

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

Movento[®] 240 SC

INSECTICIDE

Active Constituent: 240 g/L SPIROTETRAMAT

GROUP 23 INSECTICIDE

For the control of various insect pests in cotton and certain fruit and vegetable crops as specified in the DIRECTIONS FOR USE table



GENERAL INSTRUCTIONS

Insecticide Resistance Warning

For insecticide resistance management Movento 240 SC Insecticide is a Group 23 insecticide.

Some naturally occurring insect biotypes resistant to Movento 240 SC and other Group 23 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Movento 240 SC or other Group 23 insecticides are used repeatedly. The effectiveness of Movento 240 SC on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Movento 240 SC to control resistant insects.

Movento 240 SC may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

Export of treated produce

Growers should note that suitable MRLs or import tolerances do not exist in all markets for produce treated with Movento 240 SC. In some situations export requirements may be met by limiting application number and/or imposing a longer withholding period than specified above. If you are growing produce for export, please check with Bayer CropScience Pty Ltd. or your industry body for the latest information on any potential trade issues and their management before using Movento 240 SC.

Grapes for wine intended for export: Suitable MRLs or import tolerances are established in most, but not all wine export destinations to allow use up until the stated withholding period for grapes. For the latest information consult with Bayer CropScience, your winery or the Australian Wine Research Institute (AWRI) before using Movento in grapes which may be used to make wine for export.

Adjuvant

Vegetables and herbs (except bulb vegetables and onions, bulb):

For both dilute and concentrate (where applicable) spraying methods, apply Movento 240 SC with Hasten[®] Spray Adjuvant* according to the manufacturer's label recommendation, i.e. generally apply Hasten at 0.5 to 1.0 L/ha. This can be achieved by adding Hasten at 200 mL/100 L of spray mixture, up to a maximum of 1.0 L/ha where application volumes exceed 500 L/ha.

Citrus, grapes, passionfruit, pome fruit, stone fruit:

Apply Movento 240 SC with Hasten Spray Adjuvant* at 50 mL/100 L of spray mixture

Mangoes:

For both dilute and concentrate (where applicable) spraying methods, apply Movento 240 SC with Hasten Spray Adjuvant* at 50 mL/100 L of spray mixture **only when addition of adjuvant is specified in the rate column of the Directions for Use table**, and for application when fruit is present on trees, only after referring to **Warning: Safety to Fruit**, in Critical Comments of the Directions for Use table, for advice on when adjuvant should NOT be used with Movento.

Bulb vegetables and onions, bulb:

Apply Movento 240 SC with Hasten Spray Adjuvant* at 0.5 to 1.0 L/100 L of spray mixture.

Cotton:

Apply Movento 240 SC with Hasten Spray Adjuvant* at 1.0 L/ha

(*or other specified adjuvant – refer to Bayer CropScience for information).

Mixing

Shake the container well before using. Partially fill the spray tank with clean water and add the required volume of product to the water whilst agitating. Top up the tank with clean water to the required volume. Add the required amount of adjuvant. Movento 240 SC should be applied as soon after mixing as possible.

Ground Application***Vegetable and herb crops***

Thorough coverage of the target area is essential. Apply in sufficient water, and using suitable application parameters (nozzles, pressure, boom height, speed, etc) to ensure thorough and even coverage. Use only MEDIUM spray droplets according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

Application using rate per hectare in vegetables and herbs

Thorough coverage of the target area is essential. Adjust water volumes according to the crop growth stage. **Sweet corn:** Where a standard "over the top" boom spray is used, the use of droppers will help improve spray coverage to the target area i.e. silks and cobs.

Application using rate per 100 L (Dilute Spraying) in vegetables (brassica vegetables, cucurbits, eggplant, peppers, tomatoes)

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100 L of water. Spray to the point of run-off, to a maximum of 1000 L/ha for vegetable crops.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Application using concentrate spraying in vegetables (eggplant, peppers, tomatoes)

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed (e.g. air assisted sprayer).
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (See *Dilute Spraying* above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

 1. Dilute spray volume as determined above: For example 1500 L/ha
 2. Your chosen concentrate spray volume: For example 500 L/ha
 3. The concentration factor in this example is: 3X (i.e. $1500 \text{ L} \div 500 \text{ L} = 3$)
 4. If the dilute label rate is 40 mL/100 L, then the concentrate rate becomes $3 \times 40 \text{ mL}/100 \text{ L}$, that is 120 mL/100 L of concentrate spray.
- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.
- Do not use at a concentration factor greater than 3X (e.g. at a rate higher than 120 mL/100 L where a dilute spraying rate of 40 mL/100 L is specified).
- Note that the concentrate mixing rate is applicable only to Movento. The adjuvant rate remains unchanged (i.e. no concentrate factor applies). Refer to the **Adjuvant** section.

For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Special Instructions for Tree and Vine Crops (citrus, mangoes, pome fruit, stone fruit, grapes and passionfruit)**Dilute Spraying**

- Use a sprayer designed to apply high spray volumes, up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required spray volume may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or expert advice.
- Add the amount of product specified in the Direction for Use table for each 100 L of water. Spray to the point of run-off, to a maximum of 1,000 L/ha for passionfruit and 10,000 L/ha for citrus crops.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying (grapes, mangoes: post-harvest only, pome fruit, stone fruit)

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies spray volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen spray volume.
- Determine an appropriate dilute spray volume (See *Dilute Spraying* above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1500 L/ha
 2. Your chosen concentrate spray volume: For example 750 L/ha
 3. The concentration factor in this example is 2 X (i.e. $1500 \text{ L} \div 750 \text{ L} = 2$)
 4. If the dilute label rate is 30 mL/100 L, then the concentrate rate becomes 2×30 , that is, 60 mL/100 L of concentrate spray.
- The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows.
 - Do not use at a concentration factor greater than 2X (e.g. at a rate higher than 80 mL/100 L where a dilute spraying rate of 40 mL/100 L is specified).
 - Note that the concentrate mixing rate is applicable only to Movento. The adjuvant rate remains unchanged (i.e. no concentrate factor applies). Refer to the **Adjuvant** section.
 - For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry best practice.

Cotton

Apply as a blanket spray or banded spray ensuring thorough coverage of the foliage. Apply in a minimum of 80 L/ha. Use only MEDIUM spray droplets according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

Aerial application (beans, cotton, cucurbits, peas, potatoes, sweet corn, tomatoes only)

Movento must only be applied by aircraft (fixed-wing or helicopter) fitted with accurately calibrated equipment. Apply a minimum total spray volume of 30 L/ha (preferably 50 L/ha for sweet corn) with nozzles (eg. Micronaire rotary atomisers, CP nozzles or conventional hydraulic nozzles) set to MEDIUM spray quality according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline. A spray drift minimisation strategy should be employed at all times when applying this product. Do not apply Movento using Ultra Low Volume (ULV) methods.

Sweet corn: It is advisable that spray applications commence no later than early tasselling to ensure there is adequate early control of corn aphid infestations prior to silking. Further enhancement of aircraft application can be achieved through modification of spray patterns (e.g. reduced swath width), increased water volume (e.g. from 30 L/ha to 50 L/ha), and the use of Global Positioning Systems (GPS) as an aid during spray applications.

Compatibility

Do not mix Movento with Amistar® or Du-Wett®.

Do not mix Movento with any other product, except the specified adjuvant when recommended, when applying to fruiting mango crops

Movento may be mixed with Agridex Non-Ionic surfactant at the same rates that are specified for Hasten Spray Adjuvant. For further information on the compatibility of Movento 240 SC with other products, contact your local Bayer CropScience representative.

IPM compatibility

Movento may have an adverse effect on predatory mites where IPM is practiced.

PRECAUTION**Re-entry or re-handling**

Do not allow entry into 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 day's use.

Citrus – where spray application volumes exceed 7,500 L/ha

DO NOT perform medium or high exposure activities such as hand thinning or pruning in citrus for 3 days after application, 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.

Low exposure activities such as scouting, weed control and irrigation can be performed once spray has dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Application of Movento 240 SC to crops/plants other than those specified on this label may cause symptoms of phytotoxicity.

Caution: Phytotoxic symptoms have occasionally been observed when Movento is applied to crops in protected cropping environments. This may be exacerbated when applied in tank mixtures.

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby crops/plants, cropping lands or pastures.

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. Dispose of container at an approved waste management facility. If an approved 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. Empty containers and product must not be burnt. Do not re-use empty container for any other purpose.

SAFETY DIRECTIONS

May irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container, preparing spray, and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves. If product on skin immediately wash area with soap and water. If product in eyes wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 131126).

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from www.bayercropscience.com.au.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty. Ltd. accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111

DIRECTIONS FOR USE

RESTRAINTS

DO NOT graze treated brassica or chicory crops

SPRAY DRIFT RESTRAINTS

Except when applying with orchard airblast/vineyard equipment, **DO NOT** apply with spray droplets smaller than a **MEDIUM** spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are: **1.**date with start and finish times of application; **2.**location address and paddock/s sprayed; **3.**full name of this product; **4.**amount of product used per hectare and number of hectares applied to; **5.**crop/situation and weed/pest; **6.**wind speed and direction during application; **7.**air temperature and relative humidity during application; **8.**nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; **9.**name and address of person applying this product. (Additional record details may be required by the State or Territory where this product is used.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are livestock, pasture or any land that is producing feed for livestock downwind from the application area and within **the mandatory no-spray zone** shown in Table 1 below.

Table 1: No-Spray Zones for Protection of International Trade		
FOR AERIAL APPLICATION		
Wind speed range at time of application	Downwind Mandatory No-Spray Zone	
	Fixed-Wing	Helicopter
3 to 8 kilometres per hour	200 metres	120 metres
9 to 20 kilometres per hour	250 metres	180 metres
FOR GROUND APPLICATION: BOOM APPLICATIONS		
Wind speed range at time of application	Downwind Mandatory No-Spray Zone	
3 to 20 kilometres per hour	10 metres	
FOR GROUND APPLICATION: AIRBLAST APPLICATIONS		
Wind speed range at time of application	Downwind Mandatory No-Spray Zone	
3 to 20 kilometres per hour	80 metres	

For **citrus, pome fruit and stone fruit** applications **DO NOT** apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat within **20 metres** downwind from the application area.

VEGETABLE CROPS

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Beans, peas (green) including snow peas and sugar snap peas	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H, G 7 days For snow peas and sugar snap peas only H, G 3 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired or when crops are advanced. Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than a total of 2 applications per crop. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	300 – 400 mL/ha + adjuvant*		
Beans (green)	Western flower thrips (<i>Frankliniella occidentalis</i>), tomato thrips (<i>Frankliniella schultzei</i>)	300 – 400 mL/ha + adjuvant*	H, G 7 days	Commence applications at the flower budding growth stage. Use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired. Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than a total of 2 applications per crop. Movento 240 SC is not highly effective against the adult stage of thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
Brassica vegetables (broccoli, broccolini, Brussels sprouts, cabbage, cauliflower, kohlrabi)	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant* OR Dilute spraying 20 mL/100 L + adjuvant*	H 3 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired or when crops are dense or large (e.g. from the commencement of head formation). Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Ensure thorough spray coverage of the target crop. For dilute spraying apply to the point of run-off, using application volumes of up to 1000 L/ha – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Grey cabbage aphid (<i>Brevicoryne brassicae</i>)	200 – 300 mL/ha + adjuvant* OR Dilute spraying 20 – 30 mL/100 L + adjuvant*		
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	300 – 400 mL/ha + adjuvant* OR Dilute spraying 30 – 40 mL/100 L + adjuvant*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Brassica leafy vegetables including bok choy, Chinese broccoli (gai lum/gai lan/kai lan), Chinese cabbage (pet sai/wombok/haksukai), choy sum, gai choy/am soy/kai choy, kale, mibuna, mustard (leafy) including Indian mustard and mustard spinach (komatsuma), pak choy, tat soy (field and protected cropping systems)	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 3 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired or when crops are dense or large. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 2 applications per crop. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Grey cabbage aphid (<i>Brevicoryne brassicae</i>)	200 – 300 mL/ha + adjuvant*		
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	300 – 400 mL/ha + adjuvant*		
Celery and rhubarb	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 3 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 2 applications per crop. Movento 240 SC is not highly effective against the adult stage of thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Cotton aphid (<i>Aphis gossypii</i>)	200 – 300 mL/ha + adjuvant*		
	Western flower thrips (<i>Frankliniella occidentalis</i>), tomato thrips (<i>Frankliniella schultzei</i>), plague thrips (<i>Thrips imaginis</i>)	300 – 400 mL/ha + adjuvant*		
Cucurbits (field and protected cropping systems)	Cotton aphid (<i>Aphis gossypii</i>)	200 – 300 mL/ha + adjuvant* OR Dilute spraying 20 – 30 mL/ 100 L + adjuvant*	H 1 day	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired or when crops are dense or large. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Dilute spraying is recommended for trellised crops (e.g. glasshouse crops). Ensure thorough spray coverage of the target crop. For dilute spraying apply to the point of run-off, using application volumes of up to 1000 L/ha – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant* OR Dilute spraying 20 mL/100 L + adjuvant*		
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	300 – 400 mL/ha + adjuvant* OR Dilute spraying 30 – 40 mL/ 100 L + adjuvant*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Eggplant, peppers (capsicum and chilli), tomatoes (field and protected cropping systems)	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant* OR Dilute spraying 20 mL/100 L + adjuvant* OR Concentrate spraying - Refer "Application" section in GENERAL INSTRUCTIONS	H 1 day	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired or when crops are dense or large. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Movento 240 SC is not highly effective against the adult stage of western flower thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. Dilute or concentrate spraying is recommended for trellised crops (e.g. glasshouse crops). Ensure thorough spray coverage of the target crop. For dilute spraying apply to the point of run-off, using application volumes of up to 1000 L/ha – refer "Application" section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer "Adjuvant" section in GENERAL INSTRUCTIONS.
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B), western flower thrips (<i>Frankliniella occidentalis</i>)	300 – 400 mL/ha + adjuvant* OR Dilute spraying 30 – 40 mL/100 L + adjuvant* OR Concentrate spraying - Refer "Application" section in GENERAL INSTRUCTIONS		
Herbs (field and protected cropping systems)	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 3 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident or when longer residual control is desired. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Movento 240 SC is not highly effective against the adult stage of thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. Ensure thorough coverage of the target crop – refer "Application" section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer "Adjuvant" section in GENERAL INSTRUCTIONS.
	Cotton aphid (<i>Aphis gossypii</i>)	200 – 300 mL/ha + adjuvant*		
	Western flower thrips (<i>Frankliniella occidentalis</i>), tomato thrips (<i>Frankliniella schultzei</i>), plague thrips (<i>Thrips imaginis</i>)	300 – 400 mL/ha + adjuvant*		
Leafy vegetables (except lettuce) including chard, cress, rocket, silverbeet, spinach (field and protected cropping systems)	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 3 days	Monitor crops and commence applications once local thresholds are reached. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Ensure thorough coverage of the target crop – refer "Application" section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer "Adjuvant" section in GENERAL INSTRUCTIONS.

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Lettuce (head lettuce and leafy lettuce) (field and protected cropping systems)	Brown sowthistle aphid (<i>Uroleucon sonchi</i>), currant lettuce aphid (<i>Nasonovia ribisnigri</i>), green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 1 day	Monitor crops and commence applications once local thresholds are reached. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Movento 240 SC is not highly effective against the adult stage of thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Western flower thrips (<i>Frankliniella occidentalis</i>)	300 – 400 mL/ha + adjuvant*		
Chicory, endive, radicchio (field and protected cropping systems)	Brown sowthistle aphid (<i>Uroleucon sonchi</i>), currant lettuce aphid (<i>Nasonovia ribisnigri</i>), green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 3 days	
Onions, bulb	Onion thrips (<i>Thrips tabaci</i>)	200 mL/ha + adjuvant*	H 7 days	Monitor crops and commence applications once local thresholds are reached. Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 14 days of a previous Movento spray (onions, bulb). Do not re-apply within 7 days of a previous Movento spray (bulb vegetables excluding onions, bulb). Do not apply more than 2 applications per crop. Movento 240 SC is not highly effective against the adult stage of thrips, however a decline in the total thrips population will occur over time as the juvenile stages are controlled. There are certain conditions where Movento plus adjuvant may cause a minor tip burn on leaves in bulb vegetables. Before treating large areas, a small area should be tested to determine whether crop phytotoxicity is likely. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS
Bulb vegetables excluding onions, bulb	Onion thrips (<i>Thrips tabaci</i>) Western flower thrips (<i>Frankliniella occidentalis</i>), tomato thrips (<i>Frankliniella schultzei</i>), plague thrips (<i>Thrips imaginis</i>)	200 mL/ha + adjuvant* 300 – 400 mL/ha + adjuvant*		
Potatoes, sweet potatoes	Green peach aphid (<i>Myzus persicae</i>)	200 mL/ha + adjuvant*	H 7 days	Monitor crops and commence applications once local thresholds are reached. Where applicable, use the higher rate when periods of high pest pressure or rapid crop growth are evident, when longer residual control is desired or when crops are dense or large. Continue to monitor crops and make subsequent applications as necessary. Do not re-apply within 7 days of a previous Movento spray. Do not apply more than 3 applications per crop. Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Silverleaf whitefly (<i>Bemisia tabaci</i> Biotype B)	300 – 400 mL/ha + adjuvant*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Sweet corn	Corn aphid (<i>Rhopalosiphum maidis</i>)	200 - 300 mL/ha + adjuvant*	H, G 7 days	<p>Monitor crops and commence applications once local thresholds are reached.</p> <p>DO NOT apply prior to tassel emergence.</p> <p>Use the higher rate when periods of high pest pressure or rapid crop growth are evident (e.g. during silking) or when longer residual control is desired or when crop (e.g. corn cob) is advanced.</p> <p>Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 7 days of a previous Movento spray.</p> <p>Do not apply more than a total of 2 applications per crop.</p> <p>Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p>

FRUIT CROPS

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Citrus	Red scale, mussel scale, white louse scale (citrus snow scale),	Dilute spraying 20-30 mL/100 L water plus adjuvant*	H 3 weeks	<p>Monitor crops and commence applications after flowering at the onset of crawler emergence or when pest numbers reach economic threshold. Continue to monitor crops and apply a second application 21 - 35 days after the first application if required. Applications to an established pest population where mature adults are present and dominate the population will be ineffective.</p> <p>Where applicable, use the higher rate under high pest pressure or to provide longer residual control.</p> <p>For red scale the higher rate will provide control where crawlers have settled and whitecaps are visible.</p> <p>DO NOT exceed 4.0 L of Movento per hectare.</p> <p>A total of three applications can be made in citrus in a twelve month period, however no more than two applications should be made within 90 days of harvest.</p> <p>Apply thoroughly to ensure complete coverage, using dilute spraying equipment in up to 10,000 L/ha water (concentrate spraying is not appropriate for this use) – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant - refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p>
	Soft brown scale	Dilute spraying 30 mL/100 L water plus adjuvant*		
	Pink wax scale, citrus mealybug (suppression only)	Dilute spraying 30-40 mL/100 L water plus adjuvant*		
Kelly's citrus thrips		Dilute spraying 30-40 mL/100 L water plus adjuvant*	H 3 weeks	<p>Monitor crops from flowering onwards for the presence of Kelly's citrus thrips. Apply Movento, after flowering, once local pest thresholds are reached. A single application may be suitable where thrips pressure is low. Continue to monitor crops and where thrips pressure is moderate to high apply a second application, no less than 14 days after the first, and prior to calyx closure.</p> <p>Use the higher rate under high pest pressure or to provide longer residual control.</p> <p>DO NOT exceed 4.0 L of Movento per hectare.</p> <p>Overlapping cropping situations e.g. lemons, Valencia oranges: If any maturing fruit is present on the tree and is within six weeks of harvest, a second application for control of Kelly's citrus thrips should be at least 21 days after the first and ideally prior to calyx closure.</p> <p>A total of three applications can be made in citrus in a twelve month period, however no more than two applications should be made within 90 days of harvest.</p> <p>Apply thoroughly to ensure complete coverage, using dilute spraying equipment in up to 10,000 L/ha water (concentrate spraying is not appropriate for this use) – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant - refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p>

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Grapes	Longtailed mealybug (<i>Pseudococcus longispinus</i>), tuber mealybug (<i>Pseudococcus viburni</i>), grapevine scale (<i>Parthenolecanium persicae</i>) (suppression only), plague thrips (<i>Thrips imaginis</i>) (suppression only), northern plague thrips (<i>Thrips safrus</i>) (suppression only)	Dilute spraying 40 mL/100 L + adjuvant Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*	H 4 weeks**	<p>Monitor crops following bud burst. Commence applications at the onset of crawler emergence or when pest numbers reach an economic threshold. To ensure there is sufficient foliage for product uptake do not apply prior to 6 leaf stage (EL 13).</p> <p>Mealybug and grapevine scale Continue to monitor crops and apply a second application 21 to 28 days after the first application.</p> <p>Thrips The peak time for thrips damage in grape vines is during flowering and berry set. To obtain optimum thrips suppression, a second application should be applied prior to the anticipated peak thrips activity. The second application should be made no less than 14 days after the initial application. Do not exceed a 28 day interval. At this longer interval, an application of a product from an alternative group chemical group will be required between Movento applications to provide continual thrips protection.</p> <p>All pests For all pests applications to an established pest population where mature adults are present and dominate the population will be ineffective.</p> <p>Do not apply more than 2 applications per crop with a minimum 14 days between applications.</p> <p>Apply thoroughly to ensure complete coverage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, do not use at rates greater than two times the dilute spraying rate (i.e. at a concentration factor greater than 2X) – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant - refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p> <p>** Note: If grapes are likely to be exported as wine, fresh or dried fruit also refer to advice under Export of treated produce heading.</p>

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Mangoes (Post flowering applications)	White mango scale, citrus mealybug (suppression only)	<p>Fruit less than 50 mm diameter Dilute spraying 30-40 mL/100 L water plus adjuvant* or 40 mL/100 L water <u>without</u> adjuvant**</p> <p>Fruit greater than 50 mm diameter Dilute spraying 40 mL/100 L water <u>without</u> adjuvant**</p>	H 14 days	<p>Monitor crops and commence applications from immediately after flowering coinciding with crawler emergence. Continue to monitor crops and apply a second application 21 - 35 days after the first application if required. Use the higher rate under high pest pressure or to provide longer residual control.</p> <p>Do not apply more than two applications of Movento post-flowering (i.e. between fruit set and harvest).</p> <p>* Where indicated add a specified spray adjuvant - refer "Adjuvant" section in GENERAL INSTRUCTIONS. Refer to Warning: Safety to Fruit, below, for advice on when adjuvant should NOT be used with Movento.</p> <p>** When Movento 240 SC is applied without an adjuvant for the control of white mango scale or suppression of citrus mealybug, lower levels of control may be evident.</p>
	Pink wax scale	<p>Fruit less than 50 mm diameter Dilute spraying 30-40 mL/100 L water plus adjuvant*</p> <p>Fruit greater than 50 mm diameter Not recommended</p>		<p>Apply thoroughly to ensure complete coverage using dilute spraying equipment (concentrate spraying is not appropriate for this use) – refer "Application" section in GENERAL INSTRUCTIONS.</p> <p>Warning: Safety to Fruit Movento can cause damage (drip point injury) to mango fruit under some circumstances. To reduce the risk of such damage when fruit is present on trees;</p> <ul style="list-style-type: none"> Do not spray to excessive run-off Do not use wetting agent type adjuvants Do not mix Movento with any other product, except the specified adjuvant when recommended Do not mix Movento with any other product, <u>including any adjuvant</u>, if any fruit exceeds 50 mm diameter (width) <p>Fruit of the variety Honey Gold has been found to be particularly sensitive to Movento, and for some varieties fruit sensitivity may be unknown, hence the following additional precaution applies:</p> <ul style="list-style-type: none"> Do not mix Movento with any other product, including any adjuvant, when applying to fruiting crops of Honey Gold variety or other varieties where fruit safety of Movento plus adjuvant is unknown. <p>Even when these precautions are followed, some fruit damage has occasionally been noted in the Honey Gold variety.</p>
Mangoes (Post harvest applications – no fruit)	White mango scale, pink wax scale	<p>Dilute spraying 30-40 mL/100 L water plus adjuvant*</p> <p>Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*</p>	-	<p>Apply after harvest and after tree pruning (if performed) to ensure good scale control on new growth. Use the higher rate under high pest pressure or to provide longer residual control.</p> <p>Do not apply within two weeks before the beginning of flowering.</p> <p>Apply thoroughly to ensure complete coverage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, do not use at rates greater than two times the dilute spraying rate (i.e. at a concentration factor greater than 2X) – refer "Application" section in GENERAL INSTRUCTIONS.</p> <p>* Where indicated add a specified spray adjuvant - refer "Adjuvant" section in GENERAL INSTRUCTIONS.</p>

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Passionfruit	Red scale	Dilute spraying 20-30 mL/100 L water plus adjuvant*	H 3 days	Monitor crops and commence applications immediately after peak flowering coinciding with the onset of crawler emergence or when pest numbers reach economic threshold. Continue to monitor crops and apply a second application no less than 21 days after the first application if required. Where applicable, use the higher rate under high pest pressure or to provide longer residual control or when crops are dense. For red scale the higher rate will provide control of an established population of the pest. A total of two applications can be made in passionfruit in a twelve month period. Apply thoroughly to ensure complete coverage using dilute spraying equipment up to 1000 L/ha (concentrate spraying is not appropriate for this use) – refer “Application” section in GENERAL INSTRUCTIONS * Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	Citrus mealybug (suppression only)	Dilute spraying 40 mL/100 L water plus adjuvant*		
Pome fruit	Longtailed mealybug (<i>Pseudococcus longispinus</i>), tuber mealybug (<i>Pseudococcus virburni</i>), woolly apple aphid (<i>Eriosoma lanigerum</i>) (suppression only)	Dilute spraying 40 mL/100 L + adjuvant* Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*	H 3 weeks	Monitor crops following flowering. Commence applications at the onset of crawler emergence or when pest numbers reach an economic threshold. To ensure there is sufficient foliage for product uptake; For apples, do not apply prior to petal fall. For pears, do not apply prior to fruitlets reaching 10 mm in diameter. Mealybug and woolly apple aphid: Continue to monitor crops and apply a second application 14 to 28 days after the first application. San Jose scale: Continue monitoring and apply further applications when new generations emerge. Do not re-apply within 14 days of a previous Movento application. All pests For all pests, applications to an established pest population where mature adults are present and dominate the population will be ineffective. Do not apply more than 3 applications per crop with a minimum 14 days between applications. Apply thoroughly to ensure complete coverage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, do not use at rates greater than two times the dilute spraying rate (i.e. at a concentration factor greater than 2X) – refer “Application” section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant - refer “Adjuvant” section in GENERAL INSTRUCTIONS.
	San Jose scale (<i>Quadraspidiotus perniciosus</i>)	Dilute spraying 30 mL/100 L + adjuvant* Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
<p>Stone fruit</p>	<p>Tuber mealybug (<i>Pseudococcus virburni</i>), longtailed mealybug (<i>Pseudococcus longispinus</i>)</p>	<p>Dilute spraying 40 mL/100 L + adjuvant*</p> <p>Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*</p>	<p>H</p> <p>3 weeks</p>	<p>Monitor crops following petal fall. Commence applications at the onset of crawler emergence or when pest numbers reach an economic threshold. To ensure there is sufficient foliage for product uptake do not apply prior to shuck fall.</p> <p>Mealybug: Continue to monitor crops and apply a second application 14 to 28 days after the first application.</p> <p>Aphids: Continue to monitor crops and apply a second application 14 to 21 days after the first application if required.</p> <p>San Jose scale: Continue monitoring and apply further applications when new generations emerge. Do not re-apply within 14 days of a previous Movento application.</p> <p>All pests For all pests, applications to an established pest population where mature adults are present and dominate the population will be ineffective.</p> <p>Cherries: Do not apply more than 2 applications per crop for cherries with a minimum 14 days between applications.</p> <p>Stone fruit other than cherries: Do not apply more than 3 applications per crop, with no more than 2 applications made later than 21 days after shuck fall and with a minimum 14 days between applications.</p> <p>Apply thoroughly to ensure complete coverage. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, do not use at rates greater than two times the dilute spraying rate (i.e. at a concentration factor greater than 2X) – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant - refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p>
	<p>Black cherry aphid (<i>Myzus cerasi</i>), black peach aphid (<i>Brachycaudus persicae</i>), San Jose scale (<i>Quadraspidiotus perniciosus</i>)</p>	<p>Dilute spraying 30 mL/100 L + adjuvant*</p> <p>Concentrate Spraying Refer to the Application section. Add adjuvant as recommended*</p>		

COTTON

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cotton	Silverleaf whitefly (<i>Bemisia tabaci</i>)	300 – 400 mL/ha + adjuvant*	H 3 weeks	<p>Monitor crops and commence applications once local thresholds are reached. Use the higher rate when periods of high pest pressure or rapid crop growth are evident, when longer residual control is desired or when crops are well advanced.</p> <p>Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 14 days of a previous Movento spray.</p> <p>Do not apply more than 2 applications per crop.</p> <p>Movento may not control silverleaf whitefly adults and eggs, however a decline in the total silverleaf whitefly population will occur over time as the juvenile stages are controlled.</p> <p>Ensure thorough coverage of the target crop – refer “Application” section in GENERAL INSTRUCTIONS.</p> <p>*Always add a specified spray adjuvant – refer “Adjuvant” section in GENERAL INSTRUCTIONS.</p>
	Cotton aphid (<i>Aphis gossypii</i>)	300 – 400 mL/ha + adjuvant*	G Refer to grazing WHP statement below.	

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

WITHHOLDING PERIODS (WHP)

Harvest (H):

Eggplant, peppers (capsicum and chilli), tomatoes, cucurbits, lettuce: **DO NOT HARVEST FOR 1 DAY AFTER APPLICATION**

Brassica vegetables, brassica leafy vegetables, celery, chicory, endive, herbs, leafy vegetables (except lettuce), passionfruit, radicchio, rhubarb, snow peas, sugar snap peas: **DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION**

Beans, bulb vegetables (except onions, bulb), onions (bulb), peas (except snow peas and sugar snap peas), potatoes, sweet corn, sweet potatoes: **DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

Mangoes: **DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION**

Citrus, cotton, pome fruit, stone fruit: **DO NOT HARVEST FOR 3 WEEKS AFTER APPLICATION**

Grapes: **DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION**

Note: If grapes are likely to be exported as wine, fresh or dried fruit also refer to advice under **Export of treated produce** heading.

Grazing (G):

Brassica vegetables (including brassica leafy vegetables), chicory: **DO NOT GRAZE TREATED BRASSICA OR CHICORY CROPS**

Cotton: **DO NOT FEED COTTON FODDER, STUBBLE OR TRASH TO LIVESTOCK**

Snow peas and sugar snap peas: **DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 3 DAYS AFTER APPLICATION**

Beans, peas (except snow peas and sugar snap peas), sweet corn: **DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 7 DAYS AFTER APPLICATION**

LIVESTOCK DESTINED FOR EXPORT MARKETS

The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the grazing withholding period, the Export Slaughter Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI) – 3 DAYS

LIVESTOCK THAT HAS BEEN GRAZED ON OR FED TREATED CROPS SHOULD BE PLACED ON CLEAN FEED FOR 3 DAYS PRIOR TO SLAUGHTER.