



# MONIKER 720 SC

Reg No./Nr.: L 9966: Act/Wet 36 of/van 1947

A suspension concentrate contact fungicide for the preventive control of diseases mentioned in beans, cucurbits, groundnuts, peas, potatoes, tomatoes, and ornamentals (gladioli, roses, lawns and turf).

'n Suspensiekonsentraat swamdoder met kontakwerking vir die voorkomende beheer van plantsiektes soos genoem in aartappels, bone, erte, grondbone, pampoengewasse, tamaties, en sierplante (rose, swaardlelies, grasperke en grasbane).

<b>FRAC<sup>+</sup> FUNGICIDE GROUP CODE</b>	<b>M5</b>	<b>FRAC<sup>+</sup> SWAMDODER GROEPKODE</b>
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## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Chlorothalonil (chloronitrite) .....720 g/l ..... Chlorotalonil (chloronitriet)

**Manufacture Date:**  
Vervaardigingsdatum

**Batch No.:**  
Lotnommer

**NET CONTENTS/NETTO INHOUD**

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS  
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

**REGISTRATION HOLDER/REGISTRASIEHOUER:**

**CEDAR FALL PROPERTIES 130 (Pty) Ltd**

Co. Reg. No./Mpy. Reg. Nr.: 2006/031383/07

22 Burnside Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4000 • Tel: 031 538 8700

UN No.: 3082



**HARMFUL  
SKADELIK**



#### WARNINGS:

- Allow the following minimum withholding periods between the last application and harvest or grazing.

Beans, cucurbits, potatoes, tomatoes .....	3 days
Peas .....	6 days
Bean hay, groundnut hay, pea hay .....	42 days
Cruciferae (Brassicacae).....	14 days

**NOTE:** Compliance with these withholding periods will ensure that residues do not exceed Local Maximum Residue Limits, but the import tolerances of other countries might possibly be exceeded. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, Maximum Residue Limits and recommended withholding periods.

- Handle with care.
- Harmful when swallowed or inhaled.
- Irritating to skin, eyes, nose and throat and causes skin sensitization.
- Toxic to fish and very toxic to other aquatic organisms.
- Store unused **MONIKER 720 SC** tightly closed in this container in a cool, well-ventilated place away from other agrochemicals, food, feed and feedstuffs.
- Keep behind lock and key and out of reach of children, animals and uninformed persons.

#### Re-entry:

- Do not enter the treated area until the spray deposit has dried unless wearing the protective clothing as recommended for applying the prepared spray mixture (see **PRECAUTIONS**).

#### Aerial application:

- Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings.
- Do not spray over or allow spray drift to contaminate water bodies or adjacent (non-target) areas.
- All applications of this remedy must conform with SABS Code of Practice 0118 (now known as SANS 10118) in respect of the standards set.

*Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it may be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of fungi against the remedy, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animals, or for lack of performance of the remedy concerned due to failure by the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.*

#### PRECAUTIONS:

- Do not inhale the spray mist.
- Wear protective clothing (face shield and rubber gloves) when handling the concentrate and preparing the spray mixture. Wash protective clothing daily.
- Wear protective clothing (overall, gloves, nose and mouth protection, and boots) when applying the prepared spray mixture. Change and wash your work clothes. Wash yourself.
- Avoid contact of the remedy with the skin.
- Wash with soap and water after handling and application or after accidental contact with the skin.
- In the event of contact with the eyes, rinse the eyes with clean running water for at least 15 minutes.
- Do not eat, drink or smoke whilst mixing or applying the remedy but wash hands and face thoroughly before doing so.
- Prevent contamination of food, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, water bodies and areas not to be treated.
- Clean all measuring utensils and application equipment thoroughly after use and before using it to apply any other remedy. Dispose of such wash water responsibly to prevent contamination of the environment and water sources.
- Rinsing of the immediate container: Invert the empty container over the spray tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to at least 10 % of that of the container. Add this rinsing water to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the rinsed empty container by perforating and flattening it. Bury the container at least 50 cm deep in the ground and at least 100 m away from a borehole or water source.
- Never use or re-use an empty container for any other purpose.

**RESISTANCE WARNING:** For resistance management, **MONIKER 720 SC** is a FRAC<sup>1</sup> group code M fungicide and specifically a group M5. Although this is generally considered a low risk group with no signs yet of resistance developing to the majority of fungicides or cross resistance between members of the group (M<sub>1</sub> – M<sub>6</sub>), it is nevertheless recommended to delay possible fungicide resistance by:

- Avoiding the exclusive and repeated use of fungicides from the same fungicide group code.
- Alternate or tank mix with products from different group codes.
- Integrate chemical and other control measures into disease control programmes.

For more information on resistance management, contact the registration holder of **MONIKER 720 SC**.

#### ADDITIONAL INFORMATION:

**Product properties:** The active ingredient in **MONIKER 720 SC** controls plant diseases by its multi-site contact activity. Therefore **MONIKER 720 SC** acts as a preventive fungicide and must be used as such, applied as a full cover spray in order to obtain control of the diseases mentioned.

To achieve this, a sufficient volume of spray mixture must be used to ensure good coverage of the entire plant: the stems and both surfaces of the leaves. Use spray equipment that is capable of delivering the recommended volumes of spray mixture by maintaining high pressure to achieve such coverage.

During wet or humid periods or weather conditions that will favour development of the diseases, applications must be made more frequently than otherwise (see **METHOD OF APPLICATION** and **DOSAGE RATES FOR APPLICATION**, below). However, **do not** exceed spray intervals of 21 days during the growing season of the crop.

Applications must be repeated if 12,5 mm or more natural rain or irrigation occurs within 3 days (72 hours) after an application.

**DIRECTIONS FOR USE:** Use only use as indicated.

- It is a violation of Government Notices R.1716 of 26 July 1991 and R.181 of 7 February 2003 issued in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), to use this product in a manner inconsistent with its labelling, or to decant this product into another container.

**Compatibility:** The compatibility of **MONIKER 720 SC** with other products may be influenced by the formulation of the products involved as well as the quality of the dilution water. Therefore a physical compatibility test should always be carried out prior to application as the formulation of other products may change without the knowledge of FARMAG INTERNATIONAL (PTY) LTD, and the quality of water may vary from farm to farm.

Signs of incompatibility during such a test can include separation of the mixture, flocculation and precipitation.

#### **Mixing instructions:**

- Half fill the spray tank with clean water.
- If **MONIKER 720 SC** is to be used on its own, measure the required volume of **MONIKER 720 SC** and pre-mix this with at least 10 ℓ water. Add this mixture to the water already in the spray tank and agitate the mixture.
- When **MONIKER 720 SC** is to be mixed with any other product, note must be taken of the heading **Compatibility:** mentioned above. Mix the formulated products in the sequence: adjuvant – wettable powder – suspension concentrate – emulsifiable concentrate – soluble concentrate, as the case may be.
- If any other product is to be mixed with **MONIKER 720 SC**, pre-mix the required volume of that product in the same way and slowly add it to the contents of the spray tank.
- Fill the spray tank with clean water to the desired level while maintaining agitation to ensure thorough mixing of the spray mixture before spraying commences.
- Maintain agitation during the whole mixing exercise and the spraying operation.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

#### **METHOD OF APPLICATION:**

##### **Ground application:**

- Apply the prepared spray mixture by means of a tractor-mounted sprayer fitted with a hydraulic spray boom and hollow cone nozzles,

calibrated to deliver the recommended volume spray mixture per hectare.

- All spray applications must be made with suitable spraying equipment in good working order and correctly calibrated to deliver the desired coverage of the target area for the recommended method of application.
- See also **DOSAGE RATES FOR APPLICATION** below for details as regards spray volumes to be applied for different crops.

##### **Aerial application:**

- **MONIKER 720 SC** may only be applied to beans, groundnuts, peas and potatoes by air.

**Do not commence or arrange for aerial application before consulting your MONIKER 720 SC representative.**

Aerial application may only be done by an accredited pest control operator registered in Field (i): Aerial Application (Act No. 36 of 1947), using a registered and correctly calibrated aircraft and applying the spray mixture in accordance with the South African National Standard 10118: The Aerial Application of Agricultural Remedies (previously: SABS Code of Practice 0118). It is important to ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria shall be met.

##### **Equipment:**

- Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of spray mixture through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 75 % of the aircraft's wingspan to prevent droplets from entering the wingtip vortices.
- Apply in swath widths recommended for the type of aircraft used for applying the prepared spray mixture.

##### **Application parameters:**

- **Volume:** A volume of 30 – 40 ℓ/ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy or be held responsible for any adverse effects if the product is applied aurally at a lower volume rate than recommended above.
- **Droplet coverage:** A droplet coverage of 50 – 70 droplets per cm<sup>2</sup> must be recovered at the target.
- **Droplet size:** A droplet spectrum with a VMD of 250 microns is recommended. Ensure that the production of fine droplets (less than 150 microns high drift & evaporation potential) is restricted to a minimum.
- **Flying height:** The height of the spray boom should be maintained at 3 – 4 metres above the target. Do not spray when aircraft is in a climb, at the top or during a dive, or when banking.

##### **Meteorological conditions:**

- The difference between the wet and dry bulb thermometer readings as determined by a whirling hygrometer must not exceed 8 °C.

- Do not spray under turbulent, unstable conditions, nor during the heat of the day when rising thermals and downdraughts occur.
- Do not spray under temperature inversion conditions, i.e., spraying in or above the inversion layer. This may lead to reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage) and damage to other sensitive crops and or non-target areas through the movement of the suspended spray cloud away from the target field.
- Do not spray when the wind speed exceeds 15 km / h.

**Groundnuts:** Aerial application is not a substitute for ground application. It should rather be viewed as a contingency measure when ground applications are impractical due to adverse weather conditions, e.g. very wet conditions. Strict adherence to all the above plus the following specification is essential for successful control:

1. The nozzles within 0,5 m of the wing tips must be blocked off and the remainder be fitted with D 10 – 46 or D 12 – 56 cone orifices and cores.
2. The nozzles must be arranged facing to the rear and downwards at an angle of 45 ° from the horizontal.
3. Apply in a minimum of 50 ℓ water/ha.

Obtain assurance from the aerial spray operator that the above specifications will be met. All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

**Centre pivot application: (Potatoes only)**

1. **MONIKER 720 SC** may be applied in potatoes via suitable centre pivot sprinkler irrigation equipment.
2. Operate the centre pivot system and injection equipment using a positive displacement metering pump at normal pressure and ensure that the manufacturer's recommendations are followed.
3. Do not operate the irrigation system without safety valves in order to prevent back siphoning and contamination of the water source.
4. The holding tank and injector should be connected to the discharge side of the irrigation line.
5. **MONIKER 720 SC** can be injected during the normal irrigation cycle or may be used as a separate application thereafter or when irrigation is not necessary.
6. After the injection cycle is complete, shut off injector but continue to run the centre pivot until **MONIKER 720 SC** has been flushed from the system.

7. Do not tank mix **MONIKER 720 SC** with any other agrochemical or fertiliser remedy.
8. Uniform water application by the centre pivot is essential to ensure that thorough coverage over the entire field is obtained by **MONIKER 720 SC**.

**Calibration for centre pivot application:** Fill tank of injection equipment with water. Operate centre pivot to calibrate the metering pump at required setting for 1 circle and measure time required to complete circle, amount of water injected during one complete circle and the area (ha) covered. Mix the recommended amount of **MONIKER 720 SC** for the area to be covered in the same amount of water used during calibration and inject continuously during a revolution of the centre pivot.

**General:**

- **MONIKER 720 SC** must be applied as a full cover preventive spray for the control of the disease mentioned. Ensure good coverage of the whole plant (the stems and both surfaces of the leaves) by using enough water and spraying equipment that is capable of maintaining high pressure.
- During wet or humid conditions when the disease pressure is more severe, applications must be made more frequently than during drier conditions, but do not exceed 21 day spray intervals. **MONIKER 720 SC** is rainfast 15 minutes after the spray deposit has dried.
- Rainfall of up to 60 mm after this period has lapsed, will not have a detrimental effect on the efficacy of **MONIKER 720 SC** and will not necessitate a reapplication.
- Ensure that the production of fine droplets (with a VMD less than 150 microns) is restricted to a minimum.
- The height of the spray boom should be maintained at 3 m above the target area at wind speeds below 8 km/h, and 2 m above the target area at wind speeds between 8 – 15 km/h.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive, or when banking.
- Ensure that fields are accurately marked and that the aerial spray operator knows exactly which fields to spray.
- Obtain an assurance from the aerial spray operator that the above requirements will be met.

**DOSAGE RATES FOR APPLICATION:**

- See **METHOD OF APPLICATION** above.

<b>CROP (AND DISEASE)</b>	<b>DOSAGE (mℓ / 100 ℓ WATER; or ℓ / ha)</b>	<b>REMARKS</b>
<b>Beans:</b>  Rust ( <i>Uromyces appendiculatus</i> )	0,7 – 1,4 ℓ / ha  0,7 – 1,4 ℓ / ha  1,4 ℓ / ha  1,4 ℓ / ha	Apply as a preventive treatment in a spray programme at 7 – 14 day intervals, or at the first signs of an infestation. Then repeat at 7 – 14 day intervals as a spray programme. <b>Dry-land crop: Ground application:</b> Apply as a full cover spray in 250 – 500 ℓ water / ha, depending on the growth stage of the crop. <b>Aerial application:</b> As above for Ground application: in 30 – 40 ℓ water / ha, depending on the growth stage of the crop. <b>Irrigated crop: Ground application:</b> Apply as a full cover spray in 250 – 500 ℓ water / ha, depending on the growth stage of the crop. <b>Aerial application:</b> As above in for Ground application: in 30 – 40 ℓ water / ha, depending on the growth stage of the crop. <b>Do not use less than 1,4 ℓ MONIKER 720 SC on beans under irrigation.</b>
<b>Cucurbits:</b>  Downy mildew ( <i>Pseudoperonospora cubensis</i> );  Anthracnose ( <i>Colletotrichum orbiculare</i> )	1 – 2 ℓ / ha	<b>Ground application only:</b> Apply as a preventive treatment at 7 – 10 day intervals in not less than 500 ℓ water / ha and ensure full cover application of both surfaces of the leaves. Use the higher dosage rate when weather conditions are favourable for development of the diseases.
<b>Groundnuts:</b>  Leaf spot ( <i>Cercospora spp.</i> ; <i>Phoma arachidicola</i> );  Botrytis stem rot ( <i>Botrytis cinerea</i> )	0,7 ℓ / ha  1,5 ℓ / ha  1,5 ℓ / ha	<b>Dry-land crop: Ground application:</b> <b>Low infection pressure:</b> Apply preventively as a full cover spray in at least 500 ℓ water / ha at a minimum pressure of 500 kPa. Repeat application every 10 – 14 days. <b>High infection pressure:</b> Increase the dosage rate to 1,55 ℓ/ha when conditions favour the development and spread of the diseases. Apply in 500 – 1 500 ℓ water / ha depending on crop growth stage and density of foliage. Repeat application every 10 – 14 days. <b>Irrigated crop: Ground application:</b> Note that the build-up of the disease (or infection pressure) can be very rapid when the crop is grown under irrigation. <b>MONIKER 720 SC</b> is preventive in its mode of action with no curative effect under such intensive production conditions. Applications must commence at 6 – 10 weeks after planting, or even earlier if conditions favour the development of the disease. Usually this timing would relate to the middle or end of December in most cases. Apply as a full cover spray in a spray programme at 7 – 14 day intervals. Apply in 500 – 1 500 ℓ water / ha depending on the growth stage of the crop and the density of the foliage, at a minimum pressure of 500 kPa. <b>Do not use less than 1,5 ℓ MONIKER 720 SC / ha on the mature crop.</b>

CROP (AND DISEASE)	DOSAGE (mℓ / 100 ℓ WATER; or ℓ / ha)	REMARKS
<p><b>Groundnuts: (Continued)</b></p> <p>Leaf spot (<i>Cercospora</i> spp.; <i>Phoma arachidicola</i>);</p> <p>Botrytis stem rot (<i>Botrytis cinerea</i>)</p>	1,55 ℓ / ha	<p><b>Aerial application:</b> The aerial application of <b>MONIKER 720 SC</b> must be seen as a method of application in a certain contingency and <b>not</b> as a substitute for ground application, e.g., very wet conditions that render ground applications impractical due to adverse weather.</p> <p>See <b>Aerial application:</b> under <b>METHOD OF APPLICATION</b> above.</p> <p>Also, in order to achieve optimum disease control for aerial application, the following additional parameters must be met.</p> <ul style="list-style-type: none"> <li>• Use the narrowest swath width for the particular aircraft.</li> <li>• Fit the nozzles with D10 – 46 or D12 – 56 cone orifices and cores.</li> <li>• Nozzles must be set at 45° from the horizontal and facing to the rear of the aircraft.</li> <li>• Apply in at least 50 ℓ water / ha.</li> <li>• The spray boom must be 2 – 3 m above the crop when applied.</li> <li>• Do not apply when the wind speed exceeds 10 km / h.</li> </ul>
<p><b>Peas:</b></p> <p>Ascochyta blight (<i>Ascochyta</i> spp.)</p>	<p>1,4 ℓ / ha</p> <p>1,5 ℓ / ha</p>	<p>Apply as a preventive spray programme at 10 – 14 day intervals from the early flowering stage, or from the first signs of infestation.</p> <p><b>Ground application:</b> Apply as a full cover spray in 500 – 1 000 ℓ water / ha depending on the growth stage of the crop.</p> <p><b>Aerial application:</b> As above for <b>Ground application:</b> in 30 – 40 ℓ water / ha.</p>
<p><b>Potatoes:</b></p> <p>Early blight (<i>Alternaria solani</i>);</p> <p>Late blight (<i>Phytophthora infestans</i>)</p>	<p>0,7 – 1 ℓ / ha</p> <p>2 ℓ / ha</p> <p>1 ℓ / ha</p> <p>2 ℓ / ha</p> <p>2 ℓ / ha</p>	<p>Apply <b>MONIKER 720 SC</b> as a preventive treatment in a spray programme, irrespective of the method of application. Commence applications when the crop comes into the flowering stage or even earlier when conditions favour the development and spread of the diseases.</p> <p>Repeat applications as recommended until the aerial parts of the crop die back naturally.</p> <p><b>Ground application:</b></p> <p><b>Low infection pressure:</b> Apply as a full cover spray in at least 500 ℓ water / ha. Use the lower rate of application under dry-land conditions and repeat treatments at 7 day intervals. The higher dosage rate may be used at 10 day intervals, or on irrigated crops.</p> <p><b>High infection pressure:</b> Apply as a full cover spray in 500 – 1 500 ℓ water / ha depending on the growth stage and density of the foliage. Repeat at 5 – 7 day intervals on dry-land and irrigated crops.</p> <p><b>Aerial application:</b></p> <p><b>Low infection pressure:</b> As above for <b>Ground application:</b> in 30 – 40 ℓ water / ha depending on the growth stage.</p> <p><b>High infection pressure:</b> As above for <b>Ground application:</b> in 30 – 40 ℓ water / ha depending on the growth stage.</p> <p><b>Centre Pivot Application:</b> Start application 2 weeks after emergence and do not exceed a 10 day spray interval. Continue application until aerial parts die back. (See centre pivot application under “<b>Directions for use</b>”).</p>

CROP (AND DISEASE)	DOSAGE (mℓ / 100 ℓ WATER; or ℓ / ha)	REMARKS
<b>Tomatoes:</b>  Early blight ( <i>Alternaria solani</i> );  Late blight ( <i>Phytophthora infestans</i> );  Leaf spot ( <i>Septoria spp.</i> )	210 mℓ / 100 ℓ water	<b>Ground application only:</b> Apply MONIKER 720 SC as a preventive treatment in a spray programme as detailed below:  <b>Low volume application:</b> <b>Low infection pressure:</b> Apply in up to 500 ℓ spray mixture / ha on mature plants every 10 – 14 days. <b>Do not apply less than 1.0 ℓ MONIKER 720 SC / ha on mature plants.</b> <b>High infection pressure:</b> As above, but applied every 7 – 10 days. <b>Do not apply less than 2 ℓ MONIKER 720 SC on mature plants.</b>
	380 mℓ / 100 ℓ water	<b>High infection pressure:</b> As above, but applied every 7 – 10 days. <b>Do not apply less than 2 ℓ MONIKER 720 SC on mature plants.</b>
	100 mℓ / 100 ℓ water	<b>High volume application:</b> Use on mature plants at spray volumes of ± 1 000 ℓ mixture / ha in high volume applicator, e.g., trellised tomatoes.  <b>Low infection pressure:</b> Apply at 10 – 14 day intervals. <b>Do not apply less than 1.0 ℓ MONIKER 720 SC / ha on mature plants.</b>
	190 mℓ / 100 ℓ water	<b>High infection pressure:</b> As above, but apply at 7 – 10 day intervals. <b>Do not apply less than 1.90 ℓ MONIKER 720 SC / ha on mature plants.</b>
Botrytis rot / Grey mould ( <i>Botrytis cinerea</i> )	300 – 550 mℓ / 100 ℓ water	If conditions favour an outbreak of Botrytis rot, or at the very first signs of a threat of the disease, apply immediately at the highest dosage rate recommended for the particular instance.  Repeat at 7 day intervals.  <b>Do not use less than 1,5 - 2,75 ℓ MONIKER 720 SC / ha on mature plants.</b>
<b>Ornamentals: Gladioli:</b> Botrytis leaf spot ( <i>Botrytis spp.</i> )  <b>Roses:</b> Black spot ( <i>Actinonema rosae</i> )	190 mℓ / 100 ℓ water	Apply <b>MONIKER 720 SC</b> as a preventive full cover spray when conditions favour the development of the disease. Do not apply during flowering.  Repeat at 7 – 14 day intervals.
	190 mℓ / 100 ℓ water	Apply <b>MONIKER 720 SC</b> as a preventive full cover spray when conditions favour the development of the disease.  Repeat at 7 – 14 day intervals.
<b>Lawns and turf:</b> Various diseases e.g., Brown patch ( <i>Rhizoctonia spp.</i> ); Dollar spot ( <i>Sclerotinia homoeocarpa</i> , <i>Rhizoctonia spp.</i> ); Fading out ( <i>Helminthosporium spp.</i> )	350 mℓ / 100 ℓ water	Commence application of <b>MONIKER 720 SC</b> as a preventive spray when conditions are favourable for the development of the diseases.  Apply 10 ℓ spray mixture / 100 m <sup>2</sup> , and repeat at 7 – 10 day intervals.
	520 mℓ / 100 ℓ water	Apply 10 ℓ spray mixture / 100 m <sup>2</sup> within a maximum of 7 days after the disease has appeared as a corrective treatment.  Thereafter commence with a preventive treatment programme as described above
<b>Cruciferae (Brassicac)</b> <b>White Blister</b> <i>(Albugo candida)</i>	2 ℓ/ha	Apply as a full cover preventive spray every 7 days when the weather favours the disease. Apply in 450 – 700 ℓ water/ha depending on the growth stage of the plants. Do not make more than two applications per growth cycle. Apply in an approved spray programme as recommended by your supplier.

**Explanatory note:** †FRAC = Fungicide Resistance Action Committee

Member of:



FARMAG INTERNATIONAL (PTY) LTD (PTY) LTD supports the responsible use of all agrochemicals in the interests of health, safety, and the environment.

READ the label; FOLLOW all instructions.

## WAARSKUWINGS:

- Laat die volgende minimum onthoudingsperiodes toe tussen die laaste toediening en oes of beweidings:

Aartappels, bone, pampoengewasse, tamaties .....	3 dae
Erte .....	6 dae
Boon-, erte- en grondboonhooi .....	42 dae
Koolgewasse (Brassicaceae).....	14 dae

**NOTA:** Nakoming van hierdie onthoudingsperiodes sal verseker dat residue nie meer as die plaaslike Maksimum Residu Limiete nie, maar aan die invoervereistes van ander lande mag dalk nie oorskry word nie. Indien die gewas wat behandel gaan word bestem is vir uitvoer, skakel met die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, maksimum residu vereistes en aanbevole onthoudingsperiodes.

- Hanteer versigtig.
- Skadelik indien ingeasem ofingesluk.
- Irriterend vir die vel, oë, neus en keel en veroorsaak velsensitiwiteit.
- Giftig vir vis en baie giftig vir ander water organismes.
- Berg ongebruikte **MONIKER 720 SC** dig toegemaak in hierdie houër in 'n koel, goed geventileerde bergplek weg van ander landboumiddels, voedsel, voer en voedingstowwe.
- Bêre buite die bereik van kinders, diere en oningeligte persone.

## Herbetreding:

- Moenie die behandelde gebied betree alvorens die spuitneerslag heeltemal droog is nie, tensy die beskermende oorklere gedra word soos wat aanbeveel is vir toediening van die spuitmengsel (kyk **VOORSORGMAATREÛLS**).

## Lugtoediening:

- Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis daarvan en reik die nodige waarskuwings uit.
- Moenie oor watermassas of nie-teikengebiede spuit nie, of toelaat dat spuitnevel daarheen oorwaai nie.
- Alle lugtoedienings van hierdie middel moet geskied volgens die voorskrifte van SABS Gebruikskode 0118 (nou genoem SANS 10118).

*Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie, aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van siekte teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan die omgewing of nadelige effek op mens of dier of vir 'n gebrek aan prestasie as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer of registrasiehouer in geval van enige onsekerheid.*

## VOORSORGMAATREÛLS:

- Moenie die spuitnevel inasem nie.
- Dra beskermende oorklere (gesigskermer en rubberhandskoene) wanneer die konsentraat gehanteer en die spuitmengsel voorberei word. Was besoedelde klere daagliks.
- Dra beskermende oorklere (oorpak, handskoene, neus- en mondbeskermer en stewels) wanneer die aangemaakte spuitmengsel toegedien word. Was besoedelde oorklere daagliks.
- Voorkom dat die middel in aanraking kom met die vel.
- Was met seep en water ná gebruik en toediening of ná toevallige kontak met die vel.
- Indien die oë besmet word, moet die oë met skoon lopende water gespoel word vir minstens 15 minute.
- Moenie eet, drink of rook terwyl die spuitmengsel aangemaak of toegedien word nie alvorens die hande en gesig nie eers gewas is nie.
- Voorkom die besoedeling van voedsel, eetgerei en drinkwater.
- Voorkom dat spuitnevel oorwaai na ander gewasse, weidings, watermassas en gebiede wat nie behandel word nie.
- Alle maatsilinders en toedieningsapparaat moet deeglik skoon gemaak word na gebruik en voor dit weer gebruik kan word. Alle spoelwater moet so vernietig word dat dit nie die omgewing of water bronne besoedel nie.
- Skoonmaak van die onmiddellike houër: Keer die leë houër om oor die spuitnevel en laat dit toe om vir minstens 30 sekondes leeg te drup na vloei tot 'n drup vermindert het. Spoel die leë houër dan drie maal uit met 'n volume water gelyk aan minstens 10 % van die van die houër. Gooi hierdie spoelwater by die inhoud van die spuitnevel waarna die houër vernietig moet word op die voorgeskrewe manier.
- Vernietig die uitgespoelde leë houër deur gate daarin te maak en dit plat te slaan. Begrawe die houër ten minste 50 cm diep in die grond en minstens 100 m weg van 'n boorgat of waterbron.
- Moet nooit die leë houër vir enige ander doel gebruik of hergebruik nie.

**WEERSTANDSWAARSKUWING:** Vir doeleindes van weerstandsbetuur, is **MONIKER 720 SC** 'n 1 FRAC groepkode M swamdoder – en spesifiek 'n groep M5. Alhoewel dit algemeen beskou word as 'n lae risiko groep en geen aanduidings van bestandheid al waargeneem is teen die meeste swamdoders nie, of ook nie kruisweerstand tussen lede van hierdie groep nie ( $M_1 - M_5$ ), word dit nietemin aanbeveel dat weerstand teen swamdoders vertrap moet word deur:

- Die uitsluitlike en herhaaldelike gebruik van swamdoders behorende tot dieselfde groepkode te vermyn.
- Afwisseling of die gebruik van tenkmengsels van middels van verskillende swamdoder groepkodes.
- Integrasie van chemiese middels en verbouingspraktyke in swamsiektebeheerprogramme.

Vir meer inligting oor weerstandsbetuur raadpleeg die registrasiehouer van **MONIKER 720 SC**.

## BYKOMENDE INLIGTING:

**Eienskappe van die produk:** Die aktiewe bestanddeel in **MONIKER 720 SC** beheer plantsiektes deur sy kontakwerking op verskillende



vindplekke op die plant. **MONIKER 720 SC** is dus doeltreffend as 'n voorkomende beheermaatreeël en moet as sulks toegedien word, 'n deeglike bedekking van die hele teikengebied deur volle dekbespuiting is 'n voorbehoud om beheer te kan verkry van die siektes genoem.

Om beheer te verkry moet 'n groot genoeg volume spuitmengsel toegedien word om deeglike bedekking van die hele plant te verkry: die stamme en beide oewervlakke van die blare. Gebruik spuittoerusting wat in staat is om die aanbevole volumes spuitmengsel te kan lewer teen 'n druk wat hoog genoeg is om algehele bedekking te kan lewer. As weerstoestande gunstig is vir die ontwikkeling en verspreiding van die veroorsakende siekteorganisme, soos klam, nat en vogtige weer, moet toedienings meer dikwels gemaak word (kyk **METODE VAN TOEDIENING** en **TOEDIENINGSHOEVEELHEDE**, hieronder).

Nietemin moet toedienings nooit meer as 21 dae uitmekaar gemaak word nie gedurende die groeiseisoen van die gewas.

Toedienings moet herhaal word as 12,5 mm of meer natuurlike of kunsmatige reën voorkom binne 3 dae (72 uur) nadat bespuit was.

#### **GEBRUIKSAANWYSINGS: Gebruik slegs soos voorgeskryf.**

- Dit is 'n oortreding van Goewermentskennisgewings R.1716 van 26 Julie 1991 en R.181 van 7 Februarie 2003 uitgereik kragtens die Wet op Misstawwe, Veevoedsel, Landboumiddels en Veemiddels, 1947 (Wet Nr. 36 van 1947), om hierdie middel te gebruik op 'n wyse wat strydig is met die etikettering daarvan, of om dit oor te gooi in enige ander houër.

**Mengbaarheid:** Die mengbaarheid van **MONIKER 720 SC** met ander produkte kan beïnvloed word deur die formulasie van die ander produkte asook die kwaliteit van die water. Aangesien die formulasie van produkte kan verander sonder die medewete van FarnAg International (Pty) Ltd en die kwaliteit van die water ook van plaas tot plaas kan verskil, moet 'n fisiese mengbaarheidstoets altyd uitgevoer word voordat toegedien word.

Tekens van nie-mengbaarheid tydens so 'n toets, kan onder andere wees dat die mengsels skei, uitvlokking of uitsakking van die mengsels.

#### **Mengvoorskrifte:**

- Maak die spuittenk halfvol skoon water.
- As slegs **MONIKER 720 SC** toegedien gaan word, meet die benodigde volume **MONIKER 720 SC** en meng dit vooraf met ten minste 10 ℓ water. Voeg hierdie mengsel by die inhoud van die spuittenk en roer die inhoud om vermenging te verseker.
- As **MONIKER 720 SC** met enige ander produk gemeng moet word, moet daar gelet word op die aanwysings onder die opskrif **Mengbaarheid:** hierbo aangegee. Meng die produkte in die volgende volgorde: stroomiddel – benatbare poeier – suspensiekonsentraat – emulgeerbare konsentraat – oplosbare konsentraat, na gelang van die geval.
- Indien enige ander produk met **MONIKER 720 SC** gemeng gaan word, meng die benodigde volume daarvan vooraf op dieselfde manier en voeg dit stadig by die inhoud van die spuittenk.
- Vul die spuittenk verder met skoon water tot die verlangde vlak terwyl voortdurend geroer word om deeglike vermenging te

verseker alvorens met toediening begin word.

- Handhaaf roering gedurende die hele mengproses en tydens toediening.
- Aangemaakte spuitmengsel moenie in die spuittenk gelaat word vir enige tydperk nie, bv., oornag.

#### **TOEDIENINGSMETODE:**

##### **Grondtoediening:**

- Dien die aangemaakte spuitmengsel toe deur middel van 'n trekkergeremonterde spuittoestel wat toegerus is met 'n hidrouliese spuitbalk met holkeel waaierspuit wat gekalibreer is om die aanbevole volume spuitmengsel per hektaar toe te dien.
- Alle toedienings moet gemaak word met geskikte toedienings-apparaat wat in goeie werkende toestand en korrek gekalibreer is om die verlangde bedekking op die teikengebied te verkry vir die aanbevole toedieningsmetode.
- Kyk ook **TOEDIENINGSHOEVEELHEDE** hieronder vir meer besonderhede wat betref die volumes benodig tydens toediening vir die verskillende gewasse.

##### **Lugtoediening:**

- **MONIKER 720 SC** mag alleenlik op boontjies, grondbone, ertjies en aartappels deur die lug toegedien word.

#### **Raadpleeg die MONIKER 720 SC verteenwoordiger voordat begin word met lugtoediening, of voordat dit gereël word.**

Lugtoediening mag slegs gedoen word deur 'n goedgekeurde plaagbeheeroperateur geregistreer in Veld (j): Lugtoediening (Wet Nr. 36 van 1947), en wat 'n geregistreerde en korrek gekalibreerde vliegtuig gebruik en wat die spuitmengsel toedien in ooreenstemming met Suid-Afrikaanse Nasionale Standaard 10118: Die Lugtoediening van Landboumiddels (voorheen: SABS Gebruikskode 0118). Dit is belangrik om te verseker dat die spuitmengsel eweredig oor die teikengebied versprei word en dat die verlies van spuitmengsel tydens toediening tot 'n minimum beperk word. Die volgende maatstawwe sal nagekom word.

#### **Toerusting:**

- Gebruik geskikte verstuwings-toerusting (hidrouliese spuitneuse of wentelende spuitkoppe) wat die vereiste druppelgrootte en bedekking van die teikengebied sal lewer en wat die minste verlies van spuitmengsel deur wegdrywing sal verseker.
- Die toediener moet 'n stelsel van spuitneuse gebruik wat 'n druppelspektrum met die kleinste maontlike relatiewe spanwydte sal lewer.
- Al die spuitneuse en spuitkoppe moet binne 75 % van die vliegtuig se vlerkspan geplaas word om die beweging van druppels in die vlerkspunte se warrelling te beperk.
- Dien toe in spuitbaanwydtes wat aanbeveel is vir die soort vliegtuig.

#### **Toedieningsvereistes:**

- 'n Minimum volume van 30 – 40 ℓ spuitmengsel per ha word aanbeveel. Aangesien hierdie produk nie teen 'n verlaagde spuitvolume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg of verantwoordelik gehou word vir enige nadelige effek indien hierdie produk teen 'n laer volume as hierbo aanbeveel, uit die lug toegedien word nie.
- 'n Druppelbedekking van 50 – 70 druppels per vk cm moet op die

teikenarea herwin word.

- 'n Druppelspektrum met 'n VMD van 250 mikron word aanbeveel. Verseker dat die produksie van fyn druppels (kleiner as 150 mikrons hoë drywing en verdampingspotensiaal) tot 'n minimum beperk word.
- Die hoogte van die spuitbalk moet tussen 3 en 4 m bo die teiken gehandhaaf word. Moet nie spuit wanneer die vliegtuig aan die bopunt van 'n draai is of tydens 'n duik of terwyl dit uitklim of draai nie.

#### **Meteorologiese toestande:**

- Die verskil in die lesings van die nat- en droëboltermeterlesings soos bepaal met 'n swaaighigrometer, moet nie 8 °C oorskry nie.
- Moenie tydens onstuimige, onstabiele weerstoestande of gedurende die hitte van die dag toedien wanneer stygende en dalende konveksiestrome voorkom nie.
- Moenie toedien tydens omgekeerde temperatuurtoestande nie, d.w.s., toediening in of bokant die inversielaag.
- Moenie toedien indien die windspoed 15 km/h oorskry nie.

**Grondbone:** Lugtoediening is nie 'n plaasvanger vir grondtoediening. Dit moet eerder gesien word as 'n gebeurlikheidsplan maatstaf wanneer grond aansoeke is onprakties as gevolg van ongunstige weerstoestande, bv baie nat toestande. Streng nakoming van al die bogenoemde plus die volgende spesifikasie is noodsaaklik vir 'n suksesvolle beheer:

1. Die spuitkoppe binne 0,5 m van die vlerkpunte moet afgesper en die res word toegerus met D 10 – 46 of D 12 – 56 kegeltipe spuitkoppe.
2. Die spuitkoppe moet gereël word in die gesig staar om die agterste en afwaarts teen 'n hoek van 45 ° vanaf die horisontale.
3. Pas in 'n minimum van 50 l water / ha.

Verky versekering van die lugbespuitingsoperateur te verky dat aan bogenoemde vereistes voldoen sal word. Alle toedienings moet gemaak word met geskikte toerusting wat in goeie werkende toestand en korrek gekalibreer is om die verlangde bedekking vir die betrokke toedieningsmetode.

#### **Spilpuntoediening: (Potatoes net)**

1. **MONIKER 720 SC** kan in aartappels via geskikte spilpunt sprinkelbesproeiing toerusting toegepas word.
2. Werk die spilpunt en spuit toerusting gebruik te maak van 'n positiewe verplasing meteringspomp by normale druk en verseker dat die vervaardiger se aanbevelings gevolg word.
3. Moet nie die besproeiingstelsel sonder veiligheidskleppe om terug te verhoed terugvloei en besoedeling van die waterbron.

4. Die beheermaatskappy tenk en injector moet gekoppel word aan die ontslag kant van die besproeiing lyn.
5. **MONIKER 720 SC** kan gedurende die normale besproeiingsiklus ingespuut of kan gebruik word as 'n aparte aansoek daarna of wanneer besproeiing is nie nodig nie.
6. Na die inspuiting siklus voltooi is, afgeskakel injector maar voortgaan om die spilpunt loop totdat **MONIKER 720 SC** deurgespoel het die stelsel.
7. Moenie tenkmengsels **MONIKER 720 SC** met ander landboumiddels of misstowwe.
8. Egalige watertoediening deur die spilpunt is noodsaaklik om te verseker dat deeglike bedekking oor die hele veld word verky deur **MONIKER 720 SC**.

**Kalibrasie vir spilpunt aansoek:** Vul tenk spuit toerusting met water. Spilpunt om die pomp te vereis instelling kalibreer vir 1 sirkel en meet tyd wat nodig is om siklus, die hoeveelheid water ingespuut sirkel en die omgewing (ha) gedek. Meng die aanbevole hoeveelheid **MONIKER 720 SC** vir die gebied wat gedek moet word in die dieselfde hoeveelheid water wat gebruik word tydens die kalibrasie en spuit deurlopend tydens 'n revolusie van die spilpunt.

#### **Algemeen:**

- **MONIKER 720 SC** moet toegedien word as 'n voorkomende bespuiting vir die beheer van die siekte genoem. Verseker goeie bedekking van die hele plant (die stingels en beide oppervlaktes van die blare) deur die gebruik van genoeg water en spuittoerusting wat in staat is van die behoud van 'n hoë druk is.
- Tydens nat of vogtige toestande wanneer die siektedruk is meer ernstige, aansoeke moet meer dikwels as wat tydens droër toestande, maar nie meer as 21 dae spuitintervalle. **MONIKER 720 SC** is reënvas 15 minute ná die spuitneerslag droog is nie.
- Reënval van tot 60 mm na hierdie tydperk verstryk het, sal 'n nadelige uitwerking op die doeltreffendheid van **MONIKER 720 SC** nie en sal 'n heraansoek nie noodsaak.
- Verseker dat die lewering van fyn druppels (met 'n VMD van minder as 150 mikron) tot 'n minimum beperk word.
- Die spuitbalk moet op 'n hoogte van 3 m bokant die teiken gehandhaaf word teen 'n windspoed van < 8 km/h, en 2 m bokant die teiken teen 'n windspoed van 8 – 15 km/h.
- Moet nie spuit wanneer die vliegtuig klim, aan die bopunt van 'n draai is of tydens 'n duik, of in skuinsvug nie.
- Sorg dat die lande akkuraat gemerk is en die lugtoediener presies weet water lande bespuit moet word.
- Verky versekering van die lugtoediener dat aan die bogenoemde vereistes voldoen sal word.

**TOEDIENINGSHOEVEELHEDE**

- Kyk **TOEDIENINGSMETODE** hierbo.

GEWAS (EN SIEKTE)	DOSIS (mℓ / 100 ℓ WATER; of ℓ / ha)	OPMERKINGS
<p><b>Bone:</b></p> <p>Roes (<i>Uromyces appendiculatus</i>)</p>	<p>0,7 – 1,4 ℓ / ha</p> <p>0,7 – 1,4 ℓ / ha</p> <p>1,4 ℓ / ha</p> <p>1,4 ℓ / ha</p>	<p>Dien toe as voorkomende spuitprogram elke 7 – 14 dae, of met die eerste tekens van 'n besmetting. Herhaal dan elke 7 – 14 dae as 'n spuitprogram.</p> <p><b>Droëlandverbouing: Grondtoediening:</b> Dien toe as 'n volle dekbespuiting in 250 – 500 ℓ water / ha, afhangende van die groeistadium van die gewas.</p> <p><b>Lugtoediening:</b> Soos hierbo vir Grondtoediening: in 30 – 40 ℓ water / ha, afhangende van die groeistadium.</p> <p><b>Besproeiingsverbouing: Grondtoediening:</b> Dien toe as 'n volle dekbespuiting in 250 – 500 ℓ water / ha, afhangende van die groeistadium.</p> <p><b>Lugtoediening:</b> Soos hierbo vir Grondtoediening: in 30 – 40 ℓ water / ha, afhangende van die groeistadium van die gewas.</p> <p><b>Moenie minder as 1,4 ℓ MONIKER 720 SC / ha op bone onder besproeiing toedien nie.</b></p>
<p><b>Pampoengewasse:</b></p> <p>Donsige skimmel (<i>Pseudoperonospora cubensis</i>);</p> <p>Antraknose (<i>Colletotrichum orbiculare</i>)</p>	<p>1 – 2 ℓ / ha</p>	<p><b>Grondtoediening alleenlik:</b></p> <p>Dien toe as 'n voorkomende behandeling elke 7 – 10 dae in minstens 500 ℓ water / ha om deeglike bedekking van beide oppervlakke van die blare te verseker. Gebruik die hoër toedieningsdosis wanneer weersomstandighede gunstig is vir die ontwikkeling van die siektes.</p>
<p><b>Grondbone:</b></p> <p>Blaarvlek (<i>Cercospora spp.</i>; <i>Phoma arachidicola</i>);</p> <p>Grys skimmel (<i>Botrytis cinerea</i>)</p>	<p>0,7 ℓ / ha</p> <p>1,5 ℓ / ha</p> <p>1,5 ℓ / ha</p>	<p><b>Droëlandverbouing: Grondtoediening:</b></p> <p><b>Lae besmettingsdruk:</b> Dien voorkomend toe as 'n volle dekbespuiting in minstens 500 ℓ water / ha teen 'n minimum druk van 500 kPa. Herhaal toedienings elke 10 – 14 dae.</p> <p><b>Hoë besmettingsdruk:</b> Verhoog die toedieningsdosis as toestande gunstig word vir die voorkoms en verspreiding van die siektes. Dien toe in 500 – 1 500 ℓ water / ha, afhangende van die gewas se groeistadium en lowerdigtheid.</p> <p><b>Besproeiingsverbouing: Grondtoediening:</b></p> <p>Let daarop dat die siektes baie vinnig kan opbou en versprei in die gewas wanneer dit onder besproeiing verbou word.</p> <p><b>MONIKER 720 SC</b> se werking van beheer is voorkomend van aard en met geen genesende werking onder sulke intensiewe verbouingspraktyke nie.</p> <p>Begin toedienings teen 6 – 10 weke ná plant, of selfs vroeër indien omstandighede gunstig is vir die ontwikkeling van die siektes. Hierdie aanvang van behandeling sal gewoonlik wees teen die middel tot einde van Desember.</p> <p>Dien toe as 'n volle dekbespuiting in 'n spuitprogram elke 7 – 14 dae.</p> <p>Dien toe in 500 – 1 500 ℓ water / ha afhangende van die gewas se groeistadium en lowerdigtheid. En teen 'n druk van minstens 500 kPa.</p> <p><b>Moet nie minder as 1,55 ℓ MONIKER 720 SC / ha toedien op die volgreoide gewas nie.</b></p>

GEWAS (EN SIEKTE)	DOSIS (mℓ / 100 ℓ WATER; of ℓ / ha)	OPMERKINGS
<p><b>Grondbone:</b> <i>(Vervolg)</i></p> <p>Blaarvlek <i>(Cercospora spp.; Phoma arachidicola);</i></p> <p>Grys skimmel <i>(Botrytis cinerea)</i></p>	1,55 ℓ / ha	<p><b>Lugtoediening:</b> Die lugtoediening van <b>MONIKER 720 SC</b> moet beskou word as 'n toediensmetode vir gebruik in sekere omstandighede en <b>nie</b> as 'n plaasvervanger vir grondtoediening nie, bv., tydens baie nat toestande wat grondtoediening onprakties maak as gevolg van swak weersomstandighede.</p> <p><b>Kyk Lugtoediening:</b> onder <b>TOEDIENINGSMETODE</b> hierbo.</p> <p>Ten einde die bes moontlike vlak van beheer met lugtoediening te kan bereik, moet die volgende bykomende maatreëls nagekom word.</p> <ul style="list-style-type: none"> <li>• Gebruik die smalste spuitbaanwydte vir die betrokke vliegtuig.</li> <li>• Gebruik spuitneuse met D10 – 46 of D12 – 56 spuitplaatjies en kerne.</li> <li>• Spuitneuse moet gestel word om met 'n hoek van 45° van horisontaal af na die agterkant van die vliegtuig te spuit.</li> <li>• Dien toe in minstens 50 ℓ water / ha.</li> <li>• Die spuitbalk moet 2 – 3 m bokant die gewas wees tydens toediening.</li> <li>• Staak toediening as die windspoed 10 km / h oorskry.</li> </ul>
<p><b>Erte:</b></p> <p>Blaar- en peulvlek <i>(Ascochyta spp.)</i></p>	<p>1,4 ℓ / ha</p> <p>1,5 ℓ / ha</p>	<p>Dien elke 10 – 14 dae toe as 'n voorkomende spuitprogram vanaf die vroeë blomstadium, of vanaf die eerste tekens van 'n besmetting.</p> <p><b>Grondtoediening:</b> Dien toe as 'n volle dekbespuiting in 500 – 1 000 ℓ water / ha, afhange van die groeistadium.</p> <p>Lugtoediening: Soos hierbo vir <b>Grondtoediening:</b> in 30 – 40 ℓ water / ha.</p>
<p><b>Aartappels:</b></p> <p>Vroeë roes <i>(Alternaria solani);</i></p> <p>Laat roes <i>(Phytophthora infestans)</i></p>	<p>0,7 – 1 ℓ / ha</p> <p>2 ℓ / ha</p> <p>1 ℓ / ha</p> <p>2 ℓ / ha</p> <p>2 ℓ / ha</p>	<p>Dien <b>MONIKER 720 SC</b> toe as 'n voorkomende behandeling in 'n gereelde spuitprogram, afgesien van die metode van toediening. Begin met toediensmetode wanneer die gewas in die blomstadium kom, of selfs vroeër as toestande gunstig is vir die ontwikkeling en verspreiding van die siektes.</p> <p>Herhaal toediensmetode soos aanbeveel totdat die bogrondse dele van die plant van nature terugsterf.</p> <p><b>Grondtoediening: Lae besmettingsdruk:</b> Dien toe as 'n volle dekbespuiting in minstens 500 ℓ water / ha. Gebruik die laer toediensdosis vir droëlandverbouing en herhaal toediensmetode elke 7 dae. Die hoër toediensdosis kan gebruik word om elke 10 dae te herhaal, of op oeste wat onder besproeiing verbou word.</p> <p><b>Hoë besmettingsdruk:</b> Dien toe as 'n volle dekbespuiting in 500 – 1 500 ℓ water / ha afhange van die groeistadium en digtheid van die lower. Herhaal elke 5 – 7 dae op droëland en besproeide gewasse.</p> <p><b>Lugtoediening: Lae besmettingsdruk:</b> Soos hierbo vir Grondtoediening: in 30 – 40 ℓ water / ha afhange van die groeistadium.</p> <p><b>Hoëbesmettingsdruk:</b> Soos hierbo vir Grondtoediening: in 30 – 40 ℓ water / ha afhange van die groeistadium.</p> <p><b>Spilpuntoediening:</b> Begin die spuitprogram 14 dae na-opkoms. Moet nie langer as 10 dae tussen toediensmetode toelaat nie. Gaan voort met spuitprogram tot wanneer bogrondse plantegroei begin terugsterf. Verwys ook "<b>GEBRUIKSAANWYSINGS, Spilpuntoediening</b>".</p>

GEWAS (EN SIEKTE)	DOSIS (mℓ / 100 ℓ WATER; of ℓ / ha)	OPMERKINGS
<b>Tamaties:</b> Vroeë roes ( <i>Alternaria solani</i> ); Laat roes ( <i>Phytophthora infestans</i> ); Septoria blaarvlek ( <i>Septoria spp.</i> )	210 mℓ / 100 ℓ water	Grondtoediening alleenlik: Dien <b>MONIKER 720 SC</b> toe as 'n voorkomende behandeling in 'n spuitprogram soos hieronder aanbeveel. <b>Lae volume toedienig: Lae besmettingsdruk:</b> Dien toe tot 500 ℓ spuitmengsel / ha op volgroeide plante elke 10 – 14 dae. Moenie minder as 1,0 ℓ <b>MONIKER 720 SC</b> / ha op volgroeide plante gebruik nie.
	380 mℓ / 100 ℓ water	<b>Hoë besmettingsdruk:</b> Soos hierbo, maar dien elke 7 – 10 dae toe. <b>Moenie minder as 2,0 ℓ MONIKER 720 SC / ha op volgroeide plante gebruik nie.</b>
	100 mℓ / 100 ℓ water	<b>Hoë volume toediening:</b> Gebruik tot 1 000 ℓ spuitmengsel / ha met hoë volume toediening, bv., as opgeleide tamaties verbou word. <b>Lae besmettingsdruk:</b> Dien elke 10 – 14 dae toe. <b>Moenie minder as 1,0 ℓ MONIKER 720 SC / ha gebruik op volgroeide tamaties nie.</b>
	190 mℓ / 100 ℓ water	<b>Hoë besmettingsdruk:</b> Soos hierbo, maar dien elke 7 – 10 dae toe. <b>Moenie minder as 2,0 ℓ MONIKER 720 SC / ha gebruik op volgroeide tamaties nie.</b>
Grys skimmel ( <i>Botrytis cinerea</i> )	300 – 550 mℓ / 100 ℓ water	Indien toestande gunstig is vir die ontwikkeling van grys skimmel of as die eerste tekens van die siekte se voorkoms opgelet word, moet die hoogste toedieningsdosis onmiddellik toegedien word vir die betrokke omstandigheid. Herhaal elke 7 dae. <b>Moenie minder as 1,5 - 2,75 ℓ MONIKER 720 SC / ha gebruik op volgroeide tamaties nie.</b>
<b>Sierplante: Swaardleies</b> Grys skimmel ( <i>Botrytis spp.</i> )	190 mℓ / 100 ℓ water	Dien <b>MONIKER 720 SC</b> toe as 'n voorkomende dekbespuiting wanneer toestande gunstig is vir die ontwikkeling van die siekte. Moet nie gedurende blom toedien nie. Herhaal toedienings elke 7 – 14 dae.
	<b>Roses:</b> Swartvlek ( <i>Actinonema rosae</i> )	190 mℓ / 100 ℓ water
<b>Grasperke en grasbane:</b> Verskeie siektes, bv., Bruinvlek ( <i>Rhizoctonia spp.</i> ); Dollar vlek ( <i>Sclerotinia homoeocarpa</i> , <i>Rhizoctonia spp.</i> ); Wegsterwing ( <i>Helminthosporium spp.</i> )	350 mℓ / 100 ℓ water	Begin <b>MONIKER 720 SC</b> toedien as 'n voorkomende behandeling wanneer toestande gunstig is vir die ontwikkeling van die siekte. Dien 10 ℓ van die spuitmengsel toe / 100 m <sup>2</sup> , en herhaal elke 7 – 10 dae.
	520 mℓ / 100 ℓ water	Dien 10 ℓ van die spuitmengsel toe / 100 m <sup>2</sup> binne ten minste 7 dae nadat die siekte begin voorkom het as 'n genesende behandeling. Volg daarna 'n voorkomende behandelingsprogram soos hierbo beskryf.
<b>Kooldgewasse:</b> Witroes ( <i>Albugo candida</i> )	2 ℓ/ha	Dien toe as 'n voorkomende bespuiting elke 7 dae wanneer die weer gunstig vir die siekte. Dien toe in 450 – 700 ℓ water / ha afhangende van die groeistadium van die plante. Moet nie meer as twee toedienings per groeisyklus nie. Dien toe in 'n goedgekeurde spuitprogram soos aanbeveel deur die verskaffer.

**Verduidelikende nota:** <sup>1</sup>FRAC = Fungicide Resistance Action Committee

Lid van:



FARMAG INTERNATIONAL (PTY) LTD (EDMS) BPK onderskryf die verantwoordelike gebruik van alle landbouchemikalieë in die belang van gesondheid, veiligheid en die omgewing.

LEES die etiket; VOLG die aanwysings.





# MONIKER 720 SC

Reg No./Nr.: L 9966: Act/Wet 36 of/van 1947

A suspension concentrate contact fungicide for the preventive control of diseases mentioned in beans, cucurbits, groundnuts, peas, potatoes, tomatoes, and ornamentals (gladioli, roses, lawns and turf).

'n Suspensiekonsentraat swamdoder met kontakwerking vir die voorkomende beheer van plantsiektes soos genoem in aartappels, bone, erte, grondbone, pampoengewasse, tamaties, en sierplante (rose, swaardlelies, grasperke en grasbane).

<b>FRAC<sup>+</sup> FUNGICIDE GROUP CODE</b>	<b>M5</b>	<b>FRAC<sup>+</sup> SWAMDODER GROEPKODE</b>
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## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Chlorothalonil (chloronitrite) .....720 g/l ..... Chlorotalonil (chloronitriet)

Manufacture Date:  
Vervaardigingsdatum

Batch No.:  
Lotnommer

NET CONTENTS/NETTO INHOUD

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS  
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

REGISTRATION HOLDER/REGISTRASIEHOUER:

**CEDAR FALL PROPERTIES 130 (Pty) Ltd**

Co. Reg. No./Mpy. Reg. Nr.: 2006/031383/07

22 Burnside Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4000 • Tel: 031 538 8700

UN No.: 3082



**HARMFUL  
SKADELIK**



