

FARMALINX

Spartacus 250 SC

FUNGICIDE

DIRECTIONS FOR USE
Restraint
DO NOT apply by air, except on potatoes.

TREE AND VINE CROPS

Rate				Critical Comments
In the following table, Tree and Vine Crops, all rates given are for dilute spraying. For concentrate spraying, refer to the Application section.				For all uses in the table Tree and Vine Crops: 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. When applying FARMALINX SPARTACUS 250 SC through low volume application equipment, DO NOT use a concentrate factor greater than 4X. In these cases adequate coverage of all plant surfaces is still required to achieve control of diseases.
Crop	Disease	Rate /100L	WHP	
Avocados	Stem End Rot, Anthracnose	80mL	7 days	Apply FARMALINX SPARTACUS 250 SC in a preventative fungicide program containing fungicides from a different chemical group. For best results commence the disease control program with an approved fungicide from an alternative chemical group, then apply 1 application of FARMALINX SPARTACUS 250 SC during early fruit set. Follow with applications of an approved fungicide from a different chemical group. Apply 2 final applications of FARMALINX SPARTACUS 250 SC at 14 to 28 day intervals with the final spray applied 7 days prior to harvest. Ensure thorough spray coverage. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. DO NOT use FARMALINX SPARTACUS 250 SC curatively. If consecutive applications of FARMALINX SPARTACUS 250 SC are used they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before FARMALINX SPARTACUS 250 SC is used again in that crop in the current or following season. Apply a maximum of 3 applications of FARMALINX SPARTACUS 250 SC per season. DO NOT apply more than 2 consecutive applications of FARMALINX SPARTACUS 250 SC. DO NOT start the disease control program with FARMALINX SPARTACUS 250 SC.
Grapes table, wine, dried	Powdery Mildew (<i>Uncinula necator</i>), Downy Mildew (<i>Plasmopara viticola</i>), Botrytis Bunch Rot † (<i>Botrytis cinerea</i>)	75mL to 100mL	14 days	Application Method and Rate Apply in a sufficient volume of water to achieve thorough coverage of all foliage and fruit. The volume of water required to achieve this will depend on the stage of vine growth and vigour. Ensure thorough coverage. Adjust spray nozzles to direct spray droplets to the canopy present. Apply the higher rate of application in the following circumstances: 1. Where humid conditions favour Powdery Mildew infection, particularly on susceptible varieties. 2. At the start of the season when there has been a heavy carry over of Powdery Mildew infection (flag shoots are present). Spray Timing and Interval Apply 2 or 3 consecutive applications at 10 to 16 day intervals at any time between early shoot growth and 14 days before harvest. Use the recommended shorter interval during periods when climatic conditions are favourable for disease infection. † Botrytis Bunch Rot FARMALINX SPARTACUS 250 SC must not be used alone for Botrytis control at critical times such as 80 to 100% capfall and preharvest. It must be tank mixed with or substituted by a specific botryticide at these critical times. When FARMALINX SPARTACUS 250 SC is used in a seasonal spray programme it will provide control of Botrytis additional to that of specific botryticides such as CHLORNIL 720 SC®. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. DO NOT use FARMALINX SPARTACUS 250 SC curatively. As a precaution, DO NOT apply more than a total of 3 applications of FARMALINX SPARTACUS 250 SC per crop in 1 season. If consecutive applications of FARMALINX SPARTACUS 250 SC are used they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before FARMALINX SPARTACUS 250 SC is used again in that crop in the current or following season. DO NOT use FARMALINX SPARTACUS 250 SC for disease control in grapevine nurseries. Apply FARMALINX SPARTACUS 250 SC in a preventative fungicide program containing fungicides from a different chemical group.
Mangoes	Stem End Rot, Anthracnose	80mL	3 days	For best results apply 1 to 2 applications of FARMALINX SPARTACUS 250 SC at flowering and early fruit set, at no less than 14 day intervals. Follow with applications of an approved fungicide from a different chemical group. Further applications of FARMALINX SPARTACUS 250 SC may be applied at 21 days and 3 to 7 days prior to harvest. Ensure thorough spray coverage. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. DO NOT use FARMALINX SPARTACUS 250 SC curatively. If consecutive applications of FARMALINX SPARTACUS 250 SC are used they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before FARMALINX SPARTACUS 250 SC is used again in that crop in the current or following season. Apply a maximum of 3 applications of FARMALINX SPARTACUS 250 SC per season. DO NOT apply more than 2 consecutive applications of FARMALINX SPARTACUS 250 SC. DO NOT start the disease control program with FARMALINX SPARTACUS 250 SC.
Passionfruit	Alternaria, Cladosporium	80mL	1 day	Apply FARMALINX SPARTACUS 250 SC in a preventative fungicide program containing fungicides from a different chemical group. For best results apply 2 to 3 applications of FARMALINX SPARTACUS 250 SC at 14 day intervals over flowering. Follow with applications of an approved fungicide from a different chemical group. Apply a further 1 to 2 applications of FARMALINX SPARTACUS 250 SC finishing 1 day prior to harvest. Ensure thorough spray coverage. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. DO NOT use FARMALINX SPARTACUS 250 SC curatively. DO NOT apply more than 1/3 of the total number of fungicide applications. For example, if the total number of fungicides applied to the crop is 9, DO NOT apply more than 3 applications of FARMALINX SPARTACUS 250 SC. DO NOT exceed 5 applications of FARMALINX SPARTACUS 250 SC per crop. DO NOT apply more than 2 consecutive applications of FARMALINX SPARTACUS 250 SC. DO NOT start the disease control program with FARMALINX SPARTACUS 250 SC.

OTHER CROPS

Crop	Disease	Rate /100L	WHP	Critical Comments
Cucurbits	Powdery Mildew (<i>Sphaerotheca fuliginea</i>), Downy Mildew (<i>Pseudoperonospora cubensis</i>)	80 to 120 mL	1 day	Apply the higher rate when climatic conditions favour Powdery or Downy Mildew infection and in crops with large canopies. Application Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the cucurbits. For dilute spraying (g/100 L), an application volume of 300 L/ha is suggested where sprays are banded in the early part of the season, increasing to 1000 L/ha as a broadcast spray in a vigorous crop at full canopy. Spray Interval Consecutive applications should be applied at 7 to 14 day intervals, commencing soon after transplanting and continuing up to fruit maturity. Use the recommended shorter application interval in the following circumstances: 1. Under humid weather conditions which are favourable for Powdery Mildew, Downy Mildew or Gummy Stem Blight infection. 2. When there is rapid vegetative growth during the early part of the crop cycle. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. Apply FARMALINX SPARTACUS 250 SC in a protective spray program. DO NOT wait until disease levels have built up to make applications as this reduces the effectiveness of control and increases the risk of resistance development. As a precaution, DO NOT apply more than 1/3 of the total fungicide sprays, up to a maximum of 4 sprays of FARMALINX SPARTACUS 250 SC per crop. A maximum of 2 consecutive applications of FARMALINX SPARTACUS 250 SC are to be applied. They must be preceded and followed by at least 2 applications of fungicide(s) from a different fungicide group(s) such as CHLORNIL 720 SC to control Downy Mildew and Gummy Stem Blight and Nimrod™ to control Powdery Mildew, before FARMALINX SPARTACUS 250 SC is used again in that crop. Where crops are grown successively alternation should continue between crops.
Poppies	Downy Mildew	75 mL/ha	6 weeks	Apply FARMALINX SPARTACUS 250 SC in a preventative fungicide program containing fungicides from a different chemical group. Apply FARMALINX SPARTACUS 250 SC preventatively before disease symptoms appear. Ensure thorough spray coverage. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. DO NOT use FARMALINX SPARTACUS 250 SC curatively. Apply a maximum of 2 applications of FARMALINX SPARTACUS 250 SC per crop.
Potatoes	Early blight (Target Spot) (<i>Alternaria solani</i>)	300 to 400 mL/ha	-	Apply the higher rates when climatic conditions favour Early Blight or Late Blight infection and in crops with large canopies. Application FARMALINX SPARTACUS 250 SC may be applied by ground or aerial application equipment in potatoes. Aerial application may be used only for Early Blight (Target Spot) control. Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the potatoes. Ground Application: A volume of 200 to 300 L/ha is suggested at the start of the season, increasing to 500 to 600 L/ha in a vigorous crop at full canopy. Aerial Application (Early Blight only): A volume of 30 to 40 L/ha is recommended. Spray Interval Consecutive applications should be applied at 7 to 14 day intervals at any time between early shoot growth and 14 days before harvest. Use the recommended shorter application interval in the following circumstances: 1. Under humid weather conditions which are favourable for Early or Late Blight infection. 2. When there is rapid vegetative growth during the early part of the crop cycle. 3. At the first sign of Late Blight infection. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. Apply FARMALINX SPARTACUS 250 SC in a protective spray program. DO NOT wait until disease levels have built up to make applications as this reduces the effectiveness of control and increases the risk of resistance development. As a precaution, DO NOT apply more than 1/3 of the total fungicide sprays per crop as FARMALINX SPARTACUS 250 SC. A maximum of 3 consecutive applications of FARMALINX SPARTACUS 250 SC are to be applied. They must be preceded and followed by at least 3 applications of fungicide(s) from a different fungicide group(s) such as CHLORNIL 720 SC, before FARMALINX SPARTACUS 250 SC is used again in that crop. Where Late Blight infection has occurred it is recommended that single sprays of FARMALINX SPARTACUS 250 SC be alternated with 2 sprays of CHLORNIL 720 SC or a fungicide(s) from another group(s). Where crops are grown successively alternation should continue between crops.
	Late Blight (<i>Phytophthora infestans</i>)	500 to 600 mL/ha		Apply once as an in-furrow spray at planting. Mount the spray nozzle so the spray is directed into the furrow as a 15-20 cm band just before the seed is covered. Use the higher rate of FARMALINX SPARTACUS 250 SC where higher levels of disease occur. Use the lower rate where lower levels of disease occur or where less disease control is required. Apply in 1-3 l of water/100 m of row. Ensure the water volume used is not so high as to wash off any seed treatments previously applied to seed. DO NOT apply FARMALINX SPARTACUS 250 SC if conditions or seed quality favour bacterial rots as these diseases may be aggravated if seed comes into contact with additional moisture. DO NOT apply FARMALINX SPARTACUS 250 SC if planting in hot, sandy soils as bacteria rots may be aggravated. DO NOT mix with any other products when applying as an in-furrow spray.
	Soil borne: Black Scurf (<i>Rhizoctonia solani</i>) Silver Scurf* (<i>Helminthosporium solani</i>) *Suppression only.	5 to 10mL/100m of row		

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CONTINUED OVERLEAF

SDS
Additional information is listed in the safety data sheet (SDS). A safety data sheet for FARMALINX Spartacus 250 SC Fungicide is available from FARMALINX Pty Ltd on request.
Call Customer Service on 02 9389 2455

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SAFETY DIRECTIONS
Avoid contact with eyes. Wash hands after use. When opening the container and preparing spray wear cotton overalls, buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves. After each day's use, wash gloves and contaminated clothing.

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated area. DO NOT store in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to watercourses.
DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray drift on adjacent areas, particularly wetlands, water bodies or watercourses.
DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray drift on adjacent areas, particularly wetlands, water bodies or watercourses.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
HIGHLY TOXIC TO AQUATIC LIFE. DO NOT contaminate dams, waterways or drains with the chemical or used containers.
control resistant fungi.

GENERAL INSTRUCTIONS
DO NOT use concentration factors exceeding 4X when applying through low volume application equipment, except when applying FARMALINX SPARTACUS 250SC by air. In these cases adequate coverage of all plant surfaces is still required to achieve control of diseases.
Application
Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the tomatoes and the method of trellising which influences canopy volume.
In the case of dilute spraying (g/100 L) apply in the range of 400 to 500 L/ha after transplanting and increase to 800 to 1000 L/ha at full canopy.
In the case of fully trellised tomatoes at full canopy, application volumes should be increased to 1500 L/ha to achieve these results with high volume spraying.
For Late Blight and Sclerotinia control use the higher rates when climatic conditions are humid and mild, which favours disease infection.
Spray Interval
Consecutive applications should be applied at 7 to 14 day intervals commencing soon after transplanting and continuing up to fruit maturity. Use the recommended shorter application interval in the following circumstances:
1. Under humid weather conditions which are favourable for disease infection.
2. When there is rapid vegetative growth during the early part of the crop cycle.
Resistance Management
Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. Apply FARMALINX SPARTACUS 250 SC in a protective spray program. DO NOT wait until disease levels have built up to make applications as this reduces the effectiveness of control and increases the risk of resistance development.
As a precaution, DO NOT apply more than 1/3 of the total fungicide sprays per crop as FARMALINX SPARTACUS 250 SC.
A maximum of 3 consecutive applications of FARMALINX SPARTACUS 250 SC are to be applied. They must be preceded and followed by at least 3 applications of fungicide(s) from a different fungicide group(s) such as CHLORNIL 720 SC, before FARMALINX SPARTACUS 250 SC is used again in that crop. Where Late Blight infection has occurred it is recommended that single sprays of FARMALINX SPARTACUS 250 SC be alternated with 2 sprays of CHLORNIL 720 SC or a fungicide(s) from another group(s).
Where crops are grown successively alternation should continue between crops.

Export of Treated Produce
Grapes
While Maximum Residue Limits (MRLs) have been set in many major wine export destinations, some export destinations have not finalised MRL applications. For further information regarding export tolerances please contact your winery, Farmalinx Pty Ltd representative or the Australian Wine Research Institute.
While Maximum Residue Limits (MRLs) have been set in many major export destinations, it should be noted that MRLs or import tolerances may not be established in all export destinations. For further information regarding export tolerances please contact your export organisation or Farmalinx Pty Ltd representative.
Other Crops
The Maximum Residue Limits (MRLs) have been set in many major export destinations, it should be noted that MRLs or import tolerances may not be established in all export destinations. For further information regarding export tolerances please contact your export organisation or Farmalinx Pty Ltd representative.

WARNING
FARMALINX SPARTACUS 250 SC is extremely phytotoxic to certain apple varieties.
AVOID SPREAD DIRT. Extreme care must be used to prevent injury to apple trees.
DO NOT apply FARMALINX SPARTACUS 250 SC where spray drift may reach apple trees.
DO NOT spray where drift beyond the area intended for application. Conditions that may contribute to drift include thermal inversions, excessive wind speed, certain spray nozzle/pressure combinations, small spray droplet size etc.

DO NOT use spray equipment that has been previously used to apply FARMALINX SPARTACUS 250 SC to spray apple trees. Even trace amounts can cause unacceptable phytoxicity.

NOTICE TO BUYER
Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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

FARMALINX

Spartacus 250 SC

FUNGICIDE

ACTIVE CONSTITUENT: 250 g/L AZOXYSTROBIN

GROUP 11 FUNGICIDE

For the control of various diseases of Grapes, Potatoes, Tomatoes, Cucurbits, Avocados, Mangoes, Passionfruit and Poppies, as per the Directions for Use.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

FARMALINX Pty Ltd ABN 95 134 353 245
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farmalinx

Crop	Disease	Rate /100L	WHP	Critical Comments
Tomatoes Except greenhouse	Early Blight (Target Spot) (<i>Alternaria solani</i>)	400 L/ha or 40mL/100 L	1 day	Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the tomatoes and the method of trellising which influences canopy volume. In the case of dilute spraying (g/100 L) apply in the range of 400 to 500 L/ha after transplanting and increase to 800 to 1000 L/ha at full canopy. In the case of fully trellised tomatoes at full canopy, application volumes should be increased to 1500 L/ha to achieve these results with high volume spraying. For Late Blight and Sclerotinia control use the higher rates when climatic conditions are humid and mild, which favours disease infection. Spray Interval Consecutive applications should be applied at 7 to 14 day intervals commencing soon after transplanting and continuing up to fruit maturity. Use the recommended shorter application interval in the following circumstances: 1. Under humid weather conditions which are favourable for disease infection. 2. When there is rapid vegetative growth during the early part of the crop cycle. Resistance Management Disease control may be reduced if strains of pathogens less sensitive to FARMALINX SPARTACUS 250 SC develop. Apply FARMALINX SPARTACUS 250 SC in a protective spray program. DO NOT wait until disease levels have built up to make applications as this reduces the effectiveness of control and increases the risk of resistance development. As a precaution, DO NOT apply more than 1/3 of the total fungicide sprays per crop as FARMALINX SPARTACUS 250 SC. A maximum of 3 consecutive applications of FARMALINX SPARTACUS 250 SC are to be applied. They must be preceded and followed by at least 3 applications of fungicide(s) from a different fungicide group(s) such as CHLORNIL 720 SC, before FARMALINX SPARTACUS 250 SC is used again in that crop. Where Late Blight infection has occurred it is recommended that single sprays of FARMALINX SPARTACUS 250 SC be alternated with 2 sprays of CHLORNIL 720 SC or a fungicide(s) from another group(s). Where crops are grown successively alternation should continue between crops.
	Late Blight (<i>Phytophthora infestans</i>), Sclerotinia (<i>Sclerotinia minor</i>)	500 to 600 mL/ha or 50 to 60 mL/100 L		

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

WITHHOLDING PERIODS
Avocados:
Cucurbits, Passionfruit, Tomatoes:
Grapes:
Mangoes:
Poppies:
Potatoes:

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION
DO NOT HARVEST FOR 1 DAY AFTER APPLICATION
DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION
DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION
DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION
NOT REQUIRED WHEN USED AS DIRECTED