

WARNINGS:

Hazard Statements: Harmful if swallowed or if inhaled. May be harmful in contact with skin. Causes skin irritation. Causes serious eye damage. Toxic to aquatic life.

PRE-HARVEST INTERVAL:

Allow the following number of days between the last application and harvest or feeding:	
Wheat and Canola	56 days
Barley	60 days
Sugarcane	56 days
Citrus	150 days
Tree nuts	50 days
Oats	70 days

NOTE: If this product is used according to the recommendation on this label, withholding period between last application and harvest meets local MRLs. However, Cedar Falls Properties 130 (Pty) Ltd cannot be held responsible if export MRLs of their countries are exceeded. In the case of crops intended for export, confirm withholding periods and specific tolerances with the relevant exporting body.

- Handle with care.
- Do not graze all treated crops.
- Do not spray directly onto bees or when bees are active in the crops.
- Store in a cool, dry place and away from food, feeds and seed.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry Interval:** Do not enter treated area, until spray deposit has dried 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 of water.

DISCLAIMER

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 soil, climatic and storage conditions, quality of dilution water; incompatibility with other substances not indicated on the label and the occurrence of resistance of the pest 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:

Precautionary Statements

Prevention: Avoid breathing dust. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a poison centre or doctor if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor. Call a poison centre or doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Disposal: Dispose of contents and container to an approved waste disposal plant.

WONDERLAND 200 SP

Reg. No. / Nr L10057 Act No. 36 of 1947/ Wet Nr 36 van 1947

INSECTICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

IRAC INSECTICIDE GROUP CODE:

4A

IRAC INSEKDOEDERGROEP KODE:

A water soluble powder, systemic insecticide with contact and stomach action for the control of pests as indicated on citrus, wheat, canola, barley, sugarcane, tree nuts and oats.

'n Wateroplosbare poeier, sistemiese insekdoder met kontak- en maagaksie vir die beheer van plae soos aangedui in sitrus, koring, kanola, gars, suikerriet, neutbome en hawer.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

acetamiprid (neonicotinoid).....200 g/kg..... asetamipried (neonikotiniëd)



DANGER

Hazard Statements:

Harmful if swallowed or if inhaled.
May be harmful in contact with skin.
Causes skin irritation.
Causes serious eye damage.
Toxic to aquatic life.

Precautionary Statements:

Avoid breathing dust.
IF SWALLOWED: Call a poison centre or doctor if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes.
If skin irritation occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3077



REGISTRATION HOLDER/ REGISTRASIEHOUER
Cedar Fall Properties 130 (Pty) Ltd
Reg. Nr: Reg. No. 2006/031383/07
61 Marshall Drive, Old Mill Industrial Park, Mount
Edgemcombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100836

- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator and mixing buckets after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- **Clean the empty foil-lined or plastic-lined paper bag as follows:** Shake all the pesticide formulation 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES

NAME	PRODUCT IDENTIFIER
Sodium Sulfate	CAS-No.: 7757-82-6
Acetamiprid TC	CAS-No.: 135410-20-7
Sodium Dodecyl Sulphate	CAS-No.: 151-21-3
Sodium Alkyl Naphthalene Sulfonate Blend	CAS-No.: 105864-15-1
Ammonium Sulphate	CAS-No.: 7783-20-2

RESISTANCE WARNING:

For resistance management, **WONDERLAND 200 SP** is a group code **4A** insecticide. Any insect population may contain individuals naturally resistant to **WONDERLAND 200 SP** and other group code **4A** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **WONDERLAND 200 SP** or any other group code **4A** insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank-mix with products from different insecticide group codes,
- Integrate other control methods (chemical, cultural, biological) into insect control programmes.

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

MODE OF ACTION:

Binds to the acetylcholine site on nicotinoyl acetylcholine receptors (nAChRs), causing a range of symptoms from hyperexcitation to lethargy and paralysis. Systemic insecticide active by both contact and ingestion, translocated acropetally in the xylem, translaminar mobility.

USE RESTRICTIONS:

- Avoid applying to trees or plants which are under stress conditions (e.g. stress as a result of water logging, drought, soil compaction, nutrient deficiencies, root and stem diseases, nematodes, etc.) as systemic uptake, translocation and insecticidal activity will be adversely affected.
- Do not treat trees in the post-harvest period as the systemic action and translocation of the product would be adversely affected.
- Alternate **WONDERLAND 200 SP** with chemically unrelated insecticides to prolong its effective lifespan.
- To minimize the possibility of resistance, apply a maximum of two neonicotinoid treatments per growing season.
- Do not alternate with insecticides with a similar mode of action (e.g. Imidacloprid).
- Treat trees and plants when growing actively.
- Take note that low temperatures will reduce the rate of systemic translocation from site of application to the target insect pests.
- Do not apply **WONDERLAND 200 SP** on plants covered with a layer of dust as systemic uptake of the product and proper contact with insects will be impaired.
- **Very Important:** The choice of products to be used during one growing season should take resistance strategy in consideration. Adhere to the instructions under "Resistance Warnings" above.

DIRECTIONS FOR USE: Use only as indicated.

Compatibility:

- It is advisable to do a compatibility test on a small scale prior to application when **WONDERLAND 200 SP** is tank mixed with other fungicides or insecticides. However, the compatibility with other products may be influenced by the formulation of the products as well as the quality of the dilution water. Since the quality may vary from farm to farm, a physical compatibility test should always be carried out prior to application.
- **WONDERLAND 200 SP** is not compatible with chemicals with strong alkaline reaction upon dilution or strong alkaline spray water.
- Therefore, always ensure the pH of the spray water is between 4,5 and 6,5 before adding **WONDERLAND 200 SP**. Use BEEF A BUFF(L5441) to buffer the water to the desired pH.
- Always refer to the label of the product which is to be used or tank mixed with **WONDERLAND 200 SP** and adhere to the warnings, precautions, restrictions and instructions.

AERIAL APPLICATION

Aerial application may only be done by a registered aerial application operator using a registered and correctly calibrated aircraft according to the instructions of SANS Code 10118 (Aerial Application of Pesticides). It is important to ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

Equipment

- Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of product through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 75 % of the wingspan to prevent droplets from entering the wingtip vortices.

Application parameters

- Post-emergence
- A minimum volume of 35 ℓ spray mixture per ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended.
- A droplet coverage of 30-45 droplets per sq cm must be recovered at the target.
- A droplet spectrum with a VMD of 350 microns is recommended. Ensure that the production of fine droplets, with a VMD less than 150 microns, is restricted to a minimum.
- The height of the spray boom should be maintained at between 2 and 3 m above the target.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive or when banking.
- Apply before the crop growth becomes too dense, which will interfere with overall plant coverage.

Meteorological conditions

- The difference between the wet and dry bulb readings as determined by a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions nor during the heat of the day when rising thermals and downdraughts occur.
- Do not spray under temperature inversion conditions (spraying in or above the inversion layer).
- Do not spray when the wind speed exceeds 15 km per hour.

General

- Ensure that fields are accurately marked and that the aerial spray operator knows exactly which fields to spray.
- Obtain an assurance from the aerial spray operator that the above requirements will be met.

Mixing Instructions:

- Half-fill the spray tank with clean water.
- Ensure that the pH of the spray water is between 4,5 and 6,5. If not, buffer the spray water with BEEF A BUFF.
- Measure out the required quantity of **WONDERLAND 200 SP** and premix with at least 10 litres of the already buffered spray water.
- Add this premix to the spray tank while agitating.
- Agitate **WONDERLAND 200 SP** during mixing and application.
- If any other product is to be added to the tank mixture, the required volume of that product must be premixed in a similar fashion.
- Agitate the water in the spray tank and add the second premixed product to the tank, provided **WONDERLAND 200 SP** has been completely dissolved.

- Fill the spray tank with water to the required volume, while maintaining agitation to ensure thorough mixing. If used in mixtures with EC, EW or oil containing adjuvant, these products must be added last to the spray tank, while the spray tank is nearly filled with water to the final mixture volume.
- Maintain agitation during spraying.
- Never mix undiluted products or their premixes before adding to the tank.
- Use the prepared mixture immediately. Do not allow to stand overnight.

APPLICATION DOSAGE RATES:

CROP / PEST:	DOSAGE RATE:	REMARKS:
WHEAT (Summer & Winter rainfall areas – dry land) BARLEY AND OATS (Winter rainfall areas – dry land) Oat aphid (<i>Rhopalosiphum padi</i>), Brown ear wheat aphid (<i>Sitobion avenae</i>) and Common wheat aphid (<i>Schizaphis graminum</i>)	50 g/ha + 100 ml Beef A Buff / 100 l spray mixture when needed	Apply when pest is noticed and repeat when necessary. Do not apply later than ear emergence stage of wheat and barley and the start of the flowering stage of canola. Ground application: Apply in not less than 75 l water/ha. Good coverage of all plant parts is essential.
CANOLA (winter rainfall area) Cruciferae aphid (<i>Brevicoryne brassicae</i>)		
CITRUS Citrus Thrips (<i>Scirtothrips aurantii</i>)	40 g/100 l water	Nursery and Non-bearing Transplanted Trees: Apply the first application as soon as possible. Apply as an outside cover spray, to the point of run-off. Repeat the application when the threshold is exceeded. Bearing Trees (not on lemon trees): Apply WONDERLAND 200 SP as a preventative measure at 100% petal fall or shortly thereafter, as soon as 2% of the fruit are infested. Apply as an outside cover spray, to the point of run-off. Scout regularly and apply a second application when the threshold is exceeded, but not later than 6 weeks after the first application.
Mealybug (all species)	40 g/100 l water	Nursery and Non-bearing Transplanted Trees: Apply the first application as soon as necessary. Apply as a full cover spray, to the point of run-off. Repeat the application when the threshold is exceeded.
	50 g/100 l water	Bearing Trees (not on lemon trees): Scout regularly and when necessary at 100% petal fall, apply WONDERLAND 200 SP . Apply as a full cover spray to the point of run-off. If necessary apply a second application, not later than 6 weeks after the first application.

SUGARCANE Yellow Sugarcane Aphid (<i>Sipha flava</i>)	1.0 kg/ha plus wetter (0.05%)	Ground application Apply in at least 250 ℓ water/ha as soon as pest is noticed. Use a flat fan nozzle and the spray must be directed to the lower leaves.
TREE NUTS Macadamia nut borer (MNB), Thaumatotibia (=Cryptophlebia) batrachopa	50 g WONDERLAND 200 SP /100 ℓ water OR 40 g WONDERLAND 200 SP + 20 g Emamectin benzoate 50g/kg WG /100 ℓ water	Use appropriate scouting and monitoring techniques to predict the onset of pest infestation. In orchards with a known history of Macadamia nut borer infestation or a predicted high level of infestation, make the first two applications with WONDERLAND 200 SP + a suitably registered Emamectin benzoate 50g/kg WG. Thereafter, continue the programme with the suitably registered Emamectin benzoate 50g/kg WG solo and adhere strictly to the label for the selected product. In case of expected low to moderate infestation, WONDERLAND 200 SP can be used solo at the indicated rate. Do not exceed more than 2 WONDERLAND 200 SP applications in a growing season whether in a mixture or solo. Commence application when pest eggs are hatching but before the neonate larvae penetrate the nuts. A medium cover spray is essential to ensure all nut clusters are adequately protected. Repeat application after 7 to 10 days if high infestations of Macadamia nut borer persist.

BEEF A BUFF (Reg. No. L5441) is the registered product of: GAP Chemicals.

WAARSKUWINGS:

Gevaarstellings: Skadelik indien ingesluk of ingeasem word. Kan skadelik wees in kontak met die vel. Veroorsaak velirritasie. Veroorsaak ernstige oogskade. Giftig vir waterlewe.
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VOOR-OES-INTERVAL:

Laat die volgende aantal dae toe tussen die laaste toediening en oes of voeding:	
Koring en Kanola	56 dae
Gars	60 dae
Suikerriet	56 dae
Sitrus	150 dae
Boomneute	50 dae
Hawer	70 dae

NOTA: Indien die produk gebruik word volgens die aanbevelings op die etiket, stem die weerhouingsperiode tussen die laaste toediening en die oes, ooreen met die plaaslike MRLs. Nietemin kan, Cedar Falls Properties 130 (Pty) Ltd nie verantwoordelik gehou word indien die uitvoer MRLs in hul land oorskry word nie. In die geval van gewasse wat beoog word vir uitvoer, moet die weerhouingsperiodes en spesifieke toleransies met die betrokke uitvoerbesigheid bevestig word.

- Hanteer versigtig.
- Moenie wei op enige behandelde gewasse nie.
- Moenie direk spuit op bye of wanneer bye aktief betrokke is in die gewasse nie.
- Stoor in 'n koel, droë plek en ver weg van voedsel, voer en saad.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moenie behandelde area betree, voordat die spuitval droog is andersins moet beskermde klere gedra word.
- **Lugbespuiting:** stel alle inwoners in die onmiddellike omgewing in kennis van die area wat gespuit gaan word en gee die verlangde waarskuwings

Alhoewel hierdie middel uitgebreid en onder 'n groot verskeidenheid van omstandighede getoets is, waarborg die registrasiehouer nie dat dit onder alle omstandighede doeltreffend sal wees nie, omdat die reaksie en gevolge beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, die kwaliteit van verdunde water, ooreenstemmigheid met ander stowwe wat nie op die etiket verskyn nie, en die voorkoms van onkruid weerstandigheid teenoor die middel betrokke, sowel as die metode, tyd en akkuraatheid van toediening. Verdermeer aanvaar die registrasiehouer geen verantwoordelikheid vir beskadigde gewasse, plantegroei, die omgewing of enige skade teenoor mens of dier of vir die gebrek aan doeltreffendheid van die betrokke middel as gevolg van die gebruiker se gebrek om die etiket se instruksies te volg of vir die voorkoms van omstandighede wat nie voorsien kon word kragtens die registrasieproses nie. Raadpleeg die verskaffer in geval van enige onduidelikheid.

VOORSORGMAATREËLS:

Voorsorgstellings Voorkoming: Vermo asemhaling van stof. Was hande, voorarms en gesig deeglik na hantering. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie. Gebruik slegs buite of in 'n goed geventileerde area. Vermo vrylating na die omgewing. Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming. Reaksie: INDIEN INGESLUK: Bel 'n gifsentrum of dokter as jy onwel voel. INDIEN OP DIE VEL: Was met baie seep en water. INDIEN INGESAEM: Verwyder persoon na vars lug en hou gemaklik om asem te haal. INDIEN IN OË: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. Bel dadelik 'n gifsentrum of dokter. Bel 'n gifsentrum of dokter as jy onwel voel. Indien velirritasie voorkom: Kry mediese advies/aandag. Trek besoedelde klere uit en was dit voor hergebruik. Wegdoening: Gooi inhoud en houër weg na 'n goedgekeurde afvalverwyderingsaanleg.
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- Vermoed dat die drif van spuit na ander gewasse, weiveld, riviere, damme en ander areas wat onder behandeling is.
- Maak die toedieners en mengbakke skoon na gebruik. Gooi waswater weg waar dit nie gewasse, weiveld, riviere, damme of boorgate sal besoedel nie.
- **Maak die leë foelie- of plastiek-gevoerde papiersak soos volg skoon:** Skud al die plaagdoderformulerings uit die sak in die spuit- of mengtenk. Draai die sak binneste buite. Hou die sak oor die spuit- of mengtenk en spoel die sak uit met lopende water vir dertig sekondes. Skud die spoelwater in die tenk af. Herhaal die spoel twee keer. Moet nie die sak begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir voedsel kan gebruik nie. Hierdie sakke kan nie herwin word nie en moet deur 'n gelisensieerde verbrandingsfasiliteit verbrand word.
- Verhoed besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE:

NAAM	PRODUK IDENTIFISEERDER
Natriumsulfaat	CAS-No.: 7757-82-6
Asetamipried TS	CAS-No.: 135410-20-7
Natriumdodesielsulfaat	CAS-No.: 151-21-3
Natriumalkiëlnaftaleensulfonaatmengsel	CAS-No.: 105864-15-1
Ammoniumsulfaat	CAS-No.: 7783-20-2

WEERSTANDSWAARSKUWING:

Vir weerstandsbewoering, **WONDERLAND 200 SP** is 'n groepkode 4A insekdoder. Enige insek bevolking mag individue bevat wat natuurlike weerstandigheid teen **WONDERLAND 200 SP** en ander groepkode 4A insekdoders toon. Die weerstandigheds individue kan uiteindelik die insek bevolking domineer indien hierdie insekdoders herhaaldelik gebruik word. Hierdie weerstandighedsinsekte mag dalk nie deur **WONDERLAND 200 SP** of enige ander groepkode 4A insekdoder beheer word nie.

Om insekdoder weerstand te vertraag:

- Vermoed eksklusiewe herhaaldelike gebruik van insekdoders van dieselfde insekdoder groepkode. Wissel af of tenkmeng met produkte van verskillende insekdoder groepkodes.
- Integreer ander beheermaatreëls (chemiese, kulturele biologiese) in die insek beheer programme.

Vir spesifieke inligting rakende weerstandsbewoering moet die registrasiehouer van die produk gekontak word.

WYSE VAN AKSIE:

Bind aan die asetielcholinergiese op nikotinoïelasetielcholinergiese reseptore (nAChRs), wat 'n reeks simptome van hipereksitasie tot lusteloosheid en verlamming veroorsaak. Sistemiese insekdoder aktief deur beide kontak en inname, akropetaal getranslokeer in die xileem, translaaminiere mobiliteit.

GEBRUIKSBEPERKINGS:

- Vermoed toediening op bome of plante wat onder stresomstandighede is (bv. stres as gevolg van deurweektheid, droogte, grondkompaktheid, voedseltekorte, wortel en stamsekte, aalwurms ens.) aangesien sistemiese opname, translokasie en insekdoder aktiwiteit nadelig beïnvloed sal word.
- Moenie bome in die laatoes periode behandel nie, omdat die sistemiese reaksie en translokasie van die middel ernstig belemmer sal word.
- Wissel **WONDERLAND 200 SP** met chemiese onverwante insekdoders om die effektiwiteit lewensspan te verleng.
- Om die moontlikheid van weerstand te verminder, dien 'n maksimum van twee neonekotoïde behandelings per groeiseisoen toe.
- Moenie afwissel met insekdoders met 'n soortgelyke modus operandi. (bv. Imidakloprid).
- Behandel bome en plante wanneer dit aktief groei.
- Neem kennis dat lae temperatuur sal die snelheid van sistemiese translokasie van die perseel van toediening na die teiken insekplae verlaag.
- Moenie **WONDERLAND 200 SP** toedien op plante gedek met 'n laag stof, omdat die sistemiese inname van die middel en behoorlike kontak met insekte sal beïnvloed word.
- Baie Belangrik: Die keuse van middels wat gedurende een groeiseisoen gebruik word, behoort weerstandstrategie in ag te neem. Gee gehoor aan die instruksie onder "Weerstand Waarskuwings" hierbo.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

Verenigbaarheid:

- Dit is raadsaam om 'n verenigbaarheidstoets op 'n klein skaal te doen voor toediening terwyl **WONDERLAND 200 SP** in die tenk gemeng word met ander swamdoders en insekdoders. Alhoewel, die verenigbaarheid met ander middels mag beïnvloed word deur die formule van die middels sowel as die kwaliteit van die verdunde water. Aangesien die kwaliteit tussen die plase kan verskil, behoort 'n fisiese verenigbaarheidstoets uitgevoer te word voor die toediening.
- **WONDERLAND 200 SP** is nie verenigbaar met chemikalie wat 'n sterk alkaliese reaksie op verdunning of sterk alkaliese spuitwater.
- Daarom moet die pH van die spuitwater altyd verseker word, tussen 4,5 en 6,5 voordat **WONDERLAND 200 SP** bygevoeg word. Gebruik BEEF A BUFF(L5441) om die water tot die verlangde pH te blok.
- Verwys altyd na die etiket van die middel wat gebruik word of in die tenk gemeng word met **WONDERLAND 200 SP** en gehoorsaam die waarskuwings, voorsorgmaatreels, beperkings en instruksies.

LUGBESPUITING

Lugbespuiting mag slegs gedoen word deur 'n geregistreerde lugbespuitingsoperateur wat gebruik maak van 'n geregistreerde en korrek gekalibreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Lugbespuiting van Plaagdoders). Dit is belangrik om te verseker dat die spuitmengsel eweredig versprei is oor die geteikende area en dat die verlies van spuitmateriaal gedurende toediening tot 'n minimum beperk is. Dit is daarom noodsaaklik dat die volgende kriteria nagekom word:

Toerusting

- Gebruik geskikte newelspuittoerusting (hidroliese spuitpunte of roterende newelspuit) wat die verwagte druppel grootte sal verskaf en die hele geteikende area sal bedek asook verseker dat daar die minimum verlies van die middel is as gevolg van dryf.
- Die operateur moet 'n spuitpuntoestel gebruik wat druppelspektrum wat die laags moontlike relatiewe wydte produseer.
- Alle spuitpunte en newelspuit behoort binne die binne 75% van die vlerkwydte geplaas word om te voorkom dat die druppels die vlerkpuntmaalstroom binnedring.

Toedieningsparameters

Na-opkoms

- 'n Minimum volume van 35 ℓ spuitmengsel per ha word aanbeveel. Omdat hierdie middel nog nie teen 'n verlaagde volume dosis geëvalueer is nie, kan die registrasiehouer nie effektiwiteit waarborg of verantwoordelik gehou word vir enige negatiewe gevolge wanneer die middel per lug aangewend word teen 'n laer volume dosis as wat aanbeveel is nie.
- 'n Druppelbedekking van 30 – 45 druppels per vierkante cm moet herwin word teen die teiken.
- 'n Druppelspektrum met 'n wydte van VMD of 350 mikrons word aanbeveel. Verseker dat die produksie van die fyn druppels, met 'n VMD kleiner as 150 mikrons, is geregistreer tot 'n minimum.
- Die hoogte van die spuitbalk behoort gehandhaaf te word tussen 2 en 3 m bokant die teiken.
- Moenie spuit terwyl vliegtuig besig is om op te styg nie, ook nie wanneer die vliegtuig aan die bopunt van 'n draai is, of gedurende 'n duik of skuinsvlug nie.
- Dien toe voordat die groei van die gewasse te welig word, wat die totale plantbedekking sal beïnvloed.

Meteorologiese toestande:

- Die verskil tussen nat en droe bollesings soos bepaal deur die draaiende higrometer, mag nie 8 oC oorskry nie.
- Moenie spuit onder toestande van turbulensie, onstabieliteit of gedurende die hitte van die dag wanneer stygende warmte eenhede en dalende konvekse windbeweging voorkom.
- Moenie spuit onder temperatuur inversie toestande nie (spuit in of oor die inversielae).
- Moenie spuit wanneer die wind 15 km per uur oorskry nie.

Algemeen:

- Verseker dat die lande akkuraat gemerk is en dat die lugbespuitingsoperateur presies weet watter lande om te bespuit.
- Verkry versekering of bevestiging van die lugbespuitingsoperateur dat bogenoemde voorvereistes nagekom sal word.

Meng Instruksies:

- Vul die spuittenk halfvol met skoon water.
- Verseker dat die pH van die spuitwater tussen 4,5 en 6,5 is. Indien nie, blok die spuitwater met BEEF A BUFF.
- Meet die verlangde hoeveelheid van **WONDERLAND 200 SP** af en meng vooraf met ten minste 10 liter van die reeds geblokte spuitwater.

- Voeg hierdie voormengsel by die spuittenk terwyl geroer word.
- Skud **WONDERLAND 200 SP** tydens die meng en toediening.
- Indien enige ander produk by die tenkmengsel gevoeg moet word, moet die verlangde volume van daardie middel vooraf gemeng word op 'n soortgelyke manier.
- Skud die water in die spuittenk en voeg die tweede vooraf gemengde middel in die tenk, op voorwaarde dat **WONDERLAND 200 SP** heeltemal opgelos is.
- Vul die spuittenk met water tot die verlangde volume, terwyl aangehou word om dit te skud om deeglike meng te verseker. Indien gebruik word in mengsels met EC, EW of olie wat enige bymiddel bevat, moet hierdie middels by die spuittenk bygevoeg word, terwyl die spuittenk amper volgemaak is met water tot die finale mengselvolume.
- Hou aan skud tydens bespuiting.
- Moet nooit onverdunde middels of vooraf gemengde middels meng, voordat dit in die tenk bygevoeg is nie.
- Gebruik die voorbereide mengse onmiddellik. Moenie dit oornag laat staan nie.

TOEDINGSDOSISSE:

GEWAS / PLAAG	DOSIS	OPMERKINGS
KORING (Somer & Winter reenalareas – droeë land) GARS EN HAWER (Winterreenalareas – droeë land) Haverplantluis <i>(Rhopalosiphum padi)</i> , Bruin koringplantluis <i>(Sitobion avenae)</i> and Gewone koringplantluis <i>(Schizaphis graminum)</i>	50 g/ha + 100 ml Beef A Buff / 100 l spuitmengsel wanneer nodig	Dien toe wanneer die plaag opgemerk word en herhaal indien nodig. Moenie toedien later as vlagblaar stadium van koring en gars en die begin van blom stadium van kanola. Grondtoediening: Dien toe in nie minder as 75 l water / ha. Goeie bedekking van alle dele van die plant is noodsaaklik.
KANOLA (winter reenal area) Cruciferae plantluis <i>(Brevicoryne brassicae)</i>		
SITRUS Sitrus Blaaspootjie <i>(Scirtothrips aurantii)</i>	40 g/100 l water	Kwekery En Nie - Draende Oorgeplante Bome: Dien die eerste bespuiting so gou moontlik toe. Dien toe as 'n buite dek bespuiting tot die punt van afloop. Herhaal die bespuiting sodra die drempel waarde bereik word. Draende Bome (nie suurlemoene nie): Dien WONDERLAND 200 SP as 'n voorkomende bespuiting teen blomblaarval of kort daarna sodra 2% van die vrugte besmet is. Dien 'n buite dekbepuiting toe tot die punt van afloop. Verken gereeld en dien 'n tweede bespuiting toe as die drempelwaarde oorskry word, maar nie later as 6 weke na die eerste bespuiting nie.

Witluis (alle spesies)	40 g/100 ℓ water	Kwekery En Nie Draende Oorgeplante Bome. Dien die eerste bespuiting toe sodra nodig. Dien toe met 'n volledek bespuiting. Herhaal die toediening sodra die drempelwaarde oorskry word.
	50 g/100 ℓ water	Draende Bome (nie suurlemoene nie) Verken gereeld en wanneer nodig teen 100% blomblaarval dien WONDERLAND 200 SP toe. Dien toe as 'n buite dek bespuiting tot die punt van afloop. Verken gereeld en dien 'n tweede bespuiting toe as die drempelwaarde oorskry word, maar nie later as 6 weke na die eerste bespuiting nie.
SUIKERRIET Geel suikerriet plantluis (<i>Sipha flava</i>)	1.0 kg/ha plus benatter (0.05%)	Grond Toediening Dien toe in ten minste 250 ℓ water/ha sodra die plaag opgelet word. Gebruik 'n platwaaier spuitpunt en rig die bespuiting na die onderste blare.
BOOM NEUTE Makadamianeutboorder (MNB), <i>Thaumatotibia (=Cryptophlebia) batrachopa</i>	50 g WONDERLAND 200 SP /100 ℓ water OF 40 g WONDERLAND 200 SP + 20 g Emamectin benzoate 50g/kg WG /100 ℓ water	Gebruik die toepaslike verkenning en monitering stelsels om die begin van die besmetting te voorspel. In Boorde met 'n bekende geskiedenis van Makadamianeut- boorder besmetting, of 'n voorspelde hoë vlak van besmetting, maak die eerste twee toediengs van, WONDERLAND 200 SP + toepaslik geregistreerde Emamectin benzoate 50g/kg WG. Daarna gaan voort met Emamectin benzoate 50g/kg WG bespuitings op sy eie en bly streng by die voorskrifte van die betrokke produk. In die geval van lae of middelmatige besmetting, WONDERLAND 200 SP mag alleen toegedien word teen die aanbevole dosis. Moenie meer as 2 WONDERLAND 200 SP per seisoen alleen of in kombinasie toedien nie. Begin bespuiting wanneer die plaag se eiers begin uitbroei maar alvorens die neonatale larf in die neute in- boor. 'n Medium dekbespuiting is noodsaaklik om te verseker alle neute is beskerm. Herhaal toediening na 7 tot 10 dae as hoë besmetting Makadamianeutboorder vlakke voorduur.

BEEF A BUFF (Reg. No. L5441) is die registreerde produk of: GAP Chemicals.

WONDERLAND 200 SP

Reg. No. / Nr L10057 Act No. 36 of 1947/ Wet Nr 36 van 1947

INSECTICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

IRAC INSECTICIDE GROUP CODE:

4A

IRAC INSEKDOEDERGROEP KODE:

A water soluble powder, systemic insecticide with contact and stomach action for the control of pests as indicated on citrus, wheat, canola, barley, sugarcane, tree nuts and oats.

'n Wateroplosbare poeier, sistemiese insekdoder met kontak- en maagaksie vir die beheer van plae soos aangedui in sitrus, koring, kanola, gars, suikerriet, neutbome en hawer.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

acetamiprid (neonicotinoid).....200 g/kg..... asetamipried (neonikotiniëd)



DANGER

Hazard Statements:

Harmful if swallowed or if inhaled.
May be harmful in contact with skin.
Causes skin irritation.
Causes serious eye damage.
Toxic to aquatic life.

Precautionary Statements:

Avoid breathing dust.
IF SWALLOWED: Call a poison centre or doctor if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes.
If skin irritation occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3077



REGISTRATION HOLDER/ REGISTRASIEHOUER

Cedar Fall Properties 130 (Pty) Ltd
Reg. Nr: Reg. No. 2006/031383/07
61 Marshall Drive, Old Mill Industrial Park, Mount
Edgecombe, South Africa, 4300
Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100836

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100836