PROSPER®
500 EC

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

Reg. No. L6252 (Act No. 36 of 1947)
Namibian Reg. No. N-AR1376

A systemic emulsifiable concentrate fungicide for the control of powdery mildew on the crops listed.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L6252 (Wet Nr. 36 van 1947)
Namibiese Reg. Nr. N-AR1376

'n Sistemiese emulgeerbare konsentraat swamdoder vir die beheer van poeieragtige skimmel op die gewasse soos genoem.

FUNGICIDE GROUP CODE 5 SWAMDODERGROEPKODE

Active ingredient:
Spiroxamine (spiroketalamine).........500 g/ℓ

Aktiewe bestanddeel:
Spiroksamien (spiroketalamien)....500 g/ℓ

REGISTERED BY / GEREGISTREER DEUR:
Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143
Isando
1600 South Africa/Suid-Afrika
TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911
IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: (021) 931-6129

Prosper® is a registered trademark of the Bayer Group
Prosper® is 'n geregistreerde handelsmerk van die Bayer Groep
© Bayer (Pty) Ltd

BATCH NUMBER:
LOTNOMMER: See on pack

DATE OF MANUFACTURE:
DATUM VERVAARDIG: Sien op houer

Bayer

RSA/0318/Prosper 500EC 5L/Label and Booklet
Code: 84964018C

BAYER

PROSPER®
500 EC

Fungicide

A systemic emulsifiable concentrate fungicide for the control of powdery mildew on the crops listed.

Packaging / Verpakking:
5 L

HARMFUL
SKADELIK

Swamdoder

PROSPER® 500 EC

WAARSKUWINGS:
WYNDRUIWE: LAAT 21 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.
TAFELDRUIWE: MOET NIE TOEDIEN NA DIE BEGIN VAN DIE BLOMSTADIUM NIE.
ERTE: LAAT 7 DAE TOE TUSSEN LAASTE TOEDIENING EN OES.

LET WEL: Die aanbevole onthoudingsperiode tussen laaste toediening en oes voldoen aan die vereistes vir plaaslike residuvlakke maar mag dalk nie voldoen aan die vereistes vir uitvoer nie. Indien die behandelde gewas bestem is vir die uitvoermark, skakel met die betrokke uitvoerliggaam voor toediening van die produk, rakende onthoudingsperiodes.

Prosper 500 EC is getoets op die volgende roos cultivars: Cora Marie, Pernille Poulsen, Papa-Meilland, Limona, Peoples Princess, Iceburg en Jack Dayson.
Giftig wanneer deur die mond ingeneem word. Giftig vir vis en wild.
Prosper 500 EC irriteer oë, vel en slymvliese.
Bewaar in 'n koel plek weg van voedsel en voer.
Hou buite bereik van kinders, oningeligte persone en diere.
In die geval van vergiftiging ontbied 'n geneesheer en toon etiket aan hom/haar.
HERBETREDING: Moet nie behandelde gebied betree vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.
LUGBESPUITING: Stel alle inwoners van die onmiddellike gebied wat bespuit gaan word in kennis en rig die nodige waarskuwings. Moenie oor water en aangrensende gebiede spuit nie en sorg dat spuitstofwegdrywing nie dergelike gebiede besoedel nie. Verwys ook na die SANS Gebruikskode vir lugtoediening van landbouchemikalieë.

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 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 SIEKTE 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 TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREËLS:
Verhoed inaseming van dampe en spuitmis.
Dra rubberhandskoene, stewels en gesigskerm wanneer spuitmengsel voorberei word en rubberhandskoene en gesigskerm tydens bespuiting.
Was besoedelde klere daagliks.
Was met seep en water na gebruik.
Moenie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.
Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, weiding, riviere en damme kan besoedel nie.
Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die houer en voeg die uitspoelwater by die inhoud van die spuittenk voordat van die houer op die voorgeskrewe metode ontslae geraak word.
Vernietig leë houer deur gate in te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie.
Vermy wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

SIMPTOME VAN VERGIFTIGING:
Geen simptome bekend nie.

NOODHULPBEHANDELING:
Algemene advies: Beweeg uit die gevaar area uit. Verwyder onmiddellik besmette klere en raak op 'n veilige manier daarvan ontslae. Plaas die pasiënt op sy/haar sy en vervoer in 'n stabiele posisie.
Inaseming: Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum. Verskuif na vars lug. Hou die pasiënt warm en rustig.
Velkontak: Was deeglik af met seep en genoegsame water, indien beskikbaar met poli-etileenglikol 400 en spoel hierna af met water.
Oogkontak: Verwyder kontaklense na die eerste 5 minute en hou aan om die oë uit te spoel.
Ingesluk: MOET NIE braking veroorsaak nie. Spoel mond uit. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum.

NOTA AAN GENEESHEER:
Behandeling: Eenvoudige hulp, ontsmetting en simptomaties behandeling. Maagspoeling en dan geaktiveerde houtskool (karbo medisalis) en natrium sulfaat.

WEERSTANDSBESTUUR:
Prosper 500 EC is 'n groepkode 5 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **Prosper 500 EC** of enige ander groepkode 5 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Prosper 500 EC** of enige ander groepkode 5 swamdoder beheer word nie.
Om weerstand teen swamdoders te vertraag:
- Vermy die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde swamdoder groepkode. Wissel af met produkte in verskillende swamdoder groepkodes soos triasole (DMI swamdoders), strobilurienes, ens. Moet nie meer as **DRIE Prosper 500 EC** bespuitings per seisoen toedien nie.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siekte beheer programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

LUGTOEDIENING:
Prosper 500 EC kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial Application of Agricultural Pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:
- **Volume:** 'n Spuitmengsel volume van 30 ℓ per ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- **Druppel bedekking:** 25 tot 35 druppels per cm^2 moet op die teikenarea herwin word.

Swamdoder

- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 280 tot 300 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** ·Handhaaf die hoogte van die spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- Gebruik geskikte **atomiseringsapparaat** wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binnste 60 tot 75 % van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteks** beweeg.
- Die verskil in **temperatuur** tussen die nat- en droëboltermometer van 'n swaaihigrometer, moet nie 8 °C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/h oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur **inversie toestande** (deur bo of binne die inversie laag te spuit) en/of **hoë lugvog toestande** (relatiewe humiditeit 80 % en meer) mag tot volgende probleme aanleiding gee:
  - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
  - skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die Lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID:
Prosper 500 EC kan op wingerd in tenkmengsels met enige een van die volgende gebruik word: **Teldor 500 SC** (Reg. Nr. L6250), **Milraz 76 WP** (Reg. Nr. L2879), **Bulldock Beta 125 SC** (Reg. Nr. L7612), **Dithane WG** (Reg. Nr. L4213), **Thionex SC** (Reg. Nr. L4671), **Demildex** (Reg. Nr. L5094), **Flowable Sulphur** (Reg. Nr. L142), **Folpan WP** (Reg. Nr. L4663), **Nitrophoska Foliar** (Reg. Nr. K2427), **Spraybor** (Reg. Nr. B2414), **mangaan sulfaat** en **sink oksied**. Tenkmengsels van **Prosper 500 EC** met ander produkte op wingerd word nie aanbeveel nie. Bayer (Edms) Bpk. aanvaar egter nie verantwoordelikheid vir die plantverdraagsaamheid van tenkmengsels nie indien die formulasies van die produkte verander het nie.
Laat 7 dae toe tussen die toediening van **Prosper 500 EC** en produkte nie hierbo genoem nie. Moenie **Prosper 500 EC** saam met benattings-/kleefmiddels of as 'n tenkmengsel met spoor- of makro-elemente op wingerd toedien nie.

MENGINSTRUKSIES:
Voeg die benodigde hoeveelheid **Prosper 500 EC** by die water in die spuittenk terwyl dit geroer word.
Moenie die **Prosper 500 EC** spuitmengsel vir enige tydsduur voor gebruik laat oorstaan nie. Moenie brakwater gebruik nie.

GEWAS/SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
TAFELDRUIWE Poeieragtige skimmel *(Oidium tuckeri)*	**HOË VOLUME TOEDIENING** 10-14 dae program: 60 mℓ/100 ℓ water (300-600 mℓ/ha)	Begin met toediening wanneer die lote ±2-5 cm lank is en herhaal met tussenposes soos aangedui. **Moet nie toedien na die begin van die blomstadium nie en moet nie meer as drie Prosper 500 EC bespuitings per seisoen toedien nie.** Dien ander geregistreerde swamdoders toe vir die beheer van poeieragtige skimmel na blom.

GEWAS/SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
WYNDRUIWE Poeieragtige skimmel *(Oidium tuckeri)*	**HOË VOLUME TOEDIENING** 10-14 dae program: 60 mℓ/100 ℓ water (180-900 mℓ/ha) 18-21 dae program: 90 mℓ/100 ℓ water (270-1350 mℓ/ha)	Begin met toediening wanneer lote ±2-5 cm lank is en herhaal met tussenposes soos aangedui. Begin met toediening wanneer lote ±2-5 cm lank is en herhaal met tussenposes soos aangedui. **Moet nie meer as drie Prosper 500 EC bespuitings per seisoen toedien nie.** Dien ander geregistreerde swamdoders toe vir die verdere beheer van poeieragtige skimmel.
ERTE Poeieragtige skimmel *(Erysiphe pisi)*	**GRONDTOEDIENING** 100 mℓ/100 ℓ water **LUGTOEDIENING** 500 mℓ/ha in 40 ℓ water/ha	Dien toe sodra eerste tekens van die siekte opgemerk word en herhaal met 10-14 dag intervalle afhangende van infeksie. Voeg **Citowett** (Reg. Nr. L2986) by teen 25 mℓ/ 100 ℓ spuitmengsel om goeie bedekking van die blare te verseker of oormatige afloop te verhoed. Dien 500 ℓ spuitmengsel/ha toe in die geval van grondtoediening. **Moet nie meer as 3 bespuitings per seisoen toedien nie.**
MANGO'S Poeieragtige skimmel *(Oidium mangiferae)*	60 mℓ/100 ℓ water	Begin bespuitings sodra eerste simptome opgemerk word en herhaal elke 10-14 dae tot 100 % blomblaarval. Gewoonlik word die eerste toediening aangewend wanneer 50 % van die blomme oop is. 'n Verdere 2 tot 3 bespuitings word dan toegedien afhangende van weerstoestande en egaligheid van die blomperiode. Dien toe as 'n bedekkingsbespuiting en verseker goeie bedekking van die blomtrosse.

BAYER

PROSPER®
500 EC

Swamdoder

BAYER

PROSPER®
500 EC

GEWAS/SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
ROSE Poeieragtige skimmel *(Sphaerotheca pannosa)*	90 mℓ/100 ℓ water	Slegs vir gebruik op rose in glashuise en toegemaakte areas. Dien toe as 'n hoë volume bespuiting sodra eerste simptome opgemerk word en herhaal elke 7-10 dae. **Moet nie Prosper 500 EC meer as drie keer per seisoen toedien nie**. Dien ander geregistreerde swamdoders toe vir verdere poeieragtige skimmel beheer.

NOTA:

1. **Hoë volume toediening op druiwe:**
   Spuit tot die punt van afloop en verseker egalige bedekking. Afhangende van blaaroppervlakte sal 300-1 500 ℓ spuitmengsel per hektaar benodig word soos volg:

Groeistadium	Water volume ℓ/ha	
	Wyndruiwe	Tafeldruiwe
Lote 2-5 cm lank tot en met net voor blom	300-750	500-1 000
Blomstadium tot ertjiekorrelgrootte	750-1 000	-
Ertjiekorrelgrootte tot oestyd	1 000-1 500	-

2. **Lae volume toediening op druiwe:**
   Prosper 500 EC kan ook toegedien word as 'n lae volume bespuiting. Die volume produk benodig per hektaar moet bereken word van die dienooreenkomstige hoë volume toedieningshoeveelheid. Die konsentrasie van die spuitmengsel mag nie vier keer (4X) die konsentrasie oorskry nie. 'n Minimum spuitvolume van ten minste 250 ℓ water/ha word aanbeveel. Verseker egalige bedekking.

© Bayer (Edms) Bpk. Alle ongemagtigde reproduksie van hierdie etiket word verbied.

RSA/0318/Prosper 500EC 5L/Label and Booklet
Code: 84964018C

Bayer

Fungicide

PROSPER® 500 EC

WARNINGS:
WINE GRAPES: ALLOW 21 DAYS BETWEEN LAST APPLICATION AND HARVEST.
TABLE GRAPES: DO NOT APPLY AFTER COMMENCEMENT OF THE FLOWERING STAGE.
PEAS: ALLOW 7 DAYS BETWEEN LAST APPLICATION AND HARVEST.

NOTE: The recommended withholding period between last application and harvest meets local residue requirements but may not meet export requirements. If the treated crop is intended for the export market, consult the relevant exporting body before application of the product, regarding pre-harvest interval requirements.

Prosper 500 EC has been tested on the following rose cultivars: Cora Marie, Pernille Poulsen, Papa-Meilland, Limona, Peoples Princess, Iceburg and Jack Dayson.
Poisonous when swallowed. Toxic to fish and wildlife.
Prosper 500 EC is irritating to the eyes, skin and mucous membranes.
Store in a cool place away from food and feed.
Keep out of reach of children, uninformed persons and animals.
RE-ENTRY: Do not enter treated area within 1 day after treatment unless wearing protective clothing.
AERIAL APPLICATION: Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate adjacent areas or water. Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

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 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:
Do not inhale fumes or spraymist.
Wear rubber gloves, boots and a face shield when preparing spray mixture and rubber gloves and face shield when spraying.
Wash contaminated clothing daily.
Wash with soap and water after use.
Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.
Clean spray equipment after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
Rinse empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsings to the contents of the spray tank before disposing of the container in the prescribed manner.
Destroy empty container by perforation and flattening and never use for any other purpose.
Avoid drift of spraymist to other crops, grazing, rivers, dams and areas that will not be treated.
Prevent contamination of food, feed, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING:
No known symptoms.

FIRST AID TREATMENT:
General advice: Move out of dangerous area. Remove contaminated clothing immediately and dispose of safely. Place and transport victim in stable position (lying sideways).
Inhalation: Call a physician or poison control center immediately. Move to fresh air. Keep patient warm and at rest.
Skin contact: Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.
Eye contact: Remove contact lenses, after the first 5 minutes, then continue rinsing eye.
Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

NOTE TO PHYSICIAN:
Treatment: Elementary aid, decontamination and symptomatic treatment. Gastric lavage, then charcoal (carbo medicalis) and sodium sulfate.

RESISTANCE MANAGEMENT:
For resistance management, **Prosper 500 EC** is a group code 5 fungicide. Any fungus population may contain individuals naturally resistant to **Prosper 500 EC** and other group code 5 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Prosper 500 EC** or any other group code 5 fungicides.
To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with registered products from different fungicide group codes such as triazoles (DMI fungicides), strobilurines, etc. Do not apply more than **THREE** sprays of **Prosper 500 EC** per season.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

For specific information on resistance management contact the registration holder of this product.

AERIAL APPLICATION:
Aerial application of **Prosper 500 EC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 10118 (Aerial Application of Agricultural Pesticides). 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 be met:

- **Volume:** A spray mixture volume of 30 ℓ per hectare 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 this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 25 to 35 droplets per cm^2 must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 280 to 300 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable **atomising equipment** that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the **wingtip vortices**.
- The difference in **temperature** between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8 °C.
- Stop spraying if the **wind** speed exceeds 15 km/h.
- Stop spraying under **turbulent**, unstable and dry conditions during the heat of the day.
- Spraying under temperature **inversion conditions** (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
  - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
  - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure 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 and that relevant data will be compiled in a logbook and kept for future reference.

Fungicide

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:

Prosper 500 EC can be used on grapes in tank mixtures with any one of the following: **Teldor 500 SC** (Reg. No. L6250), **Milraz 76 WP** (Reg. No. L2879), **Bulldock Beta 125 SC** (Reg. No. L7612), **Dithane WG** (Reg. No. L4213), **Thionex SC** (Reg. No. L4671), **Demildex** (Reg. No. L5094), **Flowable Sulphur** (Reg. No. L142), **Folpan WP** (Reg. No. L4663), **Nitrophoska Foliar** (Reg. No. K2427), **Spraybor** (Reg. No. B2414), **manganese sulphate** and **zinc oxide**. Tank mixtures of **Prosper 500 EC** with other products are not recommended. Bayer (Pty) Ltd., however, does not accept responsibility for the crop tolerance of tank mixtures where the formulation of products have changed.

Allow 7 days between the application of **Prosper 500 EC** and products not listed above and do not apply **Prosper 500 EC** in combination with wetter/stickers or as a tank mixture with trace or macro element sprays in grapes.

MIXING INSTRUCTIONS:

Pour the required volume of **Prosper 500 EC** into the water in the spray tank whilst agitating.
Do not allow the **Prosper 500 EC** spray mixture to stand any length of time before using. Do not use brackish water.

CROP/DISEASE	DOSAGE RATE	REMARKS
TABLE GRAPES Powdery mildew *(Oidium tuckeri)*	**HIGH VOLUME APPLICATION** 10-14 day programme: 60 mℓ/100 ℓ water (300-600 mℓ/ha)	Commence applications when shoots are ±2-5 cm long and repeat at intervals as indicated. **Do not apply after commencement of the flowering stage and do not apply more than three Prosper 500 EC sprays per season.** Apply other registered fungicides to control powdery mildew after flowering.
WINE GRAPES Powdery mildew *(Oidium tuckeri)*	**HIGH VOLUME APPLICATION** 10-14 day programme: 60 mℓ/100 ℓ water (180-900 mℓ/ha) 18-21 day programme: 90 mℓ/100 ℓ water (270-1350 mℓ/ha)	Commence applications when shoots are ±2-5 cm long and repeat at intervals as indicated. Commence applications when shoots are ±2-5 cm long and repeat at intervals as indicated. **Do not apply more than three Prosper 500 EC sprays per season.** Apply other registered fungicides for the further control of powdery mildew.
PEAS Powdery mildew *(Erysiphe pisi)*	**GROUND APPLICATION** 100 mℓ/100 ℓ water **AERIAL APPLICATION** 500 mℓ/ha in 40 ℓ water/ha	Apply at the first signs of the disease and repeat at 10-14 day intervals depending on infection. To ensure thorough coverage of the leaves and to avoid excessive run-off add **Citowett** (Reg. No. L2986) at a rate of 25 mℓ/100 ℓ spray mixture /ha. Apply 500 ℓ spray mixture/ha in the case of ground application. **Do not apply more than 3 times per season.**
MANGOES Powdery mildew *(Oidium mangiferae)*	60 mℓ/100 ℓ water	Commence application at the first signs of infection and repeat at intervals of 10-14 days up to 100 % petal drop. Usually the first application takes place when 50 % of the flowers are open. This is then followed by a further 2-3 sprays depending on weather conditions and uniformity of the flowering period. Apply as a cover spray and ensure thorough coverage of the flower panicles.
ROSES Powdery mildew *(Sphaerotheca pannosa)*	90 mℓ/100 ℓ water	For use on roses in glasshouses and enclosed areas only. Apply as a high volume spray at the first signs of infection and repeat at 7-10 day intervals. **Do not apply Prosper 500 EC more than three times per season**. Apply other registered fungicides for further control of powdery mildew.

PROSPER® 500 EC

NOTE:

1. **High volume application on grapes:**
   Spray to point of run off ensuring even coverage. Depending on leaf area present, 300-1 500 ℓ spray mixture/ha should be applied as follows:

Growth stage	Water volume ℓ/ha	
	Wine grapes	**Table grapes**
Shoots 2-5 cm long up to and including just before blossom	300-750	500-1 000
Flowering up to pea-size of the berries	750-1 000	-
Berries at pea-size up to harvest	1 000-1 500	-

2. **Low volume application on grapes:**
   Prosper 500 EC can be applied as a low volume application. The volume of product needed per hectare should be calculated from the corresponding high volume application. The concentration of the spray mix should not exceed four times (4X). Apply in at least 250 ℓ/ha. Ensure even coverage.

© Bayer (Pty) Ltd. All unauthorised reproduction of this label is forbidden.

RSA/0318/Prosper 500EC 5L/Label and Booklet
Code: 84964018C

Bayer