

# METHAFOS 600

**A systemic organophosphorous insecticide for the control of aphids, caterpillars and other chewing and sucking insects**

GROUP

1

INSECTICIDE

*Contains 600g/litre methamidophos in the form of a soluble concentrate*



**AGRISOURCE**

PRODUCTS FOR AGRICULTURE

**COMBUSTIBLE  
LIQUID  
TOXIC  
WARNING  
ECOTOXIC**

Keep out of the reach of children

Net Contents

**10 Litres**

**FREE RECYCLING**



**AGRECOVERY**

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

## GENERAL INFORMATION

**Methafos 600** is a contact and systemic organophosphate insecticide that acts on the nervous system of insects by contact action and as a stomach poison when ingested. **Methafos 600** is active against a broad range of chewing and sucking insect pests.

## IMPORTANT - RESISTANCE MANAGEMENT

**Methafos 600** contains the 

GROUP	INSECTICIDE
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 methamidophos. Resistance to pesticides can develop from excessive use. To minimise this risk, avoid using this insecticide exclusively all season, avoid unnecessary spraying and endeavour to alternate with insecticides from other groups within the crop and in subsequent seasons for a sprayed paddock. Use strictly in accordance with label instructions. Maintain good cultural practices.

## COMPATIBILITY

**Methafos 600** is compatible with most commonly used insecticides and fungicides. It should not be mixed with highly alkaline materials such as Bordeaux mixture or lime sulphur.

## IT IS AN OFFENCE TO USE THIS PRODUCT OFF-LABEL

Methamidophos residues can occur as a breakdown of acephate use on treated crops. Avoid the use of both acephate and methamidophos products on the same crop in the same season to ensure compliance with "Maximum Residue Limits".

## MIXING

Partly fill the spray tank and start agitation. Add the required amount of **Methafos 600**. Complete filling the spray tank and maintain agitation until spraying is complete.

## RECOMMENDATIONS

The rates suggested are for boom spray application in sufficient water to obtain thorough coverage of all parts of treated plants. NOT to be applied to covered crops. NOT to be applied by motorised or hand operated knapsacks.

## MAXIMUM APPLICATION RATE

This product may be applied at a maximum rate of 1.5 Litres/ha (900g a.i.)

**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

Sweetcorn .....	5 days
Brussels Sprouts, Broccoli, Cabbages, Cauliflowers, Kumara, Maize, Onions & Potatoes.....	14 days
Tamarillos.....	42 days

## CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

Registered pursuant to the ACVM Act 1997 No. P591  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to HSN0 Act 1996 No. HSR0002;  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions



## APPLICATION RATES

CROP	PEST	RATE	REMARKS
Kumara	Adult White Fringed Weevil & Adult Black Beetle, Caterpillars.	Up to 1.1L/ha in 250-500L of water/ha	Apply every 14-21 days, beginning at the first appearance of activity. <b>Maximum of 4 applications</b> per season. Control of tuber mining is assisted by maintaining moisture at an adequate level by irrigation and good soil coverage over developing tubers.
Maize, Sweetcorn	Army Caterpillar, Green Vegetable Bug, Tomato Fruit Worm	1.0L/ha	Apply by aircraft when crop monitoring shows treatment is required. Consult the supplier or advisor for details of the monitoring systems. Use sufficient water to ensure thorough coverage and penetration into the crop canopy. <b>Maximum of 2 applications.</b>
Onions	Onion Thrips	1.0L/ha in 500-600L of water/ha The use of a wetting agent is recommended	Apply when monitoring shows numbers exceed recommended action threshold level. Apply applications at weekly intervals ( <b>3 maximum</b> ). Ensure thorough coverage. If further treatments are required, use an insecticide with a different active ingredient.
Potatoes	Aphids	800ml/ha	Apply at the first appearance of aphids and repeat at 14-21 day intervals. <b>Maximum of 4 applications.</b>
	Potato Tuber Moth, Tomato/Potato Psyllid	1.0L/ha	Apply at the first sign of infestation and repeat at 14 – 21 day intervals. <b>Maximum of 4 applications.</b> Good soil coverage of developing tubers and moist soil conditions assist in the control of tuber moth.
Tamarillos	Tomato/Potato Psyllid	160ml/100L water use 500-900L/ha – see remarks	Apply 14 days apart. Adjust water rate depending on the amount of foliage. <b>Maximum of 2 applications</b> per season.
Vegetable Brassicas Brussels Sprouts, Broccoli, Cabbages, Cauliflower	Diamond Back Moth, White Butterfly & Looper Caterpillar	1.0-1.5L/ha	Apply from emergence or planting out, repeat at 7-10 day intervals. <b>Maximum of 2 applications.</b>

## REGISTRANT

Agri Solutions Ltd,  
Level 1, 26 Crummer Road,  
Grey Lynn, Auckland 1021

BATCH NO:

DATE OF  
MANUFACTURE:

## DISTRIBUTOR

Agrisource (2000) Ltd,  
45 Kitchener Road, Pukekohe 2120  
09 237 0422 · [www.agrisource.co.nz](http://www.agrisource.co.nz)

# READ LABEL COMPLETELY BEFORE USE

**HSNO CLASSIFICATIONS: 3.1D, 6.1B, 6.9A, 8.2C, 8.3A, 9.1A, 9.1D 9.2B, 9.3A, 9.4A**

## APPROVED HANDLER

This product must only be applied by an approved handler, or under the direct supervision of an approved handler.

## TRACKING

Location and movement of this product must be recorded at each stage of its lifecycle.

## COMBUSTIBLE LIQUID

Keep away from sources of ignition.



### TOXIC

May be fatal if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation. May cause target organ damage from repeated oral exposure at high doses.

### CORROSIVE

This product is corrosive and may cause skin burns and eye damage.

### ECOTOXIC

Very Toxic to aquatic organisms with long lasting effects. Not to be applied onto or into water. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment. Very Toxic to terrestrial vertebrates. Very Toxic to terrestrial invertebrates.



### BEEES

This product is toxic to bees. A person must not apply this substance in an application area - if bees are foraging in the area and the substance is in a form which bees are likely to be exposed to it, or to any plant or tree that is likely to be visited by bees if the plant or tree is in open flower or part bloom, until such time as bees have left the area and have finished foraging for the day (i.e. after dusk).

## HANDLING PRECAUTIONS

**PPE:** When mixing, loading or applying this product, wear Full Personal Protective Equipment (PPE). Chemical resistant coveralls, chemical resistant gloves, chemical resistant footwear plus socks, chemical resistant eyewear and chemical resistant headgear for overhead exposures. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing after work.

**RPE:** Respiratory protection equipment appropriate to protect against respiratory exposure to this substance in mist or vapour forms.

**REI:** Restricted entry interval. The REI for this product is 48 hours. The person in charge of the application area shall ensure that no person who is authorised to be there enters the application area until the end of the REI. Entry to the application area before the end of the REI requires full PPE and RPE to be worn.

**Notification:** No person may apply, or engage another person to apply, this product unless that person has given written notice at least two working days before, but no more than four weeks before the proposed application to any person likely to be directly affected by the application, including occupiers and owners of land, dwellings or buildings or property that is immediately abutting the application area. Written notice must include where the product will be applied, date and approximate duration of application, the steps that notified parties should take to avoid exposure, the name of the organisation applying the product with full contact details for the person in charge of the of the application, and a contact number for immediate contact during the application.

**Spray Drift Mitigation:** The person applying this 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.

**Storage:** Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Storage should be in accordance with NZS8409 Management of Agrichemicals. This product is classified under HSN0 controls 9.1A, as such storage of certain quantities of this class may require bunding and signage. See the Safety Data Sheet for more information for further information. Keep out of reach of children. Store in accordance with NZ 8409 Management of Agrichemicals.

**Spillage:** Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

**Product Disposal:** Ensure unwanted product is used by another operator strictly in accordance with label directions.

**Container Disposal:** Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

## FIRST AID

If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 Poison (0800764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If concentrate is splashed in the eyes, flush with running water immediately.

## EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

# 24 HOUR EMERGENCY RESPONSE 0800 CHEMICAL (0800 243 622)