SPRAYFILM 10

Reg. No. L7120 Act No. 36 of 1947
Namibia: N-AR 1032 • Botswana: W130820

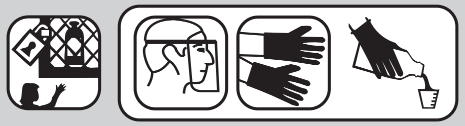
A non-ionic sticker and spreader designed to control the effective lifespan of insecticides, herbicides, fungicides and foliar fertilizers.

ACTIVE INGREDIENT:
Terpenic polymer……………….902,4 g/ℓ

REGISTRATION HOLDER:
Arysta LifeScience South Africa (PTY) LTD
Co. Reg. No.: 2009/019713/07
7 Sunbury Office Park , Off Douglas Saunders Drive
La Lucia, 4019 • Tel: (031) 514-5600

EMERGENCY NO.: 082 446 8946

DISTRIBUTOR:
PROTEK, a division of **PE-BEE Agri (PTY) LTD**
Co. Reg. No.: 2005/036308/07
P.O. Box 72, Heidelberg, 1438
Tel: (011) 812 9800 or 0861 PROTEK (0861 77 68 35)
www.proteksa.co.za



CAUTION

WARNINGS:
- Observe all warnings that are applicable to products with which **SPRAYFILM 10 will be used.**
- Handle with care.
- Harmful if swallowed.
- Causes moderate eye irritation.
- May cause moderate sinus and lung irritation.
- Store in a cool place, away from food, feed, eating utensils and drinking water.
- Protect this product from freezing temperatures of water. Store above 4ºC. Keep the container tightly closed, do not allow water to be introduced into the contents of the container.
- Keep out of reach of children, uninformed persons and animals.

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, incompatibility with other substances not indicated on the label 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 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 any fumes.
- Avoid contact with skin and eyes.
- Wear rubber gloves and a face shield when handling the concentrate.
- Wash with soap and water after use and accidental contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst handling the product or before washing hands and face.
- Avoid drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Rinse tank, pipes and spray nozzles immediately after use with water.
- **TRIPLE RINSE** empty containers in the following manner. Invert the empty container over the spray or rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Dispose of the empty container in a safe manner, accordingly to local regulations.

GENERAL INFORMATION:
- **SPRAYFILM 10** forms a sticky elastic film that holds the spray mixture of active compounds on the crop foliage. This protective film reduces the influence of degrading environmental factors which effect the effectiveness of the spray mixture components. This film breaks down layer by layer over time depending on the dosage rate and environmental conditions.
- **SPRAYFILM 10** will not foam, or clog nozzles. It will be effective when applied by aerial, ground or concentrate sprayer. It improves the initial spray deposit and allows excellent distribution of aircraft, ground and concentrate sprayer deposits, to give complete coverage.
- **SPRAYFILM 10** prevents the removal of agricultural remedies from leaf surfaces by rainfall and wind and the degradation by the ultraviolet rays of the sun. The film can withstand about 25 mm of rain for a period of 7 to 17 days depending on the dosage rate used and crop sprayed. It screens the spray residue from ultraviolet radiation, which often causes the degradation of the active ingredient of some agricultural remedies. Volatilization of agricultural remedies is minimized by the protective shield. Loss of spray residue by the abrasive activity of leaves rubbing together is also minimized.

SYMPTOMS OF OVEREXPOSURE:
Irritation of eyes and skin. Redness, stinging, swelling or itching can occur.

FIRST AID TREATMENT:
- **Ingestion:** Get medical advice and show him this label.
- **Eye contact:** Hold eyelids apart and flush eyes immediately with running water for at least 20 minutes. Seek medical attention if irritation persists.
- **Skin contact:** Take off contaminated clothing and wash contaminated areas thoroughly with running water and soap for 15 minutes. Seek medical attention if irritation persists.
- **Inhalation:** Remove victim to fresh air. Seek medical attention if irritation persists.

NOTE TO PHYSICIAN:
Treat symptomatically and supportively. Keep under medical observation.

IMPORTANT NOTES:
- All sprays containing **SPRAYFILM 10** must be applied during daylight, while allowing at least one hour before anticipated rain or overhead irrigation after application. Sunlight for this time period is required for the **SPRAYFILM 10's** protective film to set.
- **To ensure good emulsification, pre-mix this product with water before adding it to the spray mixture.**
- Always rinse tank, lines and nozzles with water immediately after spraying.
- After rinsing, a small quantity of sticky residue may remain in the spray tank. This residue can help to prevent rust and corrosion and will not clog the nozzles when the sprayer is next used.
- If spray drift sets on unintended surfaces, it can be removed with soap and water, before the spray residue is dry or with premium grade kerosene after the film has dried. To remove residues from painted metal surfaces, use standard tar remover products designed for use on these surfaces.
- **SPRAYFILM 10** is compatible in spray mixtures with most insecticides, fungicides, herbicides and fertilizers applied to leaf surfaces.
- Do not apply this product within 30 days of harvest except when copper fungicides, *Bacillus thuringiensis* products, soluble fertilizers or other tolerance exempt pesticides are applied to the crop.
- Use of this product with tolerance exempt pesticides close to harvest may result in unwanted visible residues on crops.
- If this is a problem, the product rate should be reduced or this product should not be used close to harvest.
- Do not apply this product on food crops if *Bacillus thuringiensis* products are combined with other insecticides in spray mixtures.

DIRECTIONS FOR USE: USE ONLY AS INDICATED.
See **IMPORTANT NOTES** above.

Mixing Instructions:
- To ensure good emulsification, pre-mix **SPRAYFILM 10** with water.
- Add this pre-mixture to the spray tank as the last ingredient, as the spray tank is filling, with agitator running.

Purpose of Use:
To extend the activity and increase the effectiveness of agricultural remedies as well as foliar feeds when applied on the leaves of plants.

APPLICATION DOSAGE RATES:

CROP	DOSAGE RATE	REMARKS
TURF APPLICATIONS: e.g. Lawns, Golf greens and Fairways	5 mℓ / 10 ℓ water	Apply in adequate water volume per hectare (e.g. up to 1000 litres water per hectare), depending on the foliage density to ensure thorough wetting of the foliage.
HOME GARDEN USE: Vegetables, Lawns, Flowers & Ornamentals and Fruit trees.	5 mℓ / 10 ℓ water	Apply in adequate water volume to ensure thorough wetting of the plants.

***NOTE:* Always add SPRAYFILM 10 as the last ingredient to the spray mixture.**

SPRAYFILM 10

Reg. Nr. L7120 Wet Nr. 36 of 1947
Namibië: N-AR 1032 • Botswana: W130820

Nie-ioniese kleef- en verspreidings- middel vir die verlenging van die effektiewe leeftyd van insekdoders, onkruiddoders, swamdoders en blaar- voedingsmiddels.

AKTIEWE BESTANDDEEL:

Terpeen polimeer………………902,4 g/ℓ

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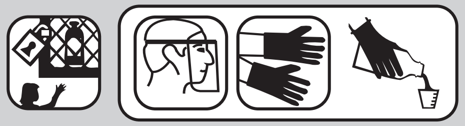

VERSIGTIG

WAARSKUWINGS:
- Gehoorsaam alle waarskuwings wat van toepassing is op die produkte wat saam met **SPRAYFILM 10** gebruik word.
- Hanteer versigtig.
- Skadelik indien ingesluk.
- Mag matige irritasie van oë veroorsaak.
- Mag matige irritasie van sinus en long veroorsaak.
- Stoor in 'n koel plek weg van voedsel, voer, eetgerei en drinkwater.
- Beskerm die produk teen temperature by vriespunt van water. Berg bokant 4°C. Hou die houer dig geseël, moet nie toelaat dat water in aanraking kom met die inhoud van die houer nie.
- Hou buite bereik van kinders, oningeligte persone en diere.

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, onverenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie 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 vorsien kon word nie. Raadpleeg die verskaffer of registrasiehouer in die geval van enige onsekerheid.

VOORSORGMAATREËLS:
- Moet nie dampe inasem nie.
- Vermy kontak met vel en oë.
- Dra beskermende rubber handskoene en gesigskerm wanneer die konsentraat hanteer word.
- Was met water en seep na gebruik en na toevallige kontak.
- Was besoelde klere na gebruik.
- Moet nie eet, drink of rook tydens meng en toediening nie en voordat hande en gesig gewas is en skoon klere aangetrek is nie.
- Verhoed wegdrywing van die spuitnewel na ander gewasse, weidings, riviere, damme en areas nie onder behandeling of na naasliggende waterbronne.
- Spoel tenk, pype en spuitneuse onmiddellik uit na gebruik met water.
- Leë houers moet **DRIEKEER UITGESPOEL** word soos volg. Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Doen weg met die leë houer op 'n veilige manier, volgens plaaslike regulasies.
- **Moet nie** die leë houer vir enige ander doel hergebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

ALGEMENE INLIGTING:
- **SPRAYFILM 10** vorm 'n taai elastiese lagie wat aktiewe bestanddele in spuitmengsels op die blaaroppervlak vashou. Hierdie lagie verminder die degraderende invloed wat omgewingstoestande op die effektiwiteit van die aktiewe bestanddele mag hê. Afhangende van die toedieningshoeveelhede en omgewingstoestande word hierdie lagie laag vir laag afgebreek met tydsverloop.
- **SPRAYFILM 10** sal nie spuittoestelle verstop of skuim met toediening veroorsaak nie. Die produk is effektief wanneer dit toegedien word deur middel van lug- en grondbespuiting of konsentraattoedieners. Die produk verbeter die aanvanklike spuitneerslag asook goeie verspreiding van spuitneerslae wanneer dit toegedien word deur middel van lug- en grondbespuiting en konsentraatsproeiers, vir 'n volledige bedekking van die blaaroppervlak.
- **SPRAYFILM 10** verhoed die verwydering van landbouchemikalieë van blaaroppervlakke deur die aksie van wind en reënval. Die lagie wat vorm kan nagenoeg 25 mm reën weerstaan vir 'n periode van 7 tot 17 dae afhangende van die toedieningshoeveelheid en gewas wat bespuit is. Die lagie beskerm die spuitneerslag teen ultraviolet bestraling wat die aktiewe bestanddele van sommige landbouchemikalieë vernietig. Vlugtigheid van sommige middels word ook tot 'n minimum beperk. Die lagie verminder ook die verlies van spuitneerslae as gevolg van die skuur effek van die blare teen mekaar, veral in winderige toestande.

SIMPTOME VAN OORMATIGE BLOOTSTELLING:
Irritasie van oë en vel mag voorkom. Rooiheid, krapperigheid, swelling en jeukerigheid kan voorkom.

NOODHULPBEHANDELING:
- **Inname:** Kry mediese advies en toon hierdie etiket aan hom.
- **Oogkontak:** Hou ooglede oop en spoel oë dadelik uit met lopende water vir ongeveer 20 minute. Kry mediese advies indien irritasie voortduur.
- **Velkontak:** Trek besoedelde klere uit en was besoedelde dele deeglik met lopende water en seep vir 15 minute. Kry mediese advies indien irritasie voortduur.
- **Inaseming:** Verwyder die pasiënt na vars lug. Kry mediese advies indien irritasie voortduur.

NOTA AAN GENEESHEER: Behandel simptomaties en ondersteunend. Hou onder mediese toesig.

BELANGRIKE NOTAS:
- Alle spuitmengsels wat **SPRAYFILM 10** bevat, moet toegedien word tydens sonlig periodes, ten minste een uur voor reën verwag word of oorhoofse besproeiing plaasvind, moet toegelaat word na toediening van spuitmengsels. Sonlig gedurende die periode word benodig vir die **SPRAYFILM 10** beskermende lagie om te set.
- **Om goeie emulsie te verseker, meng hierdie produk eers vooraf met water alvorens dit by die spuitmengsel gevoeg word.**
- Spoel altyd tenks, spuitlyne en spuitstukke onmiddellik na gebruik met water uit. 'n Klein hoeveelheid taai residu mag in tenk agterbly na gespoel is. Die residu kan help om roes en korrosie te voorkom en sal nie spuitstukke verstop wanneer die toerusting weer gebruik word nie.
- In die geval waar spuitnewel op onbedoelde oppervlakke beland, kan dit verwyder word met seep en water voordat die residu droog is of met premium graad keroseen nadat die film droog geword het. Om die residu te verwyder van geverfde oppervlakke, gebruik standaard produkte ontwerp vir die verwydering van teer van sodanige oppervlakke.
- **SPRAYFILM 10** is mengbaar in spuitmengsels met meeste insekdoders, swamdoders, onkruiddoders en blaarvoedings wat op die blare van plante toegedien word.
- Die produk moet nie toegedien word binne 30 dae voor oes nie, behalwe wanneer koper bevattende swamdoders, *Bacillus thuringiensis* produkte, oplosbare blaarvoedings of enige ander toleransie vrygestelde middels toegedien word.
- Die gebruik van die produk saam met toleransie vrygestelde middels naby oestyd kan sigbare, ongevraagde residue op gewasse tot gevolg hê.
- Indien dit 'n probleem mag wees kan die toedieningshoeveelhede aangepas word of die produk glad nie gebruik word naby oestye nie.
- Die produk moet nie toegedien word op voedselgewasse indien *Bacillus thuringiensis* produkte gekombineer word in spuitmengsels met ander insekdoders nie.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI. Sien **BELANGRIKE NOTAS** hierbo.

Menginstruksies:
- Om goeie emulsie te verseker, meng hierdie produk eers vooraf met water.
- Hierdie voorafmengsel moet as die laaste toevoeging tot die spuitmengsel gevoeg word terwyl die spuittenk gevul word, met die menger in werking.

Doel van Gebruik:
Word gebruik om die aktiwiteit te verleng asook die effektiwiteit te verhoog van landboumiddels en blaarvoedingsmiddels wanneer dit toegedien word op die blare van plante.

TOEDIENINGSDOSISSE:

GEWAS	DOSIS	OPMERKINGS
TURF TOEDIENINGS: bv. Grasperke, Golfbane en Speelvelde	5 mℓ / 10 ℓ water	Dien toe in voldoende volume water per hektaar (bv. tot 1000 liter water per hektaar), afhangende van die plantegroei digtheid sodat deeglike benatting van die plantegroei verseker is.
HUISTUIN GEBRUIK: Groente, Grasperke, Blomme & Sierplante en Vrugtebome.	5 mℓ / 10 ℓ water	Dien toe in voldoende water om volledige benatting van plante te verseker.

NOTA: **Voeg altyd SPRAYFILM 10 as die laaste produk by die spuitmengsel.**