

BENTHION 200 FLOWABLE INSECTICIDE

GROUP	1B	INSECTICIDE
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<i>Active Ingredient:</i>	200g/L AZINPHOS METHYL (An ANTICHOLINESTERASE COMPOUND)
<i>Poison Schedule:</i>	DANGEROUS POISON S7
<i>Withholding Period:</i>	Pome fruits, stone fruits, blueberries, cherries, citrus, plums,grapes, kiwifruit - do not apply later than 14 days before harvest. Macadamias - do not apply later than 7 days before harvest. Litchis - do not apply later than 1 day before harvest.
<i>Dangerous Goods Class:</i>	6.1
<i>Registered for use In:</i>	N.S.W., VIC., S.A., QLD., TAS., W.A.
<i>Available In:</i>	10L (2 x 10L per carton)

General Instructions:

DO NOT HANDLE CROPS FOR 5 DAYS AFTER SPRAYING UNLESS WEARING PROTECTIVE CLOTHING.

Mixing: Shake container thoroughly, then add the required quantity of Benthion 200 to the required amount of water and stir. Rinse container with water and pour into spray tank. Keep agitators in motion.

Semi-concentrate spray equipment. Apply Benthion 200 at up to 5 times high volume rate.

For high volume sprays: add suitable wetting agent.

Resistance Note: the effectiveness of this product may be reduced or modified as a result of pests developing tolerance or resistance to the product. If unacceptable control occurs immediately contact your distributor. This product should not be used where the user suspects a tolerant or resistant strain is present.

Compatibility: Benthion 200 is compatible with most commonly used insecticides and fungicides. The residual life of Benthion 200 may be reduced if mixed with Bordeaux Mixture, sprays containing lime or is allowed to stand with lime sulphur. However, climatic conditions may affect the sensitivity of some plants to such mixtures, so care should be exercised.

Protection Of Livestock:

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

Protection Of Wildlife, Fish, Crustacea And Environment:

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

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 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.

Do not store at temperatures over 30°C or for longer than two years.

DIRECTIONS FOR USE

CROP	PEST	STATE	RATE/100L	CRITICAL COMMENTS
Apples Pears Quinces	Codling moth, Light Brown Apple Moth, Spring Beetle, Apple Leaf Hopper, Bryobia Mite, Pear and Cherry Slug, Woolly aphid	NSW, Vic, SA, WA, Tas, only	190-245mL	Apply as a full cover spray at intervals of 3 weeks(or 2-3 weeks in NSW) commencing with the emergence of the first codling moths in late October/early November or at intervals dictated by moth activity as indicated from Pheromone traps and lure pots. In NSW only: Use only the higher rate for control of codling moth.

CROP	PEST	STATE	RATE/100L	CRITICAL COMMENTS
Apples Pears Quinces	Codling Moth, Light Brown Apple Moth, Bryobia Mite.	Qld only.	245mL	Apply as a full cover spray at intervals of 2 to 3 weeks commencing with the emergence of the first codling moths in late October/early November.
	San Jose & Oystershell scale	NSW, Vic, SA, WA only	245 mL plus summer oil 1.2L/100L	Apply late November to early March. 1-3 applications may be necessary depending on severity of infestation.
	Root borer	VIC, WA only	245mL	Apply as a soil drench or overall spray.
	Curculio beetle, Fuller's rose weevil.	WA only	245-490mL	Apply lower rate as high volume spray to foliage, butt and soil when weevils are first seen in October/November. Apply a second spray 3-4 weeks later. Alternatively use higher rate as a butt and soil spray only.
Peaches Nectarines Apricots	Oriental Fruit Moth, Light Brown Apple Moth, Bryobia Mite, Pear and Cherry Slug	NSW, Vic, SA, WA, Qld Tas, only	245mL	Apply as a full cover spray at intervals of 3-4 weeks during the period of likely infestation or as recommended by Department of Agriculture. Regular sprays of Benthion 200 will help control <i>Carpophilus</i> beetle and fruit fly.
	San Jose Scale	NSW, Vic, SA, WA,only	245mL plus dormant oil 2L/100L	Apply at early budswell.
	Root borer	Vic, WA only	245mL	Apply as soil drench or overall spray.
	Curculio beetle, fuller's rose weevil	WA only	245-490mL	Apply lower rate as a high volume spray to foliage, butt and soil when weevils are first seen in October/November. Apply a second spray 3-4 weeks later. Alternatively, use higher rate as a butt and soil spray only
Blueberries	Light brown apple moth	Tas, WA only	245mL	Apply at 14 day intervals after flowering.

CROP	PEST	STATE	RATE/100L	CRITICAL COMMENTS
Cherries	Oriental fruit moth, Lightbrown apple moth, Bryobia mite	NSW, Vic, SA, WA only	245mL	Apply as a full cover spray at intervals of 3-4 weeks during the period of likely infestation or as recommended by Department of Agriculture. Regular sprays of Benthion 200 will help control <i>Carpophilus</i> beetle and fruit fly.
	Pear and cherry slug	NSW, Vic, Tas, SA, WA, Qld only		Apply as a full cover spray, when slugs appear in late November/December. Reinfestation may occur so a repeat spray may be necessary.
Citrus	Red scale, Soft brown scale, Black scale, White wax scale, Tortrix, Aphids	NSW, Vic, Tas, SA, WA, Qld only	245mL plus summer or white oil IL/100L	Apply as a full cover spray timed according to previous schedule eg December and February. Thorough application is necessary.
Plums	Bryobia Mite	Qld, WA only.	245mL	Apply a full cover spray in mid November.
	Light Brown Apple Moth.			Apply late October.
Grapes	Grapevine Scale	Qld, NSW, Tas, WA only	245mL plus dormant oil 1L/100L	Spot spraying of infested vines is usually enough.
	Grapevine Hawkmoth, Grapevine Moth		245mL	Apply as required.
	Light Brown Apple Moth.			Apply 3-4 weeks after flowering and later as required.
	Fig Longicorn, Elephant weevil	NSW, WA only		Apply insecticide thoroughly to trunk and arms ensuring that all bark areas are drenched. Add wetting agent to ensure thorough wetting of the bark. Apply to foliage to assist in the control of adults. Apply monthly between November to April.

CROP	PEST	STATE	RATE/100L	CRITICAL COMMENTS
Kiwifruit	Scale insects	NSW, WA only	245mL	Apply as a full cover spray during December to March or at scale crawler stage, then every 3-4 weeks during periods of scale activity.
	Light brown apple moth			Apply at first sign of pest. Repeat at 3-4 week intervals while activity continues.
Lichis Macadamias	Macadamia nut borer, Fruit spotting bug	Qld, NSW, WA only	190mL	Spray to thoroughly cover nuts or fruit when pest numbers indicate or at 2 to 3 weekly schedule during the period when pests are normally active. Use the shorter interval during wet weather or severe infestations.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. IN TASMANIA, THIS PRODUCT SHOULD NOT BE APPLIED BY AIRCRAFT WITHOUT THE SPECIFIC APPROVAL OF THE REGISTRAR OF PESTICIDES. THIS PRODUCT IS TOO HAZARDOUS TO BE RECOMMENDED FOR USE IN THE HOME GARDEN.

WITHHOLDING PERIOD :

POME FRUITS, STONE FRUITS, BLUEBERRIES, CHERRIES, CITRUS, PLUMS, GRAPES, KIWIFRUIT - DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

MACADAMIAS - DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

LITCHIS - DO NOT APPLY LATER THAN 1 DAY BEFORE HARVEST.

Safety Directions:

Very dangerous, particularly the concentrate. Product and spray are poisonous if absorbed by skin contact, inhaled or swallowed. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Obtain an emergency supply of atropine tablets 0.6 mg. Will irritate the eyes and skin. Avoid contact with eyes, skin and clothing. Do not inhale vapour or spray mist.

When opening the container, preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves and full face respirator with combined dust and gas cartridge or canister.

If clothing becomes contaminated with product or wet with spray remove clothing immediately. If product on skin, immediately wash area with soap and water.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash gloves, respirator (if rubber wash with detergent and warm water) and contaminated clothing.

First Aid:

If poisoning occurs contact a doctor or Poisons Information Centre. **If swallowed**, induce vomiting, preferably with Ipecac syrup and give one atropine tablet every 5 minutes, until dryness of the mouth occurs. **If poisoned by skin absorption or through lungs**, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

Additional information is listed in the Material Safety Data Sheet (MSDS 11).

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