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POISON

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

KILL-A-MITE

Active constituent: 18g/L ABAMECTIN
Solvent: 481g/L LIQUID HYDROCARBON
Co-Solvent: 100g/L N-METHYL-2-PYRROLIDONE

GROUP 6A INSECTICIDE

For the control of pest mites on pears, apples, tomatoes, citrus, hops, strawberries and ornamentals, and for the control of pest mites and native budworm on cotton. Refer to accompanying leaflet for complete directions for use and product constraints.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 250ml

Sevroc Pty Ltd

ABN 57 093 984 705 ACN 079 225 880
Cnr Stock Road & Yangebup Rd, Beelar WA 6164
Telephone 08 9434 5118

APVMA No: 59000/1/0606

Batch No.:
DOM:
Expiry Date:

GENERAL INSTRUCTIONS:

KILL-A-MITE is for control of pest mites on pears, apples, tomatoes, citrus, hops, strawberries and ornamentals, and for the control of pest mites and native budworm on cotton. Refer to accompanying leaflet for complete directions for use and product constraints.

INSECTICIDE RESISTANCE WARNING: GROUP 6A INSECTICIDE

For insecticide resistance management KILL-A-MITE is a Group 6A insecticide. Some naturally occurring insect biotypes resistant to KILL-A-MITE and other Group 6A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if KILL-A-MITE or Group 6A insecticides are used repeatedly. The effectiveness of KILL-A-MITE on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Sevroc Pty Ltd accepts no liability for any losses that may result from the failure of KILL-A-MITE to control resistant insects. KILL-A-MITE may be subject to specific resistant management strategies. For further information contact your local supplier, Sevroc Pty Ltd representative or local agricultural department agronomist.

STORAGE AND DISPOSAL: Store in the closed original container in a well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Tightly and 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 recycle 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 container below 500mm in a disposable 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: Poisons if absorbed by skin contact or swallowed. Will irritate the skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container, preparing spray and using prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and goggles. For sprayer applications, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves, goggles and half facemask respirator with dust cartridges or canister. If product in eyes, wash it out immediately with water. After each day's use, wash gloves, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, contaminated clothing and respirator (and if rubber, wash with detergent and warm water).

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes wash out immediately with water.

MATERIAL SAFETY DATA SHEET: For additional information, refer to MSDS available from Sevroc Pty Ltd.

CONDITIONS OF SALE: Sevroc Pty Ltd accepts no responsibility for the consistent quality of the product, however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not, other than those mandatorily imposed by statutes. The liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

Contract Storage Name	PESTICIDES LIQUID TOXIC N.O.S.
UN Number	2802
Class and Subsidiary Risk	6.1
Poisoning Code	II
Hazardous Code	ZXE
In an emergency DAL 000	Dial 000
Price Fire Brigade	

SAFETY DIRECTIONS:

Poisonous if absorbed by skin contact or swallowed. Will damage eyes. Will irritate the skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container, preparing spray and using prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and goggles. For space applications, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves, goggles and half facepiece respirator with dust cartridge or canister. If product in eyes, wash it out immediately with 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, goggles, contaminated clothing and respirator (and if rubber, wash with detergent and warm water).

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* not a Sevroc Pty Ltd trademark.

POISON

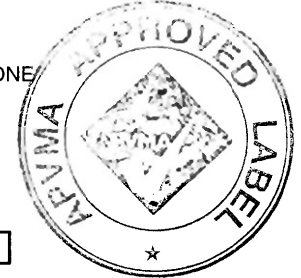
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GROUP 6A INSECTICIDE

COMPLETE DIRECTIONS FOR USE



Sevroc Pty Ltd

ABN 57 093 984 705 ACN 079 225 880
Cnr Stock Road & Yangebup Rd, Beeliar WA 6164 Ph 08 9434 5118

APVMA No.: 59000/0606

agricultural department agronomist.

CROP MONITORING:

Effective control depends upon regular monitoring of crops. Check crops regularly (every 3 - 5 days) during the season.

APPLICATION ON COTTON:

Air: Apply by air spray when there is a reliable cross wind to assist with good penetration into the crop canopy. Application should be carried out in the cooler parts of the day or night. Preferably use aircraft fitted with micronair atomisers.

Ground: use inter-row droppers fitted with nozzles spraying towards the cotton rows. Inter-row nozzles should be level with or just below the canopy and spraying at right angles to the ground.

MIXING:

Measure the required amount of **KILL-A-MITE**, add to the partly filled spray tank, and then add the remainder of the water. If oil is recommended, add this after the **KILL-A-MITE** is well mixed. Wetting agent is not required.

MIXING INSTRUCTIONS FOR APPLE AND PEAR APPLICATIONS:

To achieve 750mL KILL-A-MITE plus 5L Summer oil per ha, apply spray at the following mixing rates:

WATER	KILL-A-MITE (Amount required per 100 Litres)	Summer Oil
1,000L/ha (minimum)	75 mL	500 mL
1,500L/ha (minimum)	50 mL	335 mL
2,000L/ha (minimum)	37.5 mL	250 mL
2,500L/ha (minimum)	30 mL	200 mL

COMPATIBILITY:

KILL-A-MITE is compatible with most commonly used insecticides and fungicides. Do not apply with ULV formulations.

SITUATION	PEST	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Citrus	Brown citrus rust mite (Tegolophus australis), Citrus rust mite (Phyllocoptera oleivora), Broad mite (Polytagotarsonemus latus)	12mL - 25mL/100L plus 250mL/100mL summer oil	7 days (harvest)	Apply as pest pressure indicates, as a dilute spray in 3,000L to 6,000L of water per hectare. Use the higher rate under conditions of high pest pressure. Make no more than one application per season.
Hops	Two spotted mite (Tetranychus urticae)	1.0L/ha	4 weeks (harvest / grazing / cut for stockfood)	Apply as pest pressure indicates as a dilute spray in 1,000L to 2,000L of water per hectare, depending on crop size. Make no more than one application per season.
Tomatoes - Trellised Or Staked	Two spotted mite (Tetranychus urticae)	High volume spraying: 300mL - 450mL/ha KILL-A-MITE using concentrations of 60-90mL/100L	3 days (harvest) 3 days (livestock / grazing)	Wet foliage to near the point of run-off. Thorough coverage and penetration into bushes is essential. Preferably apply before the build-up of mite numbers. If mite numbers exceed 5-6 mites per compound leaf, use the higher rate. Re-apply as pest numbers indicate. Allow at least 28 days between applications with KILL-A-MITE and do not use more than two KILL-A-MITE sprays per crop. Refer to notes on resistance under General Instructions section of this label. Apply as for Two Spotted Mite. The lower rate will control tomato russet mite not apparent at spraying. Use the higher rate when tomato russet mite is present at spraying or is the main pest.
	Tomato russet mite (Aculops lycopersici)	High volume spraying: 600mL/ha using concentrations of 120mL/100L		Wet foliage to near the point of run-off. Thorough coverage and penetration into bushes is essential. Apply on the first sign of pests. Re-apply as pest numbers indicate, or every 7 - 10 days with a maximum of 5 applications per crop. If mites are also a problem do not use more than two KILL-A-MITE sprays per crop. Refer to notes on resistance under General Instructions section of this label. NB other IPM strategies to reduce leafminer populations should be employed.
Tomatoes - Field grown (not trellised)	Two spotted mite (Tetranychus urticae) Tomato russet mite (Aculops lycopersici)	300 - 450mL/ha	3 days (harvest) 3 days (livestock / grazing)	Apply in sufficient volume to obtain even coverage and penetration of plants. Use droppers to direct spray onto plants and away from inter-row. Preferably apply before the build-up of mite numbers. If mite numbers exceed 5 mites per compound leaf, use the higher rate. Re-apply as pest numbers indicate. Allow at least 28 days between applications with KILL-A-MITE and do not use more than two KILL-A-MITE sprays per crop. Refer to notes on resistance under General Instructions section of this label. Apply as for Two Spotted Mite. The lower rate will control tomato russet mite not apparent at spraying. Use the higher rate when tomato russet mite is present at spraying or is the main pest.

DIRECTIONS FOR USE:

RESTRAINTS:

DO NOT use if rainfall is expected before spray has dried as reduced efficiency may result.
DO NOT overhead irrigate within 24 hours after application.

SITUATION	PEST	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Cotton	Two spotted mite (Tetranychus urticae) Carmine mite (Tetranychus cinnabarinus)	300 mL/ha	20 days (harvest)	Do NOT make more than two applications to cotton per season, regardless of pest being controlled. Apply by ground spraying equipment or fixed wing aircraft in a minimum volume of 20 litres per hectare. Good coverage is essential. Monitor crops regularly and apply as soon as the threshold mite number for your area has been reached. Best results will be obtained when applied to low mite populations. Applications to high populations may not give satisfactory control. Under these conditions a second miticide application 7 - 10 days later may be needed. Do not use more than twice in one season for mite control. Refer to notes on resistance under general instructions section of this label.
	Native budworm (Helicoverpa punctigera)	300 mL/ha DR 600 mL/ha	20 days (livestock / grazing)	Use only when Lepton test kit results indicate no greater than 10% <i>Helicoverpa armigera</i> are present. Use the higher rate alone, or the lower rate with a suitable mixing partner. Applications should be targeted at brown eggs and newly emerged larvae (neonates). Mixed size larval populations should be avoided. Do not use more than twice in one season for native budworm control. Do NOT make more than two applications to cotton per season, regardless of pest being controlled.
Pears Apples	Two spotted mite (Tetranychus urticae) European red mite (Panonychus ulmi)	750mL/ha plus SL/ha summer oil see General instructions for mixing rates	14 days (harvest) 14 days (livestock / grazing)	Apply as dilute or concentrated sprays but in no less than 1,000L/ha. Good coverage is essential. Use a high quality summer spraying oil and follow label instructions. For best results apply soon after mite numbers have reached the threshold for your area. Generally KILL-A-MITE takes about 7 days to reach maximum mite control. KILL-A-MITE will control moderate to high mite populations but, in the absence of predatory mites (see Integrated Pest management below) re-treatment with another miticide may be necessary. If re-treatment is required, use an approved miticide from a different chemical group. Refer to notes on resistance and crop safety under General instructions section of this label. Integrated pest control: The effects of KILL-A-MITE on parasitic wasps and other beneficial insects in Australian orchards are not fully known. Studies have shown that after application of KILL-A-MITE, predatory mite populations may not increase for a number of weeks due to a lack of suitable pest mite prey. Predatory mite numbers will increase with any increase in pest mite numbers, allowing the continuation of biological mite control. DO NOT use in IPM programmes unless the pest mite threshold has been reached and predators are unlikely to achieve effective control.

SITUATION	PEST	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Tomatoes - Field grown (not trellised) cont.	Tobacco Leafminer (Poliotha moth) (Pithechaia operculella)	600mL/ha	3 days (harvest) 3 days (livestock / grazing)	Apply in sufficient volume to obtain even coverage and penetration of plants. Use droppers to direct spray onto plants and away from inter-row. Apply on the first sign of pests. Re-apply as pest numbers indicate, or every 7 - 10 days with a maximum of 5 applications to the crop. If mites are also a problem do not use more than two KILL-A-MITE sprays per crop. Refer to notes on resistance under General Instructions section of this label. NB other IPM strategies to reduce leafminer populations should be employed.
Strawberries	Two spotted mite (Tetranychus urticae)	100mL/100L if spray volume is less than 600L/ha, use a minimum of 600mL/ha KILL-A-MITE. Do not exceed 1200mL/ha KILL-A-MITE per application.	3 days (harvest) 3 days (livestock / grazing)	Spray to wet foliage to near the point of run-off. Thorough coverage and penetration into plants is essential. Preferably apply on first appearance of mites. When applied early, one application may be sufficient to give effective control. However, if mite numbers exceed 3 - 5 mites per leaflet, apply two applications spaced 7 - 10 days apart. Re-apply as pest numbers indicate to a maximum of two sprays with KILL-A-MITE per season. If re-treatment is required after two consecutive sprays with KILL-A-MITE, use an approved miticide from a different chemical group. Refer to notes on resistance under General Instructions section of this label. Integrated pest control: See comments in the Apple and Pear Section.
Ornamentals, including Roses, Chrysanthemums, Carnations and indoor foliage plants.	Two spotted mite (Tetranychus urticae)	50mL/100L to a maximum of 1.5L/ha KILL-A-MITE per application.	DO NOT cut or graze for stock food	Spray to wet foliage to near the point of run-off using at least 2,000L/ha (100L per 500 square meters). Thorough coverage and penetration into plants is essential. Preferably apply on first appearance of mites. When applied when pest numbers are low to moderate, one application will be sufficient to give effective control. However, if mites are numerous, apply two applications spaced 7 - 10 days apart. Re-apply as pest numbers indicate to a maximum of two sprays with KILL-A-MITE per season. Ferns and Shasta Daisies may be affected by KILL-A-MITE, so the product should not be used on them. For ornamentals not listed on the label, small test applications to assess for unexpected phytotoxicity should be made before spraying the whole crop. Do not use more than two times per season. Refer to notes on resistance under General Instructions section of this label.

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

CROP SAFETY:

KILL-A-MITE plus Summer Oil may very occasionally cause slight russetting on some pear varieties, particularly Anjou and other sensitive varieties when used alone or when other products are supplied sequentially. A very small amount of temporary apple fruit blemishing may be associated with low water volume applications. **KILL-A-MITE** plus Summer Oil may cause more severe fruit russetting on sensitive apple varieties such as Golden Delicious when used within 7 days before or after application of the fungicide DELAN SC*. The directions for Use and Precautions on summer oil labels should be followed carefully. Certain conditions may play a part in the occurrence of this damage. DO NOT make applications (1) when unusually hot conditions are present or expected within 24 hours after application, (2) under poor or slow drying conditions, or (3) with equipment that may leave droplets on fruit after application.

PRECAUTIONS:

Re-entry Period: Under field conditions the spray should be allowed to dry on the foliage before re-entry into the treated areas.

Do not allow entry into treated areas in glasshouses for 24 hours after treatment. When entry prior to this time is necessary, wear cotton overalls buttoned to the neck and wrist and elbow length PVC gloves.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

Do not apply when weather conditions favour drift from the target area. Dangerous to fish and other aquatic organisms. Do not contaminate streams, rivers or waterways with the chemical or used containers. Dangerous to bees. Do not spray any plant in flower while bees are foraging. Studies indicate that when abamectin comes into contact with soil it readily and tightly binds to the soil and becomes inactive over time.

STORAGE AND DISPOSAL:

Store in the closed original container in a well-ventilated area, as cool as possible. 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 container below 500mm in a disposable 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.

WITHHOLDING PERIODS:

COTTON: DO NOT harvest for 20 days after application. DO NOT graze cut for stock feed for 20 days after application.

APPLES, PEARS: DO NOT harvest for 14 days after application. DO NOT feed treated produce to livestock for 14 days after application.

CITRUS: DO NOT harvest for 7 days after application.

HOPS: DO NOT harvest, graze or cut for stockfood for 4 weeks after application.

STRAWBERRIES, TOMATOES: DO NOT harvest for 3 days after application.

DO NOT feed treated produce to livestock for 3 days after application.

ORNAMENTALS: DO NOT cut or graze for stock food.

GENERAL INSTRUCTIONS:

KILL-A-MITE is for control of pest mites on pears, apples, tomatoes, citrus, hops, strawberries and ornamentals, and for the control of pest mites and native budworm on cotton. After application, **KILL-A-MITE** quickly moves onto leaves where it remains for several weeks and where it is taken up by sucking mites. **KILL-A-MITE** is not systematic, making good coverage essential. Abamectin that is not absorbed into plants is quickly degraded.

GROUP 6A INSECTICIDE

INSECTICIDE RESISTANCE WARNING:

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Apples, Pears, Citrus, Hops: one spray per season
 Tomatoes: two sprays per crop if mites are present, or five sprays per crop if mites are not present

Cotton, Strawberries, Ornamentals: two sprays per season

Alternate **KILL-A-MITE** with approved miticides from other chemical groups.

For further information contact your local supplier, Sevroc Pty Ltd representative or local