POISON

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

KENSO AGCARE

SPIRON 240 SC

INSECTICIDE

ACTIVE CONSTITUENTS: 240 g/L SPIROTETRAMAT

GROUP 23 INSECTICIDE

For the control of various insect pests in cotton and vegetable crops as specified in the directions for use table.

Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au

KENSO agcare

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 10 Litres APVMA Approval No.: 95093/144644

KENSO AGCARE SPIRON 240 SC INSECTICIDE

STORAGE AND DISPOSAL
Store in the closed, original container in 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 for appropriate disposal 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. 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 when opening the container and 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 in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and contaiminated.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zealand 0800 764 766.

SAFETY DATA SHEET
Additional information is listed in the Safety Data Sheet, which can be obtained from www.kenso.com.au.

CONDITIONS OF SALE
Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at theoption of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police or Fire Brigade

drumMUSTER eligible container

KENSO agcare

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.** *Precautionary:* Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash contacted areas thoroughly after handling. Use only outdoors or in well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and clothing/eye and face protection. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortabe for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTRE/doctor/physician if you feel unwell. Specific treatement (see FIRST AID on this label). If skin irritation or rash occurs and eye irritation persits: Get medical advice/attention. Take off contaminted clothing and wash it before reuse. Store in well-ventilated place. Keep container tightly closed. Store locked up.

Batch No.:
Date of Manufacture:

09/25

POISON

KEEP OUT OF REACH OF CHILDREN
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SPIRON 240 SC

Insecticide

ACTIVE CONSTITUENT: 240 g/L SPIROTETRAMAT

GROUP 23 INSECTICIDE

For the control of various insect pests in cotton and vegetable crops as specified in the directions for use table

READ THIS LEAFLET BEFORE USE

APVMA Approval No.: 95093/144644

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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. 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 watercourses with the chemical or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS
Application of Kenso Agcare Spiron 240 SC Insecticide to crops/plants other than those specified on this label may cause symptoms of phytotoxicity. Caution: Phytotoxic symptoms have occasionally been observed when Spiron 240 SC 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 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 for appropriate disposal 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. 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 when opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist or equivalent clothing elbow-length checmical resistant gloves. If product in eyes, wash it out immediately with water. Wash hand after use. After each day's use, wash gloves and contaiminated clothing.

FIRST AID
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INSECTICIDE RESISTANCE WARNING **GROUP 23 INSECTICIDE**
For insecticide resistance management Kenso Agcare Spiron 240 SC Insecticide is a Group 23 insecticide. Some naturally occurring insect biotypes resistant to Kenso Agcare Spiron 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 Kenso Agcare Spiron 240 SC or other Group 23 insecticides are used repeatedly. The effectiveness of Kenso Agcare Spiron 240 SC on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of Kenso Agcare Spiron 240 SC to control resistant insects. Kenso Agcare Spiron 240 SC may be subject to specific resistance management strategies. For further information contact your local supplier, Kenso Agcare Pty Ltd representative or local agricultural department agronomist.

RESTRAINTS
DO NOT graze treated brassica or chicory crops.

SPRAY DRIFT RESTRAINTS
Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift
DO NOT allow for bystanders to come into contact with the spray cloud.
DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.
DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one or two hours before sunset and persist until one to two hours after sunrise.
DO NOT apply by a boom sprayer unless the following requirements are met:
- Spray droplets not smaller than a MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for Boom Sprayers

Application rate	Mandatory Downwind Buffer Zones
	Livestock Areas
Up to maximum label rate	10 m

DO NOT apply by aircraft unless the following requirements are met:
- Spray droplets not smaller than a MEDIUM spray droplet size category.
- For maximum release heights above the target canopy of 3 m or 25% of wingspan or 25% of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

Buffer Zones for Aircraft

Type of aircraft	Wind Speed	Mandatory Downwind Buffer Zones
		Livestock Areas
Fixed wing	3 to 8 kilometres per hour	200 m
	9 to 20 kilometres per hour	250 m
Helicopter	3 to 8 kilometres per hour	120 m
	9 to 20 kilometres per hour	180 m

DIRECTIONS FOR USE:
VEGETABLE CROPS

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Beans, peas (green) including snow peas and sugar snap peas	Green peach aphid (*Myzus persicae*)	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 Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Silverleaf whitefly (*Bemisia tabaci* Biotype B)	300 – 400 mL/ha + adjuvant*		
Beans (green)	Western flower thrips (*Frankliniella occidentalis*), tomato thrips (*Frankliniella schultzei*)	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 Spiron spray. **Do not apply more than a total of 2 applications per crop**. Spiron 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 (*Myzus persicae*)	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 Spiron spray. **Do not apply more than 3 applications per crop.**
	Grey cabbage aphid (*Brevicoryne brassicae*)	200 – 300 mL/ha + adjuvant* OR **Dilute spraying** 20 – 30 mL/100 L + adjuvant*		
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 (*Myzus persicae*)	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 Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Grey cabbage aphid (*Brevicoryne brassicae*)	200 – 300 mL/ha + adjuvant*		
	Silverleaf whitefly (*Bemisia tabaci* Biotype B)	300 – 400 mL/ha + adjuvant*		
Celery and rhubarb	Green peach aphid (*Myzus persicae*)	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 Spiron spray. **Do not apply more than 2 applications per crop.** Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Cotton aphid (*Aphis gossypii*)	200 – 300 mL/ha + adjuvant*		
	Western flower thrips (*Frankliniella occidentalis*), tomato thrips (*Frankliniella schultzei*), plague thrips (*Thrips imaginis*)	300 – 400 mL/ha + adjuvant*		
Cucurbits (field and protected cropping systems)	Cotton aphid (*Aphis gossypii*)	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 Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Green peach aphid (*Myzus persicae*)	200 mL/ha + adjuvant* OR **Dilute spraying** 20 mL/100 L + adjuvant*		
	Silverleaf whitefly (*Bemisia tabaci* Biotype B)	300 – 400 mL/ha + adjuvant* OR **Dilute spraying** 30 – 40 mL/ 100 L + adjuvant*		
Eggplant, peppers (capsicum and chilli), **tomatoes** (field and protected cropping systems)	Green peach aphid (*Myzus persicae*)	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 Spiron spray. **Do not apply more than 3 applications per crop.** Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Silverleaf whitefly (*Bemisia tabaci* Biotype B), western flower thrips (*Frankliniella occidentalis*)	300 – 400 mL/ha + adjuvant* OR **Dilute spraying** 30 – 40 mL/100 L + adjuvant* OR **Concentrate spraying -** Refer "Application" section in GENERAL INSTRUCTIONS		

VEGETABLE CROPS continued

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Herbs (field and protected cropping systems)	Green peach aphid (*Myzus persicae*)	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 Spiron spray. **Do not apply more than 3 applications per crop.** Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Cotton aphid (*Aphis gossypii*)	200 – 300 mL/ha + adjuvant*		
	Western flower thrips (*Frankliniella occidentalis*), tomato thrips (*Frankliniella schultzei*), plague thrips (*Thrips imaginis*)	300 – 400 mL/ha + adjuvant*		
Leafy vegetables (except lettuce) including chard, cress, rocket, silverbeet, spinach (field and protected cropping systems)	Green peach aphid (*Myzus persicae*)	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 Spiron o 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
Lettuce (head lettuce and leafy lettuce) (field and protected cropping systems)	Brown sowthistle aphid (*Uroleucon sonchi*), currant lettuce aphid (*Nasonovia ribisnigri*), green peach aphid (*Myzus persicae*)	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 Spiron spray. **Do not apply more than 3 applications per crop.** Spiron 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** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Western flower thrips (*Frankliniella occidentalis*)	300 – 400 mL/ha + adjuvant*		
Chicory, endive, radicchio (field and protected cropping systems)	Brown sowthistle aphid (*Uroleucon sonchi*), currant lettuce aphid (*Nasonovia ribisnigri*), green peach aphid (*Myzus persicae*)	200 mL/ha + adjuvant*	H 3 days	**INSTRUCTIONS.** *Refer to previous page for Critical Comments in Lettuce.*
Onions, bulb	Onion thrips (*Thrips tabaci*)	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 Spiron spray (onions, bulb). Do not re-apply within 7 days of a previous Spiron spray (bulb vegetables excluding onions, bulb). **Do not apply more than 2 applications per crop.** Spiron 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 Spiron 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 (*Thrips tabaci*)	200 mL/ha + adjuvant*		
	Western flower thrips (*Frankliniella occidentalis*), tomato thrips (*Frankliniella schultzei*), plague thrips (*Thrips imaginis*)	300 – 400 mL/ha + adjuvant*		
Potatoes, sweet potatoes	Green peach aphid (*Myzus persicae*)	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 Spiron 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.** **Note:** This use is subject to a CropLife resistance management strategy. Refer to www.croplife.org.au for more information.
	Silverleaf whitefly (*Bemisia tabaci* Biotype B)	300 – 400 mL/ha + adjuvant*		
Sweet corn	Corn aphid (*Rhopalosiphum maidis*)	200 - 300 mL/ha + adjuvant*	H, G 7 days	Monitor crops and commence applications once local thresholds are reached. **DO NOT apply prior to tassel emergence.** 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. Continue to monitor crops and make a subsequent application as necessary. Do not re- apply within 7 days of a previous Spiron 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.**

COTTON

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cotton	Silverleaf whitefly (*Bemisia tabaci*)	300 – 400 mL/ha + adjuvant*	H 3 weeks G Refer to grazing WHP statement below.	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. Continue to monitor crops and make a subsequent application as necessary. Do not re-apply within 14 days of a previous Spiron spray. **Do not apply more than 2 applications per crop.** Spiron 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. 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 (*Aphis gossypii*)	300 – 400 mL/ha + adjuvant*		

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

WITHHOLDING PERIOD:
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), 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 andsugar snap peas), potatoes, sweet corn, sweet potatoes: **DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**
Cotton: **DO NOT HARVEST FOR 3 WEEKS AFTER APPLICATION**

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**

TRADE ADVICE:
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.

Export of treated produce
Growers should note that suitable MRLs or import tolerances do not exist in all markets for produce treated with Kenso Agcare Spiron 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 Kenso Agcare Pty Ltd, or your industry body for the latest information on any potential trade issues and their management before using Kenso Agcare Spiron 240 SC.

GENERAL INSTRUCTIONS:

Adjuvant
Vegetables and herbs (except bulb vegetables, onions, bulb): For both dilute and concentrate (where applicable) spraying methods, apply Kenso Agcare Spiron 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.
Bulb vegetables and onions, bulb: Apply Kenso Agcare Spiron 240 SC with Hasten Spray Adjuvant at 0.5 to 1.0 ml/100 L of spray mixture.
Cotton: Apply Kenso Agcare Spiron 240 SC with Hasten Spray Adjuvant at 1.0 L/ha.

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. Kenso Agcare Spiron 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.

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 L ÷ 500 L = 3)
  4. If the dilute label rate is 40 mL/100 L, then the concentrate rate becomes 3 x 40 mL/100 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 higher rate than 120 ml/100 L where a silute spraying rate 40 ml/100 L is specified).
- Note that the concentrate mixing rate is applicable only to Kenso Agcare Spiron 240 SC. The adjuvant rate remains unchanges (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.

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.

Aerial application (beans, cotton, cucurbits, peas, potatoes, sweet corn, tomatoes only)
Spiron 240 SC 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 (e.g. Micronaire rotary atomisers, CP nozzles or conventional hydraulic nozzles) set to MEDIUM spray quality A spray drift minimisation strategy should be employed at all times when applying this product. Do not apply Spiron 240 SC 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 Spiron 240 SC with Amistar® or Du-Wett®.

IPM compatibility
Spiron 240 SC may have an adverse effect on predatory mites where IPM is practiced.