Clortosip® RL

Registration No. L8316 Act No. 36 of 1947

Registrasie Nr. L8316 Wet No. 36 van 1947

A suspension concentrate contact fungicide for the preventive control of diseases as listed on potatoes.

'n Suspensiekonsentraat kontak swamdoder vir die voorkomende beheer van siektes soos aangedui op aartappels.

FUNGICIDE GROUP M5/M1 SWAMDODERGROEP

Active Ingredient:		Aktiewe Bestanddeel:
Chlorothalonil (guanidine)	**280g/ℓ**	Chlorotalonil (guanidine)
Copper oxychloride (inorganic)	**210 g/ℓ**	Koperoksichloried (anorganies)
(metallic copper equivalence: 150g/ℓ)		(kopermetaalekwivalent: 150 g/ℓ)

Net Volume **20 ℓ** **Netto Volume**

Registered by :
Sipcam Southern Africa (Pty) Ltd
Co.Reg.No. 96/09324/07
P.O. Box 516, Suider Paarl 7624

Clortosip® is the registered trade mark of SIPCAM S.p.A. Milan, Italy

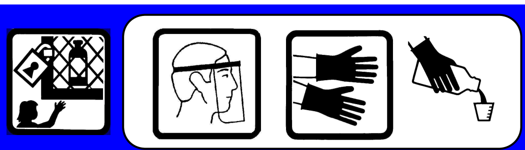
Geregistreer deur:
Sipcam Southern Africa (Edms) Bpk
Mpy.Reg.Nr 96/09324/07
Posbus 516, Suider-Paarl 7624

Clortosip® is die geregistreerde handelsmerk van SIPCAM S.p.A. Milan, Italië

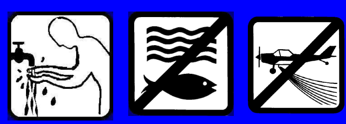
Batch number **Lotnommer**

Date formulated **Datum geformuleer**

UN Number 3082 **VN Nommer 3082**



CAUTION
VERSIGTIG



WARNINGS

- Allow the following number of days between last application and harvesting:
  Potatoes - 14 days
- Irritating the skin, eyes, nose and throat.
- May be harmful when inhaled or swallowed.
- Do not use on hydroponically or container grown crops.
- Store in a dry place away from food and feeds.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- Keep out of reach of children, animals and uninformed persons.
- Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label, and the occurrence of resistance of the disease organisms against the remedy concerned 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 animal or for lack of performance of the remedy concerned due to failure of 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

- Avoid prolonged contact with or inhalation of the liquid or spay mist.
- Wear rubber gloves and face shield when handling concentrates.
- Wash with soap and plenty of cold water if skin is contaminated.
- Prevent drift of spray mist onto other crops, grazing, rivers and dams and areas not under treatment.
- Avoid contamination of food, feeds, drinking water and eating utensils.
- Rinse empty container three times as follows: invert container over spray or mixing tank and allow to drain for at least 30 seconds after flow has slowed down to a drip. Thereafter rinse with a volume of water equal to at least one tenth of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container. Do not use empty container for any other purpose.
- Clean application equipment after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

DIRECTIONS FOR USE: Use only as directed

Compatibility

If Clortosip RL is used in tank mixtures with other agrochemical products, a physical compatibility test should always be carried out prior to application. Small quantities of the different products should be mixed with water at the concentrations indicated on product labels. Add these mixtures together while agitating and check for any signs of incompatibility such as flocculation, settling etc.
Use all products according to their registration instructions.

Mixing instructions

Half fill the spray tank with clean water. After shaking the Clortosip RL can, mix the required quantity of Clortosip RL with a small quantity of water and then add the thin paste to the water in the spray tank whilst vigorous agitation is maintained. Add the balance of the water to the spray tank. Continue agitation when applying.

Application

Apply as a full cover preventive spray. Ensure complete spray cover of both upper and lower leaf surfaces. Reduce spray intervals under wet humid conditions. Even under dry conditions longest indicated intervals between sprays should not be exceeded.

Low infection: Application using the lower dosage rate may be considered, providing the weather conditions do not favour the development of the disease.

High infection: Application using the higher rate and shorter spray interval should be applied when weather conditions favour the rapid spread of the disease.

All 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.

RECOMMENDATIONS:

CROP / DISEASE	DOSAGE	DIRECTIONS FOR APPLICATION
POTATOES Early Blight (*Alternaria*) Late Blight (*Phytophthora*)	Apply as a preventive spray programme, starting normally when the plants come into flower or when conditions favour spread of the disease. Continue application until tubers are ready for lifting.	
	2,5 ℓ / ha	**Low infection**: As above and repeat every 10 days. Apply as a full cover spray in not less than 500 ℓ water/ha.
	3,5 ℓ / ha	**High infection**: As above and repeat application every 5 - 7 days. Apply as a full cover spray in not less than 500-1500 ℓ water/ha depending on the plant size and foliage density.

WAARSKUWINGS

- Laat die volgende aantal dae tussen laaste toediening en oes toe:
- Aartappels -14 dae
- Irriterend vir die vel, oë, neus en keel.
- Kan skadelik wees as dit ingeasem of ingesluk word.
- Moenie gebruik word op gewasse wat in hidroponiese stelsels of in potte groei nie.
- Stoor in 'n droë plek weg van voedsel en voer.
- Herbetreding: Moet nie behandelde area betree alvorens spuitneerslag droog is tensy beskermende klere gedra word nie.
- Hou buite bereik van kinders, diere en oningeligte persone.
- Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasie houer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale klimaats- en bergingstoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die siekteorganismes teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestand wat nie kragtens die registrasie voorsien kan word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREëLS

- Vermy langdurige kontak of inaseming van vloeistof of spuitnewel.
- Dra rubberhandskoene en gesigskerm wanneer konsentraat hanteer word.
- Was besoedelde veloppervlak met seep en baie koue water.
- Voorkom wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en areas nie onder behandeling nie.
- Vermy besoedeling van voedsel, voer, drinkwater en eetgerei.
- Spoel die leë houer drie keer uit as volg: Keer houer om oor spuit- of mengtenk en dreineer vir minstens 30 sekondes na vloei tot 'n drup verminder het. Spoel die houer daarna uit met 'n volume water gelykstaande aan ten minste 'n tiende van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word. Moenie leë houer vir geen ander doel gebruik nie.
- Maar toedieningsapparaat skoon na gebruik en moet nie gewasse, weiding, riviere en damme met waswater besoedel nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.
Verenigbaarheid

Indien Clortosip RL in tenkmengsels met ander landbouchemiese produckte gebruik word, moet 'n fisiese verenigbaarheidstoets gedoen word voor toediening. Meng klein hoeveelhede van die produkte met water teen konsentrasie wat op die etikette aangedui word. Voeg die mengsels bymekaar terwyl geroer word en let op vir enige tekens van onverenigbaarheid soos flokkulasie, vorming van neerslag ens. Gebruik alles middels volgens hulle registrasie-instruksies.

Menginstruksies
Skud die CLORTOSIP RL houer om inhoud te meng Maak spuittenk half vol met skoon water.. Meng die benodigde hoeveelheid CLORTOSIP RL eers met 'n klein bietjie water tot 'n dun pasta alvorens dit by die water in die spuittenk gevoeg word. Deurentyd, ook tydens toediening moet deeglike roering gehandhaaf word.

Toediening
Dien toe as 'n volle bedekking, voorkomende bespuiting en verseker volledige bedekking van beide oppervlakke van blare. Bespuit meer dikwels onder nat, vogtige toestande, of minder dikwels onder droë toestande. Moet egter nie die langste periode aangedui tussen toediengings oorskry nie.

Lae infeksie: Toediening teen die lae dosis kan oorweeg word, wanneer weersomstandighede die ontwikkeling van die siekte nie begunstig nie.
Hoë infeksie: Toediening met die hoë dosis en korter spuitintervalle moet geskied sodra weersomstandighede die vinnige ontwikkeling van die siekte begunstig.

Alle toedienings moet met geskikte toerusting wat in goeie werkende toestand en korrek gekalibreer is gemaak word ten einde die verlangde bedekking te gee vir die betrokke toedieningsmetode.

GEWAS / SIEKTE	DOSIS	GEBRUIKSAANWYSINGS
AARTAPPELS	Dien as 'n voorkomende spuitprogram toe wat gewoonlik begin wanneer die plante begin blom of wanneer weersomstandighede gunstig is vir die ontwikkeling van siektes. Hou aan met die spuitprogram totdat die knolle volgroeid is.	
Vroeëroes *(Alternaria)* Laatroes (*Phytophthora*)	**GRONDBESPUITING:**	
	2,5 ℓ / ha	**Lae infeksie:** Soos hierbo en herhaal die bespuiting elke 10 dae. Dien toe as 'n volle dekbespuiting in nie minder as 500 ℓ water / ha nie.
	3,5 ℓ / ha	**Hoë infeksie:** Soos hierbo maar herhaal elke 5 – 7 dae. Dien toe as 'n volle dekbespuiting in nie minder as 500 – 1500 ℓ water / ha nie, afhangende van plantgrootte en blaardigtheid.