

# POISON

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

TITAN

# SPIRANDO 240SC

## INSECTICIDE

ACTIVE CONSTITUENT: 240g/L SPIROTETRAMAT

GROUP **23** INSECTICIDE

For the control of various pests in Cotton and certain Fruit and Vegetable Crops as specified  
in the Directions For Use table.

APVMA Approval No.: 94001/143092

Pack Size: 1L-1000L



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**SC**

Formulation Type  
**Suspension Concentrate**

**IN A TRANSPORT EMERGENCY**  
• DIAL 000 • POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING NOT  
A DANGEROUS GOOD ACCORDING  
TO THE AUSTRALIAN DANGEROUS  
GOODS (ADG) CODE FOR TRANSPORT  
BY ROAD AND RAIL

## DIRECTIONS FOR USE

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift)

DO NOT allow 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. 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 to 2 hours before sunset and persist until one to 2 hours after sunrise.

### Boom Sprayers

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 Downwind Buffer Zone' section of the following table titled 'Buffer Zones for Boom Sprayers') are observed.

Buffer Zones for Boom Sprayers						
Application Rate	Boom height above the target canopy	Mandatory Downwind Buffer Zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 400mL/ha	0.5m or lower	0m	0m	0m	0m	0m
	1.0m or lower	0m	0m	0m	0m	10m

### Vertical Sprayers

DO NOT apply by a vertical sprayer unless the following requirements are met:

- The spray is not directed above the target canopy.
- The outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site.
- For dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory Downwind Buffer Zones' section of the following table titled 'Buffer Zones for Vertical Sprayers') are observed.

Buffer Zones for Vertical Sprayers					
Type of target canopy and dilute water rate	Mandatory Downwind Buffer Zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
2m tall and smaller, maximum dilute water rate 1000L/ha	0m	0m	0m	0m	0m
Taller than 2m (not fully-foliated), maximum dilute water rate 4000L/ha	0m	0m	0m	15m	15m
Taller than 2m (fully-foliated), maximum dilute water rate 4000L/ha	0m	0m	0m	5m	5m
Taller than 2m (not fully-foliated), maximum dilute water rate 10,000L/ha	0m	10m	0m	20m	20m
Taller than 2m (fully-foliated), maximum dilute water rate 10,000L/ha	0m	0m	0m	10m	15m

### Aircraft

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 height above the target canopy of 3m 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 Downwind Buffer Zones' section of the following table titled 'Buffer Zones for Aircraft') are observed.

Buffer Zones for Aircraft					
Type of aircraft	Mandatory Downwind Buffer Zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Fixed wing	0m	0m	0m	15m	90m
Helicopter	0m	0m	0m	25m	60m

DIRECTIONS FOR USE: VEGETABLE CROPS				
CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Beans, Peas (green) including Snow Peas and Sugar Snap Peas	Green Peach Aphid	200mL/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 TITAN Spirando 240SC spray. <b>DO NOT apply more than 2 applications per crop.</b> 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 (Biotype B)	400mL/ha + adjuvant*		
Beans (green)	Western Flower Thrips, Tomato Thrips	300-400mL/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 TITAN Spirando 240SC spray. <b>DO NOT apply more than 2 applications per crop.</b> TITAN Spirando 240SC 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	200mL/ha + adjuvant* OR <b>Dilute Spraying</b> 20mL/100L + 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 (eg from the commencement of head formation). Continue to monitor crops and make a subsequent application as necessary. DO NOT re-apply within 7 days of a previous TITAN Spirando 240SC spray. <b>DO NOT apply more than 3 applications per crop.</b> Ensure thorough spray coverage of the target crop. For dilute spraying apply to the point of run-off, using application volumes of up to 1000L/ha – refer Application section in GENERAL INSTRUCTIONS. * Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.
	Grey Cabbage Aphid	200-300mL/ha + adjuvant* OR <b>Dilute Spraying</b> 20-30mL/100L + adjuvant*		
	Silverleaf Whitefly (Biotype B)	300-400mL/ha + adjuvant* OR <b>Dilute Spraying</b> 30-40mL/100L + 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	200mL/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 (eg 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 TITAN Spirando 240SC spray. <b>DO NOT apply more than 2 applications per crop.</b> 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	200-300mL/ha + adjuvant*		
	Silverleaf Whitefly (Biotype B)	300-400mL/ha + adjuvant*		
Celery and Rhubarb	Green Peach Aphid	200mL/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 TITAN Spirando 240SC spray. <b>DO NOT apply more than 2 applications per crop.</b> TITAN Spirando 240SC 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. <b>Note:</b> The Green Peach Aphid and Cotton Aphid uses are subject to CropLife resistance management strategies. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.
	Cotton Aphid	200-300mL/ha + adjuvant*		
	Western Flower Thrips, Tomato Thrips, Plague Thrips	300-400mL/ha + adjuvant*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cucurbits (field and protected cropping systems)	Cotton Aphid	200-300mL/ha + adjuvant* OR <b>Dilute Spraying</b> 20-30 mL/100L + adjuvant*	H 1 day	<p>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 TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 3 applications per crop.</b></p> <p>Dilute spraying is recommended for trellised crops (eg 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 1000L/ha – refer Application section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p> <p><b>Note:</b> These uses are subject to CropLife resistance management strategies. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
	Green Peach Aphid	200mL/ha + adjuvant* OR <b>Dilute Spraying</b> 20mL/100L + adjuvant*		
	Silverleaf Whitefly (Biotype B)	300-400mL/ha + adjuvant* OR <b>Dilute Spraying</b> 30-40mL/100L + adjuvant*		
Eggplant, Peppers (Capsicum and Chili), Tomatoes (field and protected cropping systems)	Green Peach Aphid	200mL/ha + adjuvant* OR <b>Dilute Spraying</b> 20mL/100L + adjuvant* OR <b>Concentrate Spraying</b> Refer Application section in GENERAL INSTRUCTIONS	H 1 day	<p>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 TITAN Spirando 240SC spray.</p> <p><b>Do not apply more than 3 applications per crop.</b></p> <p>TITAN Spirando 240SC 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 (eg 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 1000L/ha – refer Application section in GENERAL INSTRUCTIONS.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p> <p><b>Note:</b> The Green Peach Aphid and Silverleaf Whitefly uses are subject to CropLife resistance management strategies. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
	Silverleaf Whitefly (Biotype B), Western Flower Thrips	300-400mL/ha + adjuvant* OR <b>Dilute Spraying</b> 30-40mL/100L + adjuvant* OR <b>Concentrate Spraying</b> Refer Application section in GENERAL INSTRUCTIONS		
Herbs (field and protected cropping systems)	Green Peach Aphid	200mL/ha + adjuvant*	H 3 days	<p>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 TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 3 applications per crop.</b></p> <p>TITAN Spirando 240SC 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.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p> <p><b>Note:</b> The Green Peach Aphid and Cotton Aphid uses are subject to CropLife resistance management strategies. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
	Cotton Aphid	200-300mL/ha + adjuvant*		
	Western Flower Thrips, Tomato Thrips, Plague Thrips	300-400mL/ha + adjuvant*		
Leafy Vegetables (except Lettuce) including Chard, Cress, Rocket, Silverbeet, Spinach (field and protected cropping systems)	Green Peach Aphid	200mL/ha + adjuvant*	H 3 days	<p>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 TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 3 applications per crop.</b></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> <p><b>Note:</b> This use is subject to a CropLife resistance management strategy. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Lettuce (Head Lettuce and Leafy Lettuce) (field and protected cropping systems)	Brown Sowthistle Aphid, Currant Lettuce Aphid, Green Peach Aphid	200mL/ha + adjuvant*	H 1 day	<p>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 TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 3 applications per crop.</b></p> <p>TITAN Spirando 240SC 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.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p> <p><b>Note:</b> The Green Peach Aphid use is subject to a CropLife resistance management strategy. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
	Western Flower Thrips	300-400mL/ha + adjuvant*		
Chicory, Endive, Radicchio (field and protected cropping systems)	Brown Sowthistle Aphid, Currant Lettuce Aphid, Green Peach Aphid	200mL/ha + adjuvant*	H 3 days	<p>TITAN Spirando 240SC 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.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p> <p><b>Note:</b> The Green Peach Aphid use is subject to a CropLife resistance management strategy. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
Onions, Bulb	Onion Thrips	200mL/ha + adjuvant*	H 7 days	<p>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 TITAN Spirando 240SC spray (Onions, Bulb). DO NOT re-apply within 7 days of a previous TITAN Spirando 240SC spray (Bulb Vegetables excluding Onions, Bulb).</p> <p><b>DO NOT apply more than 2 applications per crop.</b></p> <p>TITAN Spirando 240SC 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 TITAN Spirando 240SC 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.</p> <p>* Always add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS.</p>
Bulb Vegetables excluding Onions, Bulb	Onion Thrips	200mL/ha + adjuvant*		
	Western Flower Thrips, Tomato Thrips, Plague Thrips	300-400mL/ha + adjuvant*		
Potatoes, Sweet Potatoes	Green Peach Aphid	200mL/ha + adjuvant*	H 7 days	<p>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 and large. Continue to monitor crops and make subsequent applications as necessary. DO NOT re-apply within 7 days of a previous TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 3 applications per crop.</b></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> <p><b>Note:</b> These uses are subject to CropLife resistance management strategies. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
	Silverleaf Whitefly (Biotype B)	300-400mL/ha + adjuvant*		
Sweet Corn	Corn Aphid	200-300mL/ha + adjuvant*	H, G 7 days	<p>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 (eg during silking) or when longer residual control is desired or when crop (eg 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 TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than a total of 2 applications per crop.</b></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>



DIRECTIONS FOR USE: FRUIT CROPS				
CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Citrus	Red Scale, Mussel Scale, White Louse Scale (Citrus Snow Scale)	<b>Dilute Spraying</b> 20-30mL/100L water + 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. Where applicable, use the higher rate under high pest pressure or to provide longer residual control. For Red Scale the higher rate will provide control where crawlers have settled and whitecaps are visible.</p> <p><b>DO NOT exceed 4.0L of TITAN Spirando 240SC per hectare.</b></p> <p>A total of 3 applications can be made in Citrus in a 12 month period, however no more than 2 applications should be made within 90 days of harvest. Apply thoroughly to ensure complete coverage, using dilute spraying equipment in up to 10,000L/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	<b>Dilute Spraying</b> 30mL/100L water + adjuvant*		
	Pink Wax Scale, Citrus Mealybug (suppression only)	<b>Dilute Spraying</b> 30-40mL/100L water + adjuvant*		
	Kelly's Citrus Thrips			<p>Monitor crops from flowering onwards for the presence of Kelly's Citrus Thrips. Apply TITAN Spirando 240SC, 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. Use the higher rate under high pest pressure or to provide longer residual control.</p> <p><b>DO NOT exceed 4.0L of TITAN Spirando 240SC per hectare.</b></p> <p>Overlapping cropping situations eg 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. A total of 3 applications can be made in Citrus in a 12 month period, however no more than 2 applications should be made within 90 days of harvest. Apply thoroughly to ensure complete coverage, using dilute spraying equipment in up to 10,000L/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>
Grapes	Longtailed Mealybug, Tuber Mealybug, Grapevine Scale (suppression only), Plague Thrips (suppression only), Northern Plague Thrips (suppression only)	<b>Dilute Spraying</b> 40mL/100L + adjuvant* <b>Concentrate Spraying</b> Refer to the Application section.	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><b>Mealybug and Grapevine Scale:</b> Continue to monitor crops and apply a second application 21 to 28 days after the first application.</p> <p><b>Thrips:</b> The peak time for thrips damage in Grapevines 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 chemical group will be required between TITAN Spirando 240SC applications to provide continual thrips protection.</p> <p><b>For all pests:</b> Applications to an established pest population where mature adults are present and dominate the population will be ineffective. 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 2 times the dilute spraying rate (ie 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>** <b>Note:</b> 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)	<b>Fruit less than 50mm diameter</b> <b>Dilute Spraying</b> 30-40mL/100L water + adjuvant* OR 40mL/100L water without adjuvant** <b>Fruit greater than 50mm diameter</b> <b>Dilute Spraying</b> 40mL/100L water without adjuvant**	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><b>DO NOT apply more than 2 applications of TITAN Spirando 240SC post-flowering (ie between fruit set and harvest).</b></p> <p>* Where indicated add a specified spray adjuvant – refer Adjuvant section in GENERAL INSTRUCTIONS. Refer to <b>Warning: Safety to Fruit</b> below, for advice on when adjuvant should NOT be used with TITAN Spirando 240SC.</p> <p>** When TITAN Spirando 240SC 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> <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><b>Warning – Safety to Fruit</b> TITAN Spirando 240SC 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: DO NOT spray to excessive run-off. DO NOT use wetting agent type adjuvants. DO NOT mix TITAN Spirando 240SC with any other product, except the specified adjuvant when recommended. DO NOT mix TITAN Spirando 240SC with any other product including any adjuvant, if any fruit exceeds 50mm diameter (width).</p> <p>Fruit of the variety Honey Gold has been found to be particularly sensitive to spirotetramat and for some varieties fruit sensitivity may be unknown, hence the following additional precaution applies: DO NOT mix TITAN Spirando 240SC with any other product, including adjuvant, when applying to fruiting crops of Honey Gold variety or other varieties where fruit safety of TITAN Spirando 240SC plus adjuvant is unknown. Even when these precautions are followed, some fruit damage has occasionally been noted in the Honey Gold variety.</p>
	Pink Wax Scale	<b>Fruit less than 50mm diameter</b> <b>Dilute Spraying</b> 30-40mL/100L water + adjuvant* <b>Fruit greater than 50mm diameter</b> Not recommended		
Mangoes (Post-harvest applications – no fruit)	White Mango Scale, Pink Wax Scale	<b>Dilute Spraying</b> 30-40mL/100L water + adjuvant* <b>Concentrate Spraying</b> Refer to the application section.	H 14 days	<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. DO NOT apply within 2 weeks before the beginning of flowering. 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 2 times the dilute spraying rate (ie 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>
Passionfruit	Red Scale	<b>Dilute Spraying</b> 20-30mL/100L water + adjuvant*	H 3 days	<p>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.</p> <p>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 2 applications can be made in Passionfruit in a 12 month period. Apply thoroughly to ensure complete coverage using dilute spraying equipment up to 1000L/ha (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>
	Citrus Mealybug (suppression only)	<b>Dilute Spraying</b> 40mL/100L water + adjuvant*		

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Pome Fruit	Longtailed Mealybug, Tuber Mealybug, Woolly Apple Aphid (suppression only)	<b>Dilute Spraying</b> 40mL/100L + adjuvant* <b>Concentrate Spraying</b> Refer to the Application section.	H 3 weeks	<p>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 10mm in diameter.</p> <p><b>Mealybug and Woolly Apple Aphid:</b> Continue to monitor crops and apply a second application 14 to 28 days after the first application.</p> <p><b>San Jose Scale:</b> Continue monitoring and apply further applications when new generations emerge. DO NOT re-apply within 14 days of a previous TITAN Spirando 240SC application.</p> <p><b>For all pests:</b> 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 2 times the dilute spraying rate (ie 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>
	San Jose Scale	<b>Dilute Spraying</b> 30mL/100L + adjuvant* <b>Concentrate Spraying</b> Refer to the Application section.		
Stone Fruit	Tuber Mealybug, Longtailed Mealybug	<b>Dilute Spraying</b> 40mL/100L + adjuvant* <b>Concentrate Spraying</b> Refer to the Application section.	H 3 weeks	<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><b>Mealybug:</b> Continue to monitor crops and apply a second application 14 to 28 days after the first application.</p> <p><b>Aphids:</b> Continue to monitor crops and apply a second application 14 to 21 days after the first application if required.</p> <p><b>San Jose Scale:</b> Continue monitoring and apply further applications when new generations emerge. DO NOT re-apply within 14 days of a previous TITAN Spirando 240SC application.</p> <p><b>For all pests:</b> Applications to an established pest population where mature adults are present and dominate the population will be ineffective.</p> <p><b>Cherries:</b> DO NOT apply more than 2 applications per crop for Cherries with a minimum 14 days between applications.</p> <p><b>Stone Fruit other than Cherries:</b> 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 2 times the dilute spraying rate (ie 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>
	Black Cherry Aphid, Black Peach Aphid, San Jose Scale	<b>Dilute Spraying</b> 30mL/100L + adjuvant* <b>Concentrate Spraying</b> Refer to the Application section.		
<b>DIRECTIONS FOR USE: COTTON</b>				
CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cotton	Silverleaf Whitefly	300-400mL/ha + adjuvant*	H 3 weeks G refer to grazing WHP statement	<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 or when longer residual control is desired or when crops are well advanced. Continue to monitor crops and make subsequent applications as necessary. DO NOT re-apply within 14 days of a previous TITAN Spirando 240SC spray.</p> <p><b>DO NOT apply more than 2 applications per crop.</b></p> <p>TITAN Spirando 240SC 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 spray 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			

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





## WITHHOLDING PERIODS

### HARVEST:

**Eggplant, Peppers (Capsicum and Chili), 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**

**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.

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

### GRAZING:

**Brassica Vegetables (including Brassica Leafy Vegetables), Chicory: DO NOT GRAZE TREATED BRASSICA CROPS 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 TITAN Spirando 240SC Insecticide. 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 TITAN AG Pty Ltd or your industry body for the latest information on any potential trade issues and their management before using TITAN Spirando 240SC Insecticide.

**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 TITAN AG Pty Ltd, your winery or the Australian Wine Research Institute (AWRI) before using TITAN Spirando 240SC Insecticide in Grapes which may be used to make wine for export.

## GENERAL INSTRUCTIONS

### ADJUVANT

#### Vegetables and Herbs (except Bulb Vegetables, Onions, Bulb)

For both dilute and concentrate (where applicable) spraying methods, apply TITAN Spirando 240SC Insecticide with Hasten\* or TITAN Duelling Spray Adjuvant. Generally, apply Hasten or TITAN Duelling Spray Adjuvant at 0.5 to 1.0L/ha. This can be achieved by adding Hasten or TITAN Duelling Spray Adjuvant at 200mL/100L of spray mixture, up to a maximum of 1.0L/ha where application volumes exceed 500L/ha.

#### Citrus, Grapes, Passionfruit, Pome Fruit, Stone Fruit

Apply TITAN Spirando 240SC Insecticide with Hasten or TITAN Duelling Spray Adjuvant at 50mL/100L of spray mixture.

#### Mangoes

For both dilute and concentrate (where applicable) spraying methods, apply TITAN Spirando 240SC Insecticide with Hasten or TITAN Duelling Spray Adjuvant at 50mL/100L of spray mixture only when the 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 the Critical Comments of the Directions For Use table, for advice on when adjuvant should NOT be used with TITAN Spirando 240SC Insecticide.

### Bulb Vegetables and Onions, Bulb

Apply TITAN Spirando 240SC Insecticide with Hasten or TITAN Duelling Spray Adjuvant at 0.5 to 1.0L/100L of spray mixture.

### Cotton

Apply TITAN Spirando 240SC Insecticide with Hasten or TITAN Duelling Spray Adjuvant at 1.0L/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 specified adjuvant. TITAN Spirando 240SC Insecticide should be applied as soon as possible after mixing.

### GROUND APPLICATION

#### Vegetable and Herb Crops

Thorough coverage of the target area is essential. Apply in sufficient water. Use suitable application parameters (nozzles, pressure, boom height, speed, etc.) to ensure thorough and even coverage.

#### Application using rate per hectare

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 sprayer is used, the use of droppers will help improve spray coverage to the target area, ie silks and cobs.

#### Application using rate per 100L (Dilute Spraying)

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 100L of water. Spray to the point of run-off, to a maximum of 1000L/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 (eg 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 1500L/ha
2. Your chosen concentrate spray volume: For example 500L/ha
3. The concentration factor in this example is: 3X (i.e.  $1500L \div 500L = 3$ )
4. If the dilute label rate is 40mL/100L, then the concentrate rate becomes 3 x 40mL/100L, that is 120mL/100L of concentrate spray.

The chosen spray volume, amount of product per 100L 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 (eg at a rate higher than 120mL/100L where a dilute spraying rate of 40mL/100L is specified).

Note that the concentrate mixing rate is applicable only to TITAN Spirando 240SC Insecticide. The adjuvant rate remains unchanged (ie 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, from industry guidelines or expert advice. Add the amount of product specified in the Directions For Use table for each 100L of water. Spray to the point of run-off, to a maximum of 1,000L/ha for Passionfruit and 10,000L/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 1500L/ha
2. Your chosen concentrate spray volume: For example 750L/ha
3. The concentration factor in this example is: 2X (ie  $1500L \div 750L = 2$ )
4. If the dilute label rate is 30mL/100L, then the concentrate rate becomes 2 x 30, that is 60mL/100L of concentrate spray.

The chosen spray volume, amount of product per 100L 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 (eg at a rate higher than 80mL/100L where a dilute spraying rate of 40mL/100L is specified).

Note that the concentrate mixing rate is applicable only to TITAN Spirando 240SC Insecticide. The adjuvant rate remains unchanged (ie 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 80L/ha.

### Aerial Application

#### (Beans, Cotton, Cucurbits, Peas, Potatoes, Sweet Corn, Tomatoes only)

TITAN Spirando 240SC Insecticide must only be applied by aircraft (fixed wing or helicopter) fitted with accurately calibrated equipment. Apply a minimum total spray volume of 30L/ha (preferably 50L/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. A spray drift minimisation strategy should be employed at all times when applying this product. DO NOT apply TITAN Spirando 240SC Insecticide 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 (eg reduced swath width), increased water volume (eg from 30L/ha to 50L/ha), and the use of Global Positioning Systems (GPS) as an aid during spray applications.

### COMPATIBILITY

DO NOT mix TITAN Spirando 240SC Insecticide with TITAN Azoxystrobin 250SC Fungicide or Du-Wett\*. DO NOT mix TITAN Spirando 240SC Insecticide with any other product, except the specified adjuvant when recommended, when applying to fruiting Mango crops. For further information on the compatibility of TITAN Spirando 240SC Insecticide with other products, contact your local TITAN AG representative.

### INSECTICIDE RESISTANCE WARNING

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

### 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 7,500L/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 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, watercourses with this product or used containers.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

**Caution:** Phytotoxic symptoms have occasionally been observed when TITAN Spirando 240SC Insecticide is applied to crops in protected cropping environments. This may be exacerbated when applied in tank mixtures.

### PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Spirotetramat has systemic action. However, the use of this product as directed is not expected to have adverse effects on bees.

### INTEGRATED PEST MANAGEMENT

TITAN Spirando 240SC Insecticide may have an adverse effect on predatory mites where IPM is practiced.

### 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-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 at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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.

**110L Containers:** If tamper evident seals are broken prior to initial use, then the integrity of the contents cannot be assured. Empty container by pumping through dry-break connection system. DO NOT attempt to breach the valve system of the filling point or contaminate the container with water or other products. Ensure that the couple, pump, meter and hoses are disconnected, triple rinsed with clean water and drained after each use. When empty, or contents no longer required, return the container to the point of purchase. This container remains the property of TITAN AG Pty Ltd.

**1000L Containers:** Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Titan Ag Pty Ltd should be advised immediately. This minibulk container is reusable and remains the property of Titan Ag Pty Ltd. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Titan Ag Pty Ltd for cleaning, relabelling and refilling.

### SAFETY DIRECTIONS

May irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When using together with other products, consult their label safety directions. 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. In addition, if applying by spraying equipment carried on the back of the user wear cotton overalls, over normal clothing, buttoned to the neck and wrist 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. Phone Australia 131 126; New Zealand 0800 764 766.

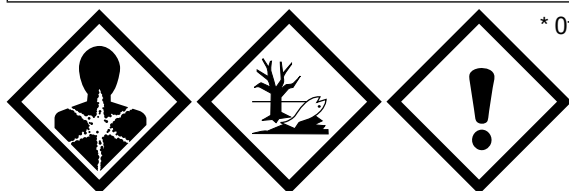
### SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Spirando 240SC Insecticide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit titanag.com.au



**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia:  
Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.  
Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. 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 exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Collect spillage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.



\* Other trademarks