



Reg. No. L 8549, N-AR 1830 Act No. 36 of 1947 / Reg. Nr. L 8549, N-AR 1830 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Group/Groep	NC	Fungicide/Swamdoder
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A WATER-SOLUBLE POWDER, CONTACT FUNGICIDE FOR THE CONTROL AND SUPPRESSION OF DISEASES ON AGRICULTURAL CROPS AS LISTED.

'N WATER OPLOSBAAR, POEIER KONTAK-SWAMDODER VIR DIE BEHEER EN ONDERDRUKKING VAN SWAMME IN LANDBOUGEWASSE SOOS AANGEDUI.

NOT CLASSIFIED AS HAZARDOUS IN TERMS OF GHS.

Active Ingredient / Aktiewe Bestanddeel:
Potassium Bicarbonate..... 850 g/kg.....Kaliumbikarbonaat



Registration Holder / Registrasiehouer: N Laboratories (PTY) LTD • Reg No.: 2015/165672/07
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IN CASE OF POISONING, CALL THE FOLLOWING EMERGENCY NUMBER / IN GEVAL VAN VERGIFTIGING, SKAKEL DIE VOLGENDE NOODNOMMER 082 446 8946 / 0861 555777
Agri-Cure SP® is a registered trademark of N Laboratories (PTY) LTD / Agri-Cure SP® is 'n geregistreerde handelsmerk van N Laboratories (EDMS) BPK.

Net Volume:
10 kg



ZAR 003

WARNINGS:

- **GHS Hazard Statement:**

Pictogram and Signal word	Hazard Statement
Not Classified as Hazardous	Not Classified as Hazardous

Withholding period - Minimum time between last application and harvest:

Apple, Bean, Beetroot, Berry, Canola, Carrot, Citrus, Cucurbit, Lettuce, Mango, Macadamia, Pecan, Potato, Soybean, Stone Fruit, Table and Wine Grapes0 days

Re-entry interval: Do not enter the treated area until the spray deposit has dried unless wearing protective clothing.

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 against the remedy concerned as well as by the method, time and accuracy of the application. Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal, or 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:

- **GHS Precautionary Statements:**

P102	Keep out of reach of children.
P234	Keep only in original packaging.
P261	Avoid breathing dust.
P270	Do not eat, drink or smoke when using this product.
P302 P350	IF ON SKIN: Gently wash with plenty of soap and water.
P304 P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P402 P404	Store in a dry place. Store in a closed container.

- Store in the original labelled container only.
- Wear gloves and a face shield when handling.
- Wash hands and face before eating, drinking, smoking or using the toilet.
- Avoid spray drift onto adjacent crops, grazing, rivers and dams.
- Clean applicators before using for other remedies and ensure disposal of wash water does not contaminate crops, grazing, rivers, dams and water sources.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils during handling, storage or disposal.
- Clean the empty bag as follows: Shake all the product out of the bag into the spray or mixing tank. Turn the bag inside out, hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Do not bury, burn or donate the bag to any other parties that may use it as a container for foodstuffs. These bags cannot be recycled and must be incinerated by a licensed incineration facility.

DIRECTIONS FOR USE:

- Use only as indicated on this label.

Agri-Cure SP® is a water soluble powder that should be mixed with water and applied as a foliar spray with equipment equipped for conventional fungicide application.

Compatibility:

- Ensure compatibility by preparing a small-scale test mixture before a large-scale field application.
- Consult the labels of the products with the recommendations for which Agri-Cure SP® can be used with. However, since it is not possible for N Laboratories (Pty) Ltd to test all possible combinations, it is the responsibility of the user to carry out a compatibility test in the event of any uncertainty.
- When Agri-Cure SP® is used in mixtures with other remedies, observe the label **WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE** as indicated for these remedies.
- Do not mix with other herbicides unless physical and chemical compatibility has been confirmed.
- Consult the supplier for the latest information on the compatibility of Agri-Cure SP®.

Mixing: Fill the spray tank with water to about half of the total spray volume required. Start agitation and add the required amount Agri-Cure SP® to the spray tank. Continue mixing and agitation while filling the spray tank to the required spray volume. Maintain sufficient agitation during application to ensure uniformity of the spray mix. Do not allow water or spray mixture to back-siphon into the water source.

If spraying and agitation must be stopped before the spray tank is empty, settled materials must be re-suspended before spraying is resumed. A backflow sparger agitator at the bottom of the tank is particularly useful for this purpose.

Do not mix with other soluble pesticides or fertilizers not compatible with mild alkaline solutions. The addition of surfactant or wetting agent to spray is not required. The product is pre-formulated with these products for the best results. Do not adjust spray solution pH after mixing of product. Acidification of solution will cause reduced product performance. Agri-Cure SP® is compatible with sulfur, copper, SBF (potassium phosphite), Incite® (*Bacillus methylotrophicus*) and Mprove Oil®.

Please note: Reduced water temperature reduces solubilization rate, thus longer mixing times are required when extremely cold water is used.

Application: Proper application techniques help ensure thorough spray coverage and the correct dosage necessary to obtain optimum control of diseases. The following recommendations are provided for the effective application of Agri-Cure SP®. To ensure adequate spray coverage, attention should be given to ground speed and calibration, wind speed and foliar canopy.

Application for Row Crops: Use conventional ground spray equipment calibrated to provide thorough coverage of the target crop. Align the boom and nozzles to obtain uniform coverage of the target crop. Under certain conditions, nozzles on drop arms may be required to obtain uniform crop coverage. Use hollow cone nozzles suitable for fungicide spraying. Follow manufacturer's recommendations for ideal nozzle spacing, pressure and boom height.

Tree Row Volume (TRV):

High volume - the water volume to be applied/ha should be calculated according to the Tree Row Volume (TRV) formula:

$$L/ha = \frac{\text{Tree height} \times \text{Tree diameter} \times 937}{\text{Row width}}$$

TRV is the water volume required when the trees are in full leaf. Use this water volume required/ha to calculate the amount of Agri-Cure SP® required/ha at various growth stages of a tree during the season.

The following water requirements/ha are recommended according to the different growth stages of a tree:

Growth Stage	% High Volume Water Requirement/ha
From green tip to start of flowering	60%
From start of flowering to end of flowering	80%
From end of flowering to harvest	100%

Low volume

When Agri-Cure SP® is applied as a low volume spray (LVS) ensure the correct amount of product as calculated for high volume is applied/ha.

Crop and Disease	Dosage/100 L Water	Remarks
Apple: Scab <i>Venturia inaequalis</i> Powdery mildew <i>Podosphaera leucotricha</i>	300-500 g or LVS ha Rate: 2.0-7.0 kg/ha or TRV Rate: 100-200 g/100 L or with Sulfoman® 100-200 g Agri-Cure SP® + 100-200 ml of Sulfoman®	Apply as a full cover spray. Commence application at green tip and apply in a program at 7 day intervals up to the end of blossoming. Apply at 7-14 day intervals during the post-blossom stages. Use lower rate/100 L of water in a preventative program and in conditions with low disease pressure. Use higher rates/100 L of water in a curative program and in conditions which favour high disease pressure. Do not use Sulfoman® on sulfur sensitive varieties.
Bean: Rust <i>Uromyces appendiculatus</i>	250-500 g Agri-Cure SP® + SBF ₅₅₅ 250-500 ml 1.0-5.0 kg/ha	Commence spraying at the first signs of disease or first flowering appears and repeat at 7 day intervals. Dosage depends on plant density and size. Use enough water to ensure thorough wetting 100-1000 L/ha.

Crop and Disease	Dosage/100 L Water	Remarks
Beetroot: Cercospora <i>Cercospora beticola</i>	1000 g 2.5-5.0 kg/ha	Apply as a portion of a spray program as a full cover spray at a min of 250-500 L/ha spray mixture. Can be applied every 7 days. Apply a min of 2 consecutive Agri-Cure SP® sprays to ensure effective control of the disease. Start application when the disease is first noticed. Alternatively apply as a follow-up application in a set spray program. The volume of spray mixture to be applied/ha depends on the plant size and plant density. Start with a min of 250 L/ha spray mixture on young plants and increase volume up to 500 L/ha as plant size increases.
Berry: Blackberry, Blueberry, Boysenberry, Cranberry, Currants, Gooseberry, Grapes, Raspberry, Strawberry Powdery mildew <i>Oidium tuckeri</i> , <i>Sphaerotheca pannosa</i>	500 g 2.5-5.0 kg/ha	Apply as a portion of a spray program as a full cover spray at a min of 500-1000 L/ha spray mixture. Can be applied every 7 days. Apply a min of 2 consecutive Agri-Cure SP® sprays to ensure effective control of the disease. Start application when the disease is first noticed. Alternatively apply as a follow-up application in a set spray program. The volume of spray mixture to be applied/ha depends on the plant size and plant density. Start with a min of 500 L/ha spray mixture on young plants and increase volume up to 1000 L/ha as plant size increases.
Canola: Sclerotinia stem rot <i>Sclerotinia sclerotiorum</i>	300 g Agri-Cure SP® + 625 ml-1.25 L Incite®/100 L or 600 g-1.2 kg Agri-Cure SP® + 1.25 L-2.5 L Incite®/ha	Apply in a preventative spray program as Agri-Cure SP® and Incite® are contact fungicides at min of 200-400 L/ha. This will depend on the canopy of the canola in various regions. Apply at first signs of disease or at 50% flowering if no disease is present and repeat 7-21 days later. If weather conditions favour disease development (temperatures of 15-28°C and high humidity) use the shorter interval.

Crop and Disease	Dosage/100 L Water	Remarks
Carrot: Alternaria <i>Alternaria dauci,</i> <i>Alternaria radicina</i>	1000 g 2.5-5.0 kg/ha	Apply as a portion of a spray program as a full cover spray at a min of 250-500 L/ha spray mixture. Can be applied every 7 days. Apply a min of 2 consecutive Agri-Cure SP® sprays to ensure effective control of the disease. Start application when the disease is first noticed. Alternatively apply as a follow-up application in a set spray program. The volume of spray mixture to be applied/ha depends on the plant size and plant density. Start with a min of 250 L/ha spray mixture on young plants and increase volume up to 500 L/ha as plant size increases.
Citrus: Black spot <i>Phyllosticta citricarpa,</i> <i>Guignardia citricarpa</i>	100-200 g	Start applications before mid-October. Apply 4 or more high volume sprays at 25 day intervals during the susceptible period from October to end December. During a high rainfall season a 5th application may be necessary.
Cucurbit: Powdery mildew <i>Sphaerotheca fuliginea,</i> <i>Erysiphe cichoracearum</i>	500 g 2.5-5.0 kg/ha	Apply as a portion of a spray program as a full cover spray at a min of 500-1000 L/ha spray mixture. Can be applied every 7 days. Apply a min of 2 consecutive Agri-Cure SP® sprays to ensure effective control of the disease. Start application when the disease is first noticed. Alternatively apply as a follow-up application in a set spray program. The volume of spray mixture to be applied/ha depends on the plant size and plant density. Start with a min of 500 L/ha spray mixture on young plants and increase volume up to 1000 L/ha as plant size increases.
Lettuce: Powdery mildew <i>Golovinomyces cichoracearum</i>	1000 g 2.5-5.0 kg/ha	Apply as a portion of a spray program as a full cover spray at a min of 250-500 L/ha spray mixture. Can be applied at 7 day intervals. Apply a min of 2 consecutive Agri-Cure SP® sprays to ensure effective control of the disease. Start application when the disease is first noticed. Alternatively apply as a follow-up application in a set spray program. The volume of spray mixture to be applied/ha depends on the plant size and plant density. Start with a min of 250 L/ha spray mixture on young plants and increase volume up to 500 L/ha as plant size increases.

Crop and Disease	Dosage/100 L Water	Remarks
Macadamia: Suppression of Dry flower/ blossom blight <i>Cladosporium cladosporioides</i> , <i>Pestalotiopsis macadamiae</i> , <i>Neopestalotiopsis macadamiae</i>	250-500 g	Apply as a preventative spray program at first blossom before first sign of disease, repeat application every 7-14 days.
Mango: Bacterial spot <i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i> Suppression of Powdery mildew <i>Oidium mangiferae</i>	500 g or with Incite® 250-500 g/100 L Agri-Cure SP® + 250-500 ml/100 L Incite® 300-500 g	First application at beginning of flower, repeat application every 7-14 days. Apply as a full cover spray, thorough coverage of all fruit and leaf surfaces is essential to ensure max efficacy. Commence application at candle stage and apply in a program at 7-14 day intervals up to the end of blossoming. Apply at 7-14 day intervals during the post-blossom stages. Use lower rate/100 L of water in a preventative program and in conditions with low disease pressure. Use higher rates/100 L of water in a curative program and in condition which favour high disease pressure.
Pear: Scab <i>Venturia pyrina</i>	300-500 g 2.0-7.0 kg/ha	Apply as a full cover spray. Commence application at green tip and apply in a program at 7 day intervals up to the end of blossoming. Apply at 7-14 day intervals during the post-blossom stages. Use 300 g/100 L of water in a preventative program and in conditions with low disease pressure. Use 500 g/100 L of water in a curative program and in conditions which favour high disease pressure.
Pecan: Scab <i>Cladosporium caryigenum</i>	300-500 g 3.0-5.0 kg/ha	Start applications before mid-October. Apply 3 high volume sprays at 21-30 day intervals during the susceptible period from October to end December. During a high rainfall season, a 4 th application may be necessary.

Crop and Disease	Dosage/100 L Water	Remarks
Potato: Early blight <i>Alternaria solani</i> Late blight <i>Phytophthora infestans</i>	500-1000 g 2.5-5.0 kg/ha 500-1000 g 2.5-5.0 kg/ha or with SBF₅₅₅ 2.0 kg/ha Agri-Cure SP® + 3 L SBF₅₅₅	Apply in a preventative spray program schedule as a full cover spray. Start application at 90% emergence. Repeat at 7 day intervals as required. The volume of the spray mixture to be applied/ha depends on the plant size and density. Start with a min of 250 L/ha spray mixture on young plants and increase volume up to 500 L/ha as the plant size increases.
Soybean: Asian soybean rust <i>Phakopsora pachyrhizi</i>	0.5-1.0 kg	Apply in a preventative spray program schedule as a full cover spray as Agri-Cure SP® is a contact fungicide 200-1000 L/ha. Depending on the canopy of the soybeans in various regions. Apply at first signs of disease or at flowering if no disease is present and repeat 7-21 days later. If weather conditions favour disease development (temperatures of 15-28°C and high humidity) use the shorter interval. For season long control of foliar diseases, it is important that a spray program be used.
Stone Fruit: Apricot, Cherry, Nectarine, Peach, Plum, Prune Gum spot <i>Cladosporium carpophilum</i> Brown rot <i>Monilinia fructicola</i>	300-500 g 3.0-5.0 kg/ha 500-1000 g 5.0-10.0 kg/ha	Start 2 applications in Autumn just after harvest and at 75% leaf drop. Then start in spring with Copperman® at first bud movement follow up with Agri-Cure SP® at 80% petal fall. Two further applications at 7-14 days intervals if necessary. For plums commence spraying from mid-December and apply 2 sprays at 7-10 day intervals. Begin application at petal fall and continue 2-3 applications at weekly intervals. If gum spot program was followed or spray program was followed. Make the following additional applications at 14, 7, 3, and or 1 day before harvest depending on the disease pressure. Use lower rate/100 L of water in a preventative program and in conditions with low disease pressure. Use higher rate/100 L of water in a curative program and in conditions which favour high disease pressure.

Crop and Disease	Dosage/100 L Water	Remarks
Table and Wine Grapes: Powdery mildew <i>Oidium tuckeri</i>	300-500 g 2.5-5.0 kg/ha or with Sulfoman® 150-300 g Agri-Cure SP® + 100-200 ml Sulfoman®/ (1.5-3.0 kg/ha Agri-Cure SP® + 1.0-2.0 L/ha Sulfoman®) or with Incite® 150-300 g Agri-Cure SP® + 250-500 ml of Incite®/ (1.5-3.0 kg/ha Agri-Cure SP® + 2.5-5.0 L/ha Incite®)	Apply in a preventative spray program schedule in a sufficient water volume to achieve thorough coverage of all foliage and fruit. The volume of water required to achieve this will depend on the stage of vine vigour and growth. Adjust spray nozzles to direct spray droplets to the canopy present. Apply the higher rate of application where the following applies: • Where humid conditions favour powdery mildew infection, particularly on susceptible varieties. • At the start of the season when there has been a heavy carry over of powdery mildew infection. Do not exceed 500 L/ha spray application. Warning: Do not use Sulfoman® on sulfur sensitive varieties.
Downey mildew <i>Plasmopara viticola</i>	300-500 g 2.5-5.0 kg/ha or with SBF₅₅₅ 200 g Agri-Cure SP® + 500 ml SBF₅₅₅/ (2 kg/ha Agri-Cure SP® + 5.0 L/ha SBF₅₅₅) or with Incite® 150-300 g Agri-Cure SP® + 250-500 ml of Incite®/ (1.5-3.0 kg/ha Agri-Cure SP® + 2.5-5.0 L/ha Incite®)	Commence spraying when the first shoots are 50-100 mm long and repeat every 7 days or as often as required. Use the lower rate for low disease pressure and the higher rate for high disease pressure.

Copperman® (L10962 - 180 g/L Copper hydroxide), Incite® (L10965 - 2 x 10⁹ cfu/ml *Bacillus methylotrophicus*), SBF₅₅₅ (L10835 - 555 g/L Potassium phosphite), Sulfoman® (L10963 - 800 g/L Sulfur) and MProve Oil® (L9668 - 850 g/L Soybean oil) are registered trademarks of N Laboratories (PTY) LTD and registered under Act No. 36 of 1947.



Product approved for the use in organic farming according to Reg. (EC) 889/2008. Annex II; Potassium Bicarbonate, NOP: §205.601(i)(9) & 205.206(e) and JAS: Not. 1605, Table 2 by CERES GmbH

WAARSKUWINGS:

- GHS-Gevaarstelling:

Piktogram en Seinwoord	Gevaarstelling
Nie as gevaarlik geklassifiseer nie	Nie as gevaarlik geklassifiseer nie

Weerhoudingsperiode - Minimum tyd tussen laaste aanwending en oestyd:

Aartappel, Appel, Beet, Bessie, Blaarslaai, Bone, Kanola, Makadama, Mango, Pampoengewasse, Peer, Pekanneut, Sitrus, Sojaboon, Steenvrugte, Tafel en Wyndruive, Wortel
0 dae

Wagperiode: Moenie behandelde area binnegaan totdat spuitstof droog is nie behalwe as beskermende klere gedra word.

Alhoewel hierdie middel aan uitgebreide toetse onder 'n verseidenheid van toestande onderwerp is, kan die registrasiehouer nie waarborg dat dit effektief sal wees onder alle omstandighede nie, omdat die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale klimaat- en bergingstoestande; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe nie aangedui op die etiket nie, en die weerstand van die siekte teen die betrokke middel asook die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer ook nie verantwoordelikheid vir enige skade aan gewasse, plantegroei, die omgewing of die nadelige uitwerking op mens of dier nie, of vir die onvermoë van die betrokke middel om te presteer nie, as gevolg van die gebruiker se versuim om die etiket se aanwysings te volg of vir die voorkoms van toestande wat nie voorsien kon word in terme van die registrasie nie. Raadpleeg die verskaffer indien daar enige onsekerheid is.

VOORSORGMAATREËLS:

- GHS-Voorsorgverklarings:

P102	Hou buite bereik van kinders.
P234	Hou slegs in oorspronklike verpakking.
P261	Vermyn inasem van stof.
P270	Moenie eet, drink of rook wanneer hierdie produk gebruik word nie.
P302 P350	INDIEN OP DIE VEL: Was liggies met baie seep en water.
P304 P340	INDIEN INGEASEMING: Verwyder persoon na vars lug en hou gemaklik om asem te haal.
P305 P351 P338	AS IN DIE OË: Spoel versigtig met water vir 'n paar minute. Verwyder kontaklense indien teenwoordig en maklik om te doen. Hou aan uitspoel.
P402 P404	Berg in 'n droë plek. Berg in 'n geslote houer.

- Berg slegs in oorspronklike gemerkte houer.
- Dra handskoene en 'n gesigmasker gedurende hantering.
- Was hande en gesig voordat daar geëet, gedrink, gerook of die toilet besoek word.
- Verseker dat sprei nie wegdryf na aangrensende gewasse, weiding, riviere of damme nie.
- Was toerusting voordat dit gebruik word vir ander middels en verseker dat die waswater wat weggegooi word nie gewasse, weiding, riviere, damme of waterbronne besoedel nie.
- Voorkom die besoedeling van kos, voer, drinkwater en eetgerei tydens hantering, berging en vernietiging.
- Maak die leë sak soos volg skoon: Skud al die produk uit die sak in die spuit- of mengtenk. Draai die sak na binne, hou die sak oor die spuit- of mengtenk en spoel die sak dertig sekondes met lopende water. Skud die spoel af in die tenk. Herhaal die spoel twee keer. Moenie die sak begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir voedsel mag gebruik nie. Hierdie sakke kan nie herwin word nie en moet deur 'n gelisensieerde verbrandingsfasiliteit verbrand word.

• GEBRUIKSAANWYSINGS:

- Gebruik slegs soos aangedui op hierdie etiket.

Agri-Cure SP® is 'n water oplosbare poeier wat gemeng moet word met water en toegedien word as 'n blaarbedekking met konvensionele toerusting vir swamdoders.

Verenigbaarheid:

- Verseker verenigbaarheid deur 'n kleinskaalse toetsmengsel voor te berei voor 'n grootskaalse veldtoediening.
- Raadpleeg die etikette van die produkte met die aanbevelings waarvoor Agri-Cure SP® gebruik kan word. Aangesien dit egter nie vir N Laboratories (Edms) Bpk. moontlik is om alle moontlike kombinasies te toets nie, is dit die gebruiker se verantwoordelikheid om 'n verenigbaarheidstoets uit te voer in geval van enige onsekerheid.
- Wanneer Agri-Cure SP® in mengsels met ander middels gebruik word, let op die etiket **WAARSKUWINGS, VOORSORGMATREËLS** en **GEBRUIKSAANWYSINGS** soos aangedui vir hierdie middels.
- Moet nie met ander onkruidodders meng nie, tensy fisiese en chemiese verenigbaarheid bevestig is.
- Raadpleeg die verskaffer vir die nuutste inligting oor die verenigbaarheid van Agri-Cure SP®.

Meng: Vul die spuitnek met water tot omtrent die helfte van die totale spuitvolume wat benodig word. Begin roer en voeg die benodigde hoeveelheid Agri-Cure SP® by die spuitnek. Hou aan met meng en roer terwyl die spuitnek gevul word tot by die vereiste volume. Handhaaf genoegsame roering gedurende toediening om eenvormigheid van spuitmengsel te verseker. Moenie water of spuitmengsel toelaat om terug te loop in die waterbron in nie.

Indien die spuit- en roeraksie onderbreek moet word voordat die spuitnek leeg is, moet die materiale wat afgesak het eers weer deeglik gemeng word voordat besproeiing hervat word. 'n Terugvloeipyp met sywaartse uitlate op die bodem van die tenk is besonder handig vir hierdie doel.

Moenie met ander oplosbare plaagdoders of kunsmis meng wat nie verenigbaar is met ligte alkaliese mengsels nie. Die byvoeging van benattingsagente om te spuit is nie nodig nie. Die produk is vooraf geformuleer met hierdie produkte vir die beste resultate. Moenie die pH van die spuitmengsel verander nadat dit gemeng is nie. Versuring van die mengsel sal tot verlaagde produkprestasie lei. Agri-Cure SP® is vermengbaar met swael, koper, SBF (kaliumfosfiet), Incite® (*Bacillus methylotrophicus*) en Mprove Oil®.

Let wel: Verlaagde watertemperatuur verlaag die oplosbaarheidstempo, dus word langer mengtye benodig wanneer uiters koue water gebruik word.

Aanwending: Behoorlike toedieningstegnieke verseker dat 'n deeglike bedekking asook die korrekte dosis verkry word wat nodig is vir die optimale beheer van siektes. Die volgende aanbevelings word verskaf vir die effektiewe aanwending van Agri-Cure SP®. Om genoegsame bedekking te verseker moet aandag gegee word aan grondspoed en kalibrasie, windspoed en blaarbedekking.

Aanwending vir Rygewasse: Gebruik konvensionele grondbespuitingstoerusting wat gekalibreer is om deeglike bedekking aan die gewasse te verskaf. Stel die spuitbalk en spuitkoppe op om eenvormige bedekking te verseker. Onder sekere omstandighede mag spuitkoppe op val-arms nodig wees om eenvormige bedekking te verseker. Gebruik keëlvormige hol spuitkoppe wat geskik is vir die spuit van swamdoders. Volg die vervaardiger se aanbevelings vir die beste spuitkopspasiëring, druk en spuitbalkhoogte.

Boomryvolume (BRV):

Hoë volume - die watervolume wat/ha toegedien word, moet volgens die Boomryvolume (BRV) formule bereken word:

$$\frac{L/ha = \text{Boomhoogte} \times \text{Boomdeursnee} \times 937}{\text{Rywydte}}$$

BRV is die watervolume wat benodig word wanneer die bome in volle blad is. Gebruik hierdie watervolume/ha om die hoeveelheid Agri-Cure SP® te bereken wat/ha benodig word tydens verskillende groeistadia van 'n boom gedurende 'n groeiseisoen.

Die volgende watereiseite/ha word aanbeveel volgens die verskillende groeistadiums van 'n boom:

Groeistadium	% Hoë Volume Waterbehoefte/ha
Vanaf groenpunt tot begin van blom	60%
Vanaf begin van blom tot einde van blom	80%
Vanaf einde van blom tot oes	100%

Lae volume:

Wanneer Agri-Cure SP® as 'n lae volume bespuiting (LVB) toegedien word, moet seker gemaak word dat die regte hoeveelheid produk/ha toegedien word soos bereken deur die hoë volume behoefte.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Aartappel: Laatroes <i>Phytophthora infestans</i> Vroeë roes <i>Alternaria solani</i>	500-1000 g 2.5-5.0 kg/ha of met SBF ₅₅₅ 2.0 kg/ha Agri-Cure SP® + 3 L/ha SBF ₅₅₅ 500-1000 g 2.5-5.0 kg/ha	Dien toe in 'n voorkomende spuitprogramskedule as 'n voldekkbespuiting. Begin toediening by 90% opkoms. Herhaal met 7 dae intervalle soos benodig word. Die volume spuitmengsel wat/ha aangewend moet word, hang af van die plantgrootte en plantdigtheid. Begin met 'n min van 250 L/ha spuitmengsel op jong plante en vermeerder volume tot en met 500 L/ha namate die plantgrootte toeneem.
Appel: Poeieragtige meeldou <i>Podosphaera leucotricha</i> Skurfsiekte <i>Venturia inaequalis</i>	300-500 g of LVB ha Dosis: 2.0-7.0 kg/ha of BRV Dosis: 100-200 g/100 L of met Sulfoman® 100-200 g Agri-Cure SP® + 100-200 ml Sulfoman®	Dien toe as 'n voldekkbespuiting. Begin toediening by groenpuntstadium en dien toe in 'n program met 7 dae intervalle tot die einde van blom. Dien toe na blom met 7-14 dae intervalle toe. Gebruik lae dosis/100 L water in 'n voorkomende spuitprogram en in lae siekte druk toestande. Gebruik hoë dosis/100 L water in 'n genesende spuitprogram of in toestande wat hoë siekte druk bevorder. Moenie Sulfoman® toedien op kultivars wat sensitief is teenoor swael nie.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Beet: Cercospora <i>Cercospora beticola</i>	1000 g 2.5-5.0 kg/ha	Dien toe as 'n gedeelte van 'n spuitprogram as 'n voldekbepuiting teen 'n min van 250-500 L/ha spuitmengsel. Kan elke 7 dae toegedien word. Dien 'n min van 2 opeenvolgende Agri-Cure SP® bespuitings toe om effektiewe beheer van die siekte te verseker. Begin toediening by eerste tekens van siekte. Alternatiewelik kan 'n bespuiting gedoen word as 'n opvolgtoediening in 'n vaste spuitprogram. Die hoeveelheid spuitmengsel wat/ha toegedien word, hang af van plantgrootte en plantdigtheid. Begin met 'n min van 250 L/ha spuitmengsel op jong plante en verhoog volume tot 500 L/ha namate plantgrootte toeneem.
Bessie: Aarbei, Bloubessie, Boysenbessie, Framboos, Krismis, Kruisbessie, Rooibosbessie, Swartbessie Poeieragtige skimmel <i>Oidium tuckeri</i> <i>Sphaerotheca pannosa</i>	500 g 2.5-5.0 kg/ha	Dien toe as 'n gedeelte van 'n spuitprogram as 'n voldekbepuiting teen 'n min van 500-1000 L/ha spuitmengsel. Kan elke 7 dae toegedien word. Dien 'n min van 2 opeenvolgende Agri-Cure SP® bespuitings toe om effektiewe beheer van die siekte te verseker. Begin toediening by eerste tekens van siekte. Alternatiewelik kan 'n bespuiting gedoen word as 'n opvolgtoediening in 'n vaste spuitprogram. Die hoeveelheid spuitmengsel wat/ha toegedien word, hang af van plantgrootte en plantdigtheid. Begin met 'n min van 500 L/ha spuitmengsel op jong plante en verhoog volume tot 1000 L/ha namate plantgrootte toeneem.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Blaarslaai: Poeieragtige skimmel <i>Golovinomyces cichoracearum</i>	1000 g 2.5-5.0 kg/ha	Dien toe as deel van 'n spuitprogram as 'n voldekbespuiting teen 'n min van 250-500 L/ha spuitmengsel. Kan elke 7 dae toegedien word. Dien 'n min van 2 opeenvolgende Agri-Cure SP® bespuitings toe om effektiewe beheer van die siekte te verseker. Begin toediening by eerste tekens van siekte. Alternatiewelik kan 'n bespuiting gedoen word as 'n opvolgtoediening in 'n vaste spuitprogram. Die hoeveelheid spuitmengsel wat/ha toegedien word, hang af van plantgrootte en plantdigtheid. Begin met 'n min van 250 L/ha spuitmengsel op jong plante en verhoog volume tot 500 L/ha namate plantgrootte toeneem.
Bone: Roes <i>Uromyces appendiculatus</i>	250-500 g Agri-Cure SP® + 250-500 ml SBF _{SSS} 1.0-5.0 kg/ha	Begin toediening by eerste tekens van siekte of eerste blom verskyn en herhaal met 7 dae intervalle. Dosis hang af van plantdigtheid en grootte. Gebruik genoeg water om deeglike benatting te verseker 100-1000 L/ha.
Kanola: Sclerotinia stam vrot <i>Sclerotinia sclerotiorum</i>	300 g Agri-Cure SP® + 625 ml-1.25 L Incite®/100 L of 600 g-1.2 kg Agri -Cure SP® + 1.25-2.5 L Incite®/ha	Dien toe in 'n voorkomende spuitprogram aangesien Agri-Cure SP® en Incite® beide kontak swamdoders is teen 200-400 L/ha afhangend van die digtheid van die blaarbedekking in die onderskeidelike areas. Begin toediening by eerste tekens van siekte of by 50% blom indien geen siekte teenwoordig is nie en herhaal 7-21 dae later. As die weerstoestand gunstig is vir die ontwikkeling van siektes (temperatuur van 15-28°C en hoë humiditeit) gebruik die korter interval.
Makadamia: Onderdrukking van Bloeiselskroei <i>Cladosporium cladosporioides</i> , <i>Pestalotiopsis macadamiae</i> , <i>Neopestalotiopsis macadamiae</i>	250-500 g	Dien toe as 'n voorkomende spuitprogram met die eerste blom voor die eerste teken van siekte, herhaal toediening elke 7-14 dae.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Mango: Bakteriese vlek <i>Xanthomonas citri</i> pv. <i>mangiferaeindicae</i> Onderdrukking van Poeieragtige skimmel <i>Oidium mangiferae</i>	500 g of met Incite® 250-500 g/100 L Agri-Cure SP® + 250-500 ml/100 L Incite® 300-500 g	Eerste toediening aan die begin van blom, herhaal toediening elke 7-14 dae. Dien toe as 'n voldekkbespuiting. Deeglike bedekking van alle vrugte en blaaroppervlaktes is noodsaaklik om maksimum doeltreffendheid te verseker. Begin toediening tydens kersstadium en dien toe in 'n program met 7-14 dae tussenposes tot aan die einde van blomtyd. Dien toe met intervalle van 7-14 dae gedurende die na-blomstadiums. Gebruik 'n laer dosis/100 L water in 'n voorkomende program en in toestande met lae siektedruk. Gebruik hoër dosis/100 L water in 'n genesende program en in toestande wat hoë siektedruk bevoordeel.
Pampoengewasse: Poeieragtige skimmel <i>Sphaerotheca fuliginea</i> <i>Erysiphe cichoracearum</i>	500 g 2.5-5.0 kg/ha	Dien toe as deel van 'n spuitprogram as 'n voldekkbespuiting teen 'n min van 500-1000 L/ha spuitmengsel. Kan elke 7 dae toegedien word. Dien 'n min van 2 opeenvolgende Agri-Cure SP® spuitmengsels toe om effektiewe beheer van die siekte te verseker. Begin toediening by eerste tekens van siekte. Alternatiewelik kan 'n bespuiting gedoen word as 'n opvolgtoediening in 'n vaste spuitprogram. Die volume spuitmengsel wat/ha aangewend moet word, hang af van die plantgrootte en plantdigtheid. Begin met 'n min van 500 L/ha spuitmengsel op jong plante en vermeerder volume tot en met 1000 L/ha namate die plantgrootte toeneem.
Peer: Skurfsiekte <i>Venturia pyrina</i>	300-500 g 2.0-7.0 kg/ha	Dien toe as 'n voldekkbespuiting. Begin toediening by groenpunt en dien toe in 'n program met intervalle van 7 dae tot aan die einde van blom. Dien toe met intervalle van 7-14 dae gedurende die na-blomstadiums. Gebruik 300 g/100 L water in 'n voorkomende program en in toestande met lae siektedruk. Gebruik 500 g/100 L water in 'n genesende program en in toestand wat hoë siektedruk bevorder.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Pekanneute: Skurfsiekte <i>Cladosporium caryigenum</i>	300-500 g 3.0-5.0 kg/ha	Begin Agri-Cure SP® toedienings voor middel Oktober. Dien 3 hoë volume bespuitings toe met 21-30 dae intervalle gedurende die vatbare tydperk vanaf Oktober tot einde Desember. Tydens 'n hoë reënvalseisoen kan 'n 4^{de} toediening nodig wees.
Sitrus: Swartvlek <i>Phyllosticta citricarpa</i> , <i>Guignardia citricarpa</i>	100-200 g	Begin toedienings voor middel Oktober. Dien 4 of meer hoë volume bespuitings toe met 25 dae intervalle gedurende die vatbare tydperk vanaf Oktober tot einde Desember. Gedurende 'n hoë reënvalseisoen kan 'n 5^{de} toediening nodig wees.
Sojabone: Roes <i>Phakopsora pachyrhizi</i>	0.5-1.0 kg	Dien toe in 'n voorkomende spuitprogram skedule as 'n voldekbepuiting aangesien Agri-Cure SP® 'n kontak swamdoder is teen 200-1000 L/ha afhangend van die digtheid van die blaarbedekking in die onderskeidelike areas. Dien toe by eerste tekens van siekte of by blom indien geen siekte teenwoordig is nie en herhaal 7-21 dae later. As die weerstoestand gunstig is vir die ontwikkeling van siektes (temperatuur van 15-28°C en hoë humiditeit) gebruik die korter interval. Vir seisoenlange beheer van blaarsiektes is dit belangrik dat 'n spuitprogram gebruik word.
Steenvrugte: Appelkoos, Kersie, Nektarien, Perske, Pruim, Pruimedant Gom vlek <i>Cladosporium carpophilum</i> Bruin vrot <i>Monilinia fructicola</i>	300-500 g 3.0-5.0 kg/ha 500-1000 g 5.0-10.0 kg/ha	Begin 2 toedienings in Herfs net na oes en by 75% blaar val. Hervat bespuitings in Lente met Copperman® met eerste bot beweging en volg op met Agri-Cure SP® by 80% blom val. Twee verdere toedienings met 7-14 dae intervalle kan gedoen word indien nodig. Begin bespuitings vir pruime vanaf middel Desember en dien 2 bespuitings toe met 7-14 dae intervalle. Begin toediening by blomval en spuit 2-3 toedienings weekliks. Indien 'n gom vlek spuit program gevolg was maak adisionele toedienings by 14, 7, 3 en/of 1 dag voor oes, afhangend van siekte druk. Gebruik lae dosis/100 L water in 'n voorkomende spuitprogram en in lae siekte druk toestand. Gebruik hoe dosis/100 L water in 'n genesende spuitprogram of in toestand wat hoë siekte druk bevorder.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Tafel en Wyndruiwe: Dons skimmel <i>Plasmopara viticola</i>	300-500 g 2.5-5.0 kg/ha of met SBF₅₅₅ 200 g Agri-Cure SP® + 500 ml SBF₅₅₅/(2.0 kg/ha + 5.0 L/ha SBF₅₅₅) of met Incite® 150-300 g Agri-Cure SP® + 250-500 ml Incite® / (1.5-3.0 kg/ha Agri-Cure SP® + 2.5-5.0 L/ha Incite®)	Begin toediening wanneer die eerste lote 50-100 mm lank is en herhaal elke 7 dae of so dikwels as wat nodig is. Gebruik die laer dosis vir lae siektedruk en die hoër dosis vir hoë siektedruk.
Poeieragtige skimmel <i>Oidium tuckeri</i>	300-500 g 2.5-5.0 kg/ha of met Sulfoman® 150-300 g Agri- Cure SP® + 100-200 ml Sulfoman®/ (1.5-3.0 kg/ha Agri-Cure SP® + 1.0-2.0 L/ha Sulfoman®) of met Incite® 150-300 g Agri-Cure SP® + 250-500 ml Incite®/ (1.5-3.0 kg/ha Agri-Cure SP® + 2.5-5.0 L/ha Incite®)	Dien toe in 'n voorkomende spuitprogram in genoeg water om behoorlike bedekking van blare en bessies te kry. Die volume water benodig hiervoor sal afhang van die groeistadium en groeikragtigheid van die wingerd. Pas spuitpunte aan om die spuitdruppels direk na die blaarbedekking te rig. Pas die hoër dosis toe waar die volgende van toepassing is: •Waar vogtige toestande poeieragtige skimmel-infeksie bevoordeel, veral op vatbare variëteite. •Aan die begin van die seisoen as daar 'n swaar oordrag van poeieragtige skimmel-infeksie was. Moenie 500 L/ha spuit toediening oorskry nie. Waarskuwing: Moenie Sulfoman® toedien op kultivars wat sensitief is teen oor swael nie.

Gewas en Siekte	Dosis/100 L Water	Opmerkings
Wortel: Alternaria <i>Alternaria dauci,</i> <i>Alternaria radicina</i>	1000 g 2.5-5.0 kg/ha	Dien toe as 'n gedeelte van 'n spuitprogram as 'n voldekbepuiting teen 'n min van 250-500 L/ha spuitmengsel. Kan elke 7 dae toegedien word. Dien 'n min van 2 opeenvolgende Agri-Cure SP® bespuitings toe om effektiewe beheer van die siekte te verseker. Begin toediening by eerste tekens van siekte. Alternatiewelik kan 'n bespuiting gedoen word as 'n opvolgtoediening in 'n vaste spuitprogram. Die hoeveelheid spuitmengsel wat/ha toegedien word, hang af van plantgrootte en plantdigtheid. Begin met 'n min van 250 L/ha spuitmengsel op jong plante en verhoog volume tot 500 L/ha namate plantgrootte toeneem.

Copperman® (L10962 - 180 g/L Copper hydroxide), Incite® (L10965 - 2×10^9 cfu/ml *Bacillus methylotrophicus*), Sulfoman® (L10963 - 800 g/L Sulfur) is geregistreerde handelsmerke van N Laboratories (EDMS) BPK en geregistreer onder Wet Nr. 36 van 1947. SBF₅₅₅ (L10835 - 555 g/L Potassium phosphite) is geregistreer onder Wet Nr. 36 van 1947.



Produk goedgekeur vir gebruik in organiese boerdery volgens Reg. (EC) 889/2008. Bylae II; Kaliumbikarbonaat, NOP: §205.601(i)(9) & 205.206(e) en JAS: Nie. 1605, Tabel 2 deur CERES GmbH