shows treatment is required. Consult your supplier or adviser for details of the monitoring systems that are being developed. Thorough coverage and penetration into crop canopy is essential. Maximum of 2 applications in a season, at 10 day intervals.
Onions	Thrips	1 litre/hectare in 200-500 litres of water	Make first application when monitoring of thrip levels indicates the threshold number has been reached. Repeat applications at 7 day intervals as a cluster of a maximum of 3 applications. Use a wetting agent. Ensure thorough spray coverage. Refer to resistance management.

**Resistance Management: Brassicas/Aphids and Onions/Thrips:** Metafort 60SL is a **GROUP 1 INSECTICIDE** from the organophosphate chemical group. Resistance to this pesticide and other **GROUP 1 INSECTICIDES** may develop from excessive use. To minimise this risk use strictly in accordance with label directions. Insecticides should only be applied in response to crop monitoring and pest numbers reaching action thresholds. Avoid using this and other organophosphate insecticides exclusively all season and avoid unnecessary spraying or other methods of application.




**UN3018. CLASS 6.1, PG II. ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC (METHAMIDOPHOS).**  
Do not carry this product on a passenger service vehicle.



# DANGER

AVAILABLE TO AUTHORISED PERSONS ONLY  
KEEP OUT OF REACH OF CHILDREN

## METAFORT 60SL<sup>®</sup> ORGANOPHOSPHATE INSECTICIDE

For the control of various pests in potatoes, kumara,  
brussels sprouts, broccoli, cabbages, cauliflowers,  
tomatoes (outdoor), tamarillo, sweetcorn, maize and onions

Active Ingredient: Contains 600g/litre methamidophos  
in the form of a soluble concentrate.

GROUP 1 INSECTICIDE


Registered pursuant to the ACVM Act 1997 No. P5629  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

In a transport emergency dial 111, Police or Fire Brigade.  
**For specialist advice in a First Aid emergency only call  
0800 734 607 (24 hours).**



Net Contents: 10 litres






**HSNO Classifications:** 3.1D, 6.1B (Oral, Dermal, Inhalation), 6.9A, 8.2C, 8.3A, 9.1A, 9.2B, 9.3A, 9.4A.  
**Approved under the HSNO Act 1996, HSR000226.** See [www.epa.govt.nz](http://www.epa.govt.nz) for controls.  
**Certified Handler: Required. Qualified Person/Contractor: Required.** A record must be kept of the use and disposal of this product. Tracking required.

**Combustible liquid. Fatal if swallowed. Fatal in contact with skin. Fatal if inhaled. Causes damage to organs through single, prolonged or repeated exposure. Causes severe skin burns and eye damage. Causes serious eye damage.**

**SAFETY DIRECTIONS:** Keep out of reach of children. Read label before use. Keep away from heat, sparks, open flames or hot surfaces. No smoking. Do not breathe fumes, mist, vapours or spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective clothing. Wear respiratory protection. Collect Spillage.  
**ECOTOXICITY:** VERY TOXIC TO AQUATIC ORGANISMS WITH LONG-LASTING EFFECTS. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over, or allow drift to drift over, an aquatic environment. Must not be applied onto or into water. DO NOT allow drift outside the target area to occur. Spray must not be applied in an area where bees are foraging. Toxic to the soil environment. Very toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates. **COMBUSTIBLE LIQUID:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**HANDLING PRECAUTIONS: EQUIPMENT:** Apply using calibrated and maintained equipment in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409). **STORAGE:** Store locked up in the original, unopened container in a cool, dry, well-ventilated place, out of direct sunlight and away from stockfeed or foodstuffs. Keep container tightly closed. As a Class 9 Substance with Ecotoxicity Classifications, storage must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed. See Safety Data Sheet for further information.  
**MAXIMUM APPLICATION RATE:** A maximum of 1.5 litres of Metafort 60SL can be applied per hectare, with a 2x crop cycle frequency – with the exception of potatoes and kumara (4x crop cycle frequency) and onions (3x crop cycle frequency). **SPRAY DRIFT:** The person applying the substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be recorded as part of the application records.  
**PERSONAL PROTECTIVE (PPE) AND RESPIRATORY PROTECTIVE EQUIPMENT (RPE):** Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear chemical resistant overalls, chemical resistant boots and gloves, chemical resistant footwear plus socks, chemical resistant head gear, eye protection and respirator (organic vapour and particulate matter). Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition. Do not use near air vents or ducts. Apply with well maintained and calibrated spray equipment.  
**THIS PRODUCT IS VERY TOXIC TO BEES. Do not apply this product to any plant or tree likely to be visited by bees:**  
a) At the time of application; or  
b) Immediately after application until spray has dried; or  
c) In areas where bees are foraging.

**NOTIFICATION:** Notification is only required for outdoor use, and when used in a wide dispersive manner. The person applying the substance in this situation must:  
- Give written notice to anyone likely to be directly affected (such as owners and occupiers of land, property, buildings or houses immediately next to the application area).  
- Ensure the notification is given at least 2 working days before, but no more than 4 weeks before, each application of the product.  
- Ensure the written notice includes:  
a) Where the product will be applied;  
b) The date and approximate duration of each application;  
c) The steps that notified parties should take to avoid exposure;  
d) The name of the organisation(s) applying the product;  
e) Contact details for the person in charge of the application (phone, email or postal address, including a contact number for immediate contact during application).  
**RESTRICTED ENTRY INTERVAL (REI): The REI is 48 hours.** The person in charge is responsible for making sure no person enters the application area before the end of the REI. A person may only enter the indoor treated area if PPE and RPE is worn as if they were applying the substance, and they are entering to carry out tasks associated with the ventilation of the building or building structure.  
**SPILLAGE:** Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.  
**DISPOSAL:** Triple rinse empty container and add rinseate to spray tank. Triple rinsed containers should be taken to an AgRecovery collection site. Otherwise crush and bury in a suitable landfill. Do not burn empty containers.



[www.agrecovery.co.nz](http://www.agrecovery.co.nz)

**SYMPTOMS OF POISONING:** These may include any of the following: excessive sweating, headache, weakness, faintness, giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.  
**FIRST AID:** If medical advice is needed, have product container or label at hand. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed: Call a POISON CENTER or doctor/physician.  
In case of fire: Use alcohol foam or dry chemical for extinction.  
**SPILLAGE:** In case of accidental spillage damp down with sawdust or other absorptive material then sweep up and bury in a safe landfill. Wear protective clothing. Use absorbent material to prevent the spread of the spillage. Block drains if possible. Sweep up contaminated material and place in drums for disposal in a manner acceptable to the appropriate authorities. For major spills, the Fire Service should be informed immediately, followed by local Health Protection Officers.

**IT IS AN OFFENCE TO USE THIS PRODUCT OFF-LABEL.**  
**IT IS AN OFFENCE FOR USERS OF THIS PRODUCT TO CAUSE RESIDUES EXCEEDING THE RELEVANT MRL IN THE FOOD NOTICE: MAXIMUM RESIDUE LEVELS FOR AGRICULTURAL COMPOUNDS.**  
**WITHHOLDING PERIODS:** Tomatoes (Outdoor): **21 days**; Sweetcorn: **5 days**; Kumara, Potatoes, Brussels Sprouts, Broccoli, Cabbages, Cauliflowers, Maize: **14 days**; Onions: **14 days**; Tamarillo: **42 days**.  
**COMPATIBILITY:** Metafort 60SL is compatible with most insecticides and fungicides, but should not be used in conjunction with strongly alkaline materials such as Bordeaux mixture or lime sulphur.  
**Batch number and manufacturing date:** See on packaging

**Notice to Buyer:** Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

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P.O. Box 535, 407 State Highway 16 Kumeu, Auckland, New Zealand. Ph: 09 412 9817. Fax: 09 412 9807. [www.adria.nz](http://www.adria.nz)

