READ SAFETY DIRECTIONS BEFORE OPENING OR USING



CONTACT INSECTICIDE, MITICIDE AND FUNGICIDE

ACTIVE CONSTITUENT 60 g/L ORANGE OIL

For the control of certain insects, mites and diseases in cucurbits, fruiting vegetables, berries legume vegetables, bulb vegetables, brassica, herbs, apples, citrus, pawpaw, lychee and winegrapes as specified in the Directions for Use table.

For the suppression of thrips (various), green peach aphids, woolly aphids, leaf miners (various) and mealybug in fruiting vegetable, cucurbit, legume vegetable, berries, bulb vegetable, brassica, celery, herbs, apple, lychee, citrus, pawpaw, winegrapes as specified in the directions for use table.

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NET CONTENTS 10 L





Сгор	Target Pest	Rate per 100 L of water	Critical comments
Fruiting Vegetable (Including but not limited to tomatoes, capsicum, eggplant)	Whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Tomato thrips (Frankliniella schultzei) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii) Serpentine leafminer (Liriomyza huidobrensis)	400-600 mL (0.4-0.6 % v/v) Capsicums: 300-400mL (0.3- 0.4 %v/v)	 Application should start within three weeks after transplanting or once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREVAM at 5-14 spray intervals at early infestation to obtain a better result. Use a shorter interval for severe pest infestation. For best whitefly control, apply PREVAM when they are at first and second instar. Thorough wetting of both sides of the leaves must be ensured at all times. For capsicum, use with a soft chemistry when using PREV-AM at 300 mL/100 L rate to obtain a better result. PREV-AM only provide control on serpentine leafminer [SLM] adult. Monitor SLM movement and apply PREV-AM at first flight. Use PREV-AM in conjunction with other approved crop protection products to control the whole life cycle.
	Powdery mildew (Oidium neolycopersici, Leveillula Taurica) Grey mould (Botrytis cinerea) Suppression only	400-600 mL (0.4-0.6 % v/v) Capsicums: 300-400mL (0.3- 0.4 %v/v)	Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Use a shorter interval for severe pest infestation.
Cucurbit (Including but not limited to cucumbers, pumpkins, melons)	Silverleaf whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii) Serpentine leafminer (Liriomyza huidobrensis)	400-600 mL (0.4-0.6 % v/v)	 Application should start within three weeks after transplanting once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals at early infestation of whitefly and mite. Use a shorter interval for severe pest infestation. For best whitefly control, apply PREVAM when they are at first and second instar. Thorough wetting of both sides of the leaves must be ensured at all times. PREV-AM only provide control on serpentine leafminer [SLM] adult. Monitor SLM movement and apply PREV-AM at first flight. Use PREV-AM in conjunction with other approved crop protection products to control the whole life cycle.

Сгор	Target Pest	Rate per 100 L of water	Critical comments
Cucurbit (Including but not limited to cucumbers, pumpkins, melons)	Powdery mildew (Podosphaera xanthii) Grey mould (Botrytis cinerea) Suppression only	400-600 mL (0.4-0.6 % v/v)	 Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves just prior to point of run-off, at 7-day intervals.
Legume vegetable (Including but not limited to green bean, sugar snap peas, snow peas)	Silverleaf whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii) Serpentine leafminer (Liriomyza huidobrensis)	400-600 mL (0.4-0.6 % v/v)	 Application should start within three weeks after transplanting once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals at early infestation of whitefly and mite. Use a shorter interval for severe pest infestation. For best whitefly control, apply PREVAM when they are at first and second instar. Thorough wetting of both sides of the leaves must be ensured at all times. PREV-AM only provide control on serpentine leafminer [SLM] adult. Monitor SLM movement and apply PREV-AM at first flight. Use PREV-AM in conjunction with other approved crop protection products to control the whole life cycle.
Berries Including but not limited to raspberries, strawberries, blueberries)	Silverleaf whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii) Serpentine leafminer (Liriomyza huidobrensis)	400-600 mL (0.4-0.6 % v/v)	 Application should start within three weeks after transplanting once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals at early infestation of whitefly and mite. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.

Сгор	Target Pest	Rate per 100 L of water	Critical comments
Berries Including but not limited to raspberries, strawberries, blueberries)	Powdery mildew (Podosphaera aphanis) Grey mould (Botrytis cinerea) Suppression only	400-600 mL (0.4-0.6 % v/v)	Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
Bulb vegetables (Including but not limited to onions, spring onions, leek, garlic)	Suppression: Onion thrips (Thrips tabaci)	400-600 mL (0.4-0.6 % v/v)	Application should start immediately when thrips appear and continue as a weekly spray programme for as long as needed. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
	Downy mildew (Peronospora destructor) Suppression only	400-600 mL (0.4-0.6 % v/v)	Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
Brassica (Broccoli, cabbage, only)	Silverleaf whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii)	400-600 mL (0.4-0.6 % v/v)	 Application should start within three weeks after transplanting or once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals for optimal control. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
	Serpentine leafminer (Liriomyza huidobrensis)		

Crop	Target Pest	Rate per 100 L of water	Critical comments
Celery	Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae) & Cabbage aphid (Brevicoryne brassicae) Serpentine leafminer (Liriomyza brassicae)	400-600 mL (0.4-0.6 % v/v)	Application should start within three weeks after transplanting or once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals for optimal control. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals. PREV-AM only provide control on serpentine leafminer [SLM] adult. Monitor SLM movement and apply PREV-AM at first flight. Use PREV-AM in conjunction with other approved crop protection products to control the whole life cycle.
Herbs (Including but not limited to basil, mint, parsley)	Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Green peach aphid (Myzus persicae)	400-600 mL (0.4-0.6 % v/v)	Application should start within three weeks after transplanting or once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals for optimal control. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
Apple	Two spotted mite (Tetranychus urticae) Scale (Coccoidea spp.) Mealybug (Pseudococcidae spp.) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Woolly apple aphid (Eriosoma lanigerum)	400-600 mL (0.4-0.6 % v/v)	Application should start immediately when insect pest appeared and continue as a weekly spray programme for as long as needed. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals. Scale and mealybug control should start before budding. For best result, apply when scale is at first or second instar.
	Powdery mildew (Podosphaera leucotricha)	400-600 mL (0.4-0.6 % v/v)	Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.

Сгор	Target Pest	Rate per 100 L of water	Critical comments
Lychee	Erinose mite (Aceria litchi) Scale (Coccoidea spp.) Mealybug (Pseudococcidae spp.)	400-600 mL (0.4-0.6 % v/v)	 Application should start immediately when insect pest appeared and continue as a weekly spray programme for as long as needed. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals. Scale and mealybug control should start at first sight. For best result, apply when scale is at first or second instar
Citrus (Including but not limited to oranges, mandarins, lemons, limes)	Whitefly (Dialeurodes citri) Two spotted mite (Tetranychus urticae) Rust mites (Phyllocoptruta oleivora) Oriental spider mite (Eutetranychus orientalis) Scale (Coccoidea spp.) Mealybug (Pseudococcidae spp.) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis)	400-600 mL (0.4-0.6 % v/v)	 Application should start immediately when insect pest appeared and continue as a weekly spray programme for as long as needed. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals. Scale and mealybug control should start before budding. For best result, apply when scale is at first or second instar. DO NOT apply in spray volumes greater than 1,500 L/ha
Paw paw	Two spotted mite (Tetranychus urticae) Suppression: Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii)	400-600 mL (0.4-0.6 % v/v)	Application should start immediately when insect pest appeared and continue as a weekly spray programme for as long as needed. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals.
Winegrapes	Budmite (Colomerus vitis) Suppression: Mealybug (Pseudococcidae spp.) Scale (Coccidea spp.)	300-400mL (0.3-0.4% v/v)	 Application should start once pests appear and continue as a weekly spray programme for as long as needed. At least two consecutive applications of PREV-AM at 5-14 spray intervals for optimal control. Use a shorter interval for severe pest infestation. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals. Scale and mealybug control should start before budding. For best result, apply when scale is at first or second instar.

Сгор	Target Pest	Rate per 100 L of water	Critical comments
Winegrapes	Powdery mildew (Erysiphe necator) Grey mould (Botrytis cinerea) Suppression only	300-400mL (0.3-0.4% v/v)	Start application under conditions which are favourable for disease development. Use the low rate during conditions of low to moderate infection pressure and the high rate in more severe infection conditions or when symptoms are present. Application for insect control at earlier crop stage will suppress disease inoculum build up at later stage. Crop monitoring is essential to ensure correct application timing. If disease pressure continues to build, consider mixing or using an alternative fungicide to ensure thorough disease control. Ensure even and thorough coverage throughout the plant canopy, including bottom of leaves, just prior to point of run-off, at 7-day intervals

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

GENERAL INSTRUCTIONS

PREV-AM® is a contact insecticide, miticide, fungicide with no residual activity. For best results, PREV-AM should be used as a direct contact application at first sight of pests and early disease prevention. PREV-AM can be combined or alternated with residual pesticides with alternative modes of action in a resistance management program.

INTEGRATED PEST/DISEASE MANAGEMENT

PREV-AM has only contact and no residual effect, it can ideally be used in an integrated pest or disease management program to inhibit the development of resistance to residual pesticides. Since the product does not provide any residues it can be used up to or during the harvest period, while adhering to re-entry intervals. For IPM practices, benecial insect or predators can be released 4 hours after application.

RESISTANCE MANAGEMENT

PREV-AM is also compatible with other insecticides and fungicides and may increase the efficacy of them. PREV-AM is ideal for resistance management when used in combination with other standards as it provides an additional mode of action.

MIXING INSTRUCTIONS

Ensure that the spray tank and hoses are properly cleaned inside before applying PREV-AM, as the product may loosen residues and adsorbed materials of previous products which could contaminate the spray mixture. Half fill tank with water. Agitate tank and add the required amount of pesticide while agitating. Add remainder of the water. Add the recommended amount of PREV-AM last and continue agitation until completion of spraying. Do not add any additional surfactant or adjuvant. Do not leave spray mixture overnight.

APPLICATION

PREV-AM only acts as a contact insecticide, miticide, fungicide. It is therefore essential that the spray solution make direct contact with the insect (in any stage of its development cycle). FOR THE APPLICATION OF SPRAYS, THE EVEN DISTRIBUTION OF THE DROPLETS IS OF THE UTMOST IMPORTANCE. Care must be taken to ensure that both surfaces of the leaves are thoroughly wet, up to just before the point of run-off. DO NOT SPRAY UNTIL DRIPPING WET, AS THIS MIGHT CAUSE THE COLLECTION OF TOO MUCH PRODUCT IN PLACES. To ensure even and thorough coverage use the appropriate water volume to crop size. The use of conventional tractor boom-sprayers usually does not achieve adequate wetting of the bottoms of the leaves. The use of an air assisted mist-blower, tractor sprayer or any other sprayer with which the spray mist could be blown into the crop or leaves (where an oscillating mechanism will be an added advantage), is recommended.

ADDITIONAL STATEMENTS IN ACCORDANCE WITH GHS

Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting equipment and only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapours. Wash thoroughly after handling. Use only outdoors or in a ventilated area. Wear protective gloves/ eye protection/ face protection.

IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur. Call POISON CENTRE of doctor/ physician if you are unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash before reuse. In case of re: Use water foo, foam, dry chemical powder, carbon dioxide (CO₂) for extinction.

Additional information is listed in the SDS available from your supplier.

COMPATIBILITY

Experience has shown that PREV-AM is compatible with most crop protection products and foliar fertilizers. However do not mix PREV-AM with other products unless prior tests (including small scale phytotoxicity tests). A phytotoxicity test must also be done if visible residues of previously applied crop protection chemicals or foliar fertilizers are present on fruit, as these may be loosened by the PREV-AM application and washed down to collect in a droplet, thus increasing the risk of phytotoxic blemishes on the fruit. If in doubt, consult the technical representative of the distributor.

PRECAUTION

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DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each days use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple 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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

[drumMUSTER containers] This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

SAFETY DIRECTIONS

Will irritate the eyes, may irritate skin. Avoid contact with the eyes and skin. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). In addition, if applying by hand held equipment or open cab tractor wear elbow length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126; New Zealand 0800 764 766. If in eyes wash out immediately with water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

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. ORO AGRI International Ltd and/or its affiliates 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.

APVMA Approval No: 89248/143971

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CONTACT INSECTICIDE, MITICIDE AND FUNGICIDE

ACTIVE CONSTITUENT 60 g/L ORANGE OIL

For the control of certain insects, mites and diseases in cucurbits, fruiting vegetables, berries legume vegetables, bulb vegetables, brassica, herbs, apples, citrus, pawpaw, lychee and winegrapes as specified in the Directions for Use table.

For the suppression of thrips (various), green peach aphids, woolly aphids, leaf miners (various) and mealybug in fruiting vegetable, cucurbit, legume vegetable, berries, bulb vegetable, brassica, celery, herbs, apple, lychee, citrus, pawpaw, winegrapes as specified in the directions for use table.

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