



PRISM MAX 600 WG

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

PRISM MAX 600 WG **HERBICIDE**

Reg. No. L8846, Act/Wet No. 36 of/van 1947
2: 10/09/2014

A water dispersible granule herbicide for the control of invader weeds in natural pastures and conservation areas.

'n Waterdispergeerbare korrel onkruidodder vir beheer van indringer plante in natuurlike weidings en bewaringsgebiede.

HRAC HERBICIDE GROUP CODE	B	HRAC ONKRUIDDODER GROEPKODE
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ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Metsulfuron-methyl (sulfonylurea) 600 g/kg Metsulfuronmetiel (sulfonielureum)

Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.
Reg. No. 2000/010819/07
P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid-Afrika

250g

UN Number: 3077

Meridian agritech

CAUTION / VERSIGTIG

VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK

GEbruiksaanwysings ingesluit
Lotonommer
Datum van vervaardiging

DIRECTIONS FOR USE ENCLOSED REFER TO DETAILS AS PRINTED ON CONTAINER / BAG
Batch Number
Date of manufacture

WARNINGS

Withholding period:

Allow the following number of days between application and grazing of natural pastures.....28 days

- The product may irritate eyes, nose, throat and skin.
- Store in a cool, dry place out of direct sunlight.
- Store away from food, feed, fertilizer and seed.
- Keep out of reach of children, uninformed persons and animals.
- In case of any uncertainty, contact your distributor.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy, 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 by the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Avoid skin and eye contact by wearing protective clothing when mixing the product.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing.
- In case of eye contact, immediately flush with water.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Do not inhale spray mist and avoid contact with spray.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- **Clean applicator after use:** Special attention and care must be taken in cleaning all equipment used in the mixing and application of **PRISM MAX 600 WG** to avoid possible damage to other crops.
 - i) Drain tank completely and flush tank, boom, hoses and nozzles with ample clean water.
 - ii) Drain tank again and fill with clean water.
 - iii) Add household ammonia at a rate of 1 litre for every 100 litres of water.
 - iv) Bleed the entire system once again to ensure that the ammonia solution has filled all hoses, boom and nozzles.
 - v) Leave the ammonia solution in the system for approximately 1 hour before draining the tank and pipe system.
 - vi) Repeat steps iii) to v).
 - vii) Nozzles and filters should be removed and placed in an ammonia solution of the above concentration for at least 1 hour.
 - viii) Contamination on mixing equipment should be washed with ammonia solution and any contamination on the outside of spraying equipment can be removed with clean water.
- Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Destroy the empty container and do not use for any other purpose.

USE RESTRICTIONS

- Prepare only sufficient spray mixture for immediate use. The mixture is usually stable for up to 6 hours. Unused spray mixture may not be kept overnight.
- Rain within 1 hour (or before the spray deposit has dried) of **PRISM MAX 600 WG** application may result in reduced efficacy.
- Do not apply **PRISM MAX 600 WG** unless the night time is above 5 °C for at least 5 consecutive nights.
- Do not apply **PRISM MAX 600 WG** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **PRISM MAX 600 WG** using an accurate and safe application technique.
- If **PRISM MAX 600 WG** is used in a tank mix with other recommended remedies, consideration should be given to the restrictions of those respective products.
- Do not spray near fruit trees or any other desirable crop/plant within 50 m in any wind direction.

- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Meridian Agrochemical Company (Pty) Ltd accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless a Meridian representative was consulted beforehand.

Factors affecting weed control:

Variable weed control or regrowth may occur should one or more of the following condition occur:

- Do not apply to crops and weeds stressed by abnormal weather or growing conditions, drought, waterlogged soil, hail or wind damage, cold conditions, insect damage, nematode infections, diseases or nutritional deficiencies.
- Should application of **PRISM MAX 600 WG** not take place according to the instructions on this leaflet.
- Do not apply **PRISM MAX 600 WG** within 24 hours of a predicted cold front or if a cold front is present. Continue application only after normal day/night temperatures have set in.
- In situations of high weed/foliage density, ensure adequate coverage of all weeds with the spray mixture.

RESISTANCE WARNING

- For resistance management, PRISM MAX 600 WG is a group code B herbicide.
- Some naturally-occurring weed biotypes resistant to the product and other Group B herbicides, may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other Group B herbicides.
- To prevent, or at least minimise, the risk of resistant weeds occurring, use PRISM MAX 600 WG in tank mixes (if appropriate), and/or rotations with herbicides having different modes of action and is effective on the same weed species. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.

To delay herbicide resistance:

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

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

The presence of resistant weeds is difficult to detect prior to use and therefore neither the Registration Holder nor the Distributor can accept responsibility for any losses as a result of **PRISM MAX 600 WG** not controlling resistant weeds. Do not apply **PRISM MAX 600 WG** alone in situations where weed resistance has been confirmed. Sub-standard application of **PRISM MAX 600 WG** or other ALS inhibitor herbicides will lead to inferior weed control and may assist in development of herbicide resistance.

DIRECTIONS FOR USE

Use only as directed.

MIXING INSTRUCTIONS

PRISM MAX 600 WG is a dry flowable formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the measuring cone provided measure the amount of product required for the volume to be sprayed. Add the correct amount of product to the spray tank with the agitation system engaged. Top up to the correct volume with water. **(THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION).**

When prepared spray solutions have been allowed to stand, thoroughly re-agitate before using. In tank mixes **PRISM MAX 600 WG** must be in suspension before adding the companion herbicide or surfactant. Before spraying calibrate equipment to determine the quantity of water necessary to uniformly cover the measured area to be treated.

When tank mixing with glyphosate, DO NOT mix in a galvanised steel or unlined steel containers. Such tanks can react with glyphosate to produce hydrogen gas; this can form a combustible gas mixture, which may explode when ignited.

Pre-mix the **PRISM MAX 600 WG** as follows:

- Count the number of sachets required according to the number of hectares to be treated and the spray tank capacity.
- Add the contents of the counted sachets into a bucket with water and mix, ensuring complete disintegration of the bags and complete dispersion of the contents.

Half-fill the spray tank with suitable water. Only use water suitable for irrigation and avoid using water with high levels of chlorine. Adjust the water's pH to between 6.7 and 7.5 if necessary. Avoid using spray water with resistance lower than 300 ohms and electrical conductivity higher than 1,0 mS/cm. Pre-mix the required quantity of **PRISM MAX 600 WG** in at least 10 litres of spray water as indicated above. Then add the pre-mixture to the water through a sieve while agitating. Rinse the pre-mixing bucket with water into the spray tank followed by the addition of the recommended quantity of surfactant. Finally, add the partner remedy as appropriate. Fill the spray tank to the desired volume. Should tank mixtures with other agrochemicals be made, follow the respective manufacturers' label recommendations.

Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight. Spraying equipment must be thoroughly flushed out at the end of the spraying operation as described above.

Use of a Surfactant/ Wetting Agent

ALWAYS ADD A SURFACTANT/WETTING AGENT.

Instructions specific for brush and herbaceous weed control.

If a specific surfactant/wetting agent is not listed in the Directions for Use table, or when mixing with glyphosate use a non-ionic surfactant (1000 g/L) such as Allwet or Solitaire.

COMPATIBILITY

PRISM MAX 600 WG is compatible with
PARTNER 650 (Reg. No. L5642 Act No. 36 of 1947), BP AGRIPON SUPER (Reg. No. L3022
Act No. 36 of 1947) MCPA, 2,4-D ESTER &
BOUNTY SL (Reg. No. L7628 Act No.36 of 1947)

APPLICATION METHODS

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application.

GROUND APPLICATION

Tractor mounted boom sprayers may be used. A spray volume of approximately 200 l/ha should be used for ground application and can be applied via solid- or hollow cone nozzles. **Constant agitation throughout the spray operation is essential.** Only clean water should be used. Prevent overdosing by avoiding overlapping of swaths and closing the nozzles while starting, slow movement, turning and stopping.

AERIAL APPLICATION

Aerial application of **PRISM MAX 600WG** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 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 litre 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: 30 to 40 droplets per cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 250 to 280 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:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) 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.

APPLICATION RATES

TARGET	RATE	REMARK
1. Gum coppice (<i>E.grandis</i>) Knapsack application	80 g per 100 ℓ water	Timing: Application may be made all year round. Avoid spraying under very cold conditions in the winter. Plant Height: Apply to active growing coppice between 0.5 and 2 m high. Surfactant: Add BP Agripron Super at 500 mℓ per 100 ℓ spray mix. Application: Apply to thoroughly wet all foliage but avoid run-off. Important: Avoid run-off onto the soil. Regrowth: If regrowth occurs, follow-up treatments on a spot spray basis may be necessary. Also refer to NOTES 1 & 2 below.
2. Gum coppice (<i>E.grandis</i>) Aerial application a. Mature coppice from 2nd rotation onwards b. Regenerated or seedling trees	200 g PRISM MAX 600 WG + 3 ℓ Bounty 360 SL per ha 150 g PRISM MAX 600 WG + 3 ℓ Bounty 360 SL per ha	COPPICE REQUIREMENTS: Timing: Application may be made all year round. Avoid spraying under very dry or cold conditions as efficacy may be reduced. Plant Height: Coppice and/or seedlings must be between 1,5 and 1,8 m high. Ensure all viable buds have sprouted. Regrowth: Manual spot-spraying may be necessary where regrowth occurs, at the following rate: PRISM MAX 600 WG at 80 g/100 ℓ water plus wetter. AERIAL APPLICATION REQUIREMENTS: Conditions: Only spray under conditions ideal for aerial application. Even a slight breeze will cause shading due to drift. Application Volume: A MINIMUM water volume of 100 ℓ/ha must be used. Higher water volumes will improve efficacy. Swath Direction: Approaching the target from both directions will improve coverage and reduce shading. Surfactant: Not necessary. See "Aerial Application" under DIRECTIONS FOR USE above for detailed requirements. Also refer to NOTES 1 & 2 below.

<p>3. Gum cut stump (<i>E.grandis</i>)</p>	<p>180 g per 100 l water</p>	<p>Timing: Application should be directed at the cambium layer of the stump within two hours of felling. Preferably apply immediately after felling.</p> <p>Volume: Apply 15-20 ml of spray mixture per 10 cm stump diameter (measured at ground level). A minimum of 15 ml of spray mixture must be applied to each 10 cm stem in the case of multi-stem trees. Method: Use a low pressure knapsack sprayer, a hand-held applicator or dosing gun. Surfactant: Addition of BP Agripron Super at 500 ml per 100 l spray mix will improve efficacy. Important: Avoid run-off onto the soil. Application later than two hours after felling will result in reduced efficacy. Also refer to NOTES 1 & 2 below.</p>
<p>4. American Bramble (<i>Rubus cuneifolius</i>)</p>	<p>25 g / 100 l water</p>	<p>Timing: A single application made during the active growing period (October to April) and preferably during the late summer (January to end April) but before the onset of winter.</p> <p>Target: Apply to the foliage of actively growing weeds.</p> <p>Ground application: Ensure thorough coverage of the foliage, avoid run-off.</p> <p>Apply in 200 – 400 l per ha depending on the height, growth habit of the plants and the density of the infestation.</p> <p>Surfactant: Add a surfactant such as BP Agripron Super at the recommended rate.</p> <p>Re-growth: A follow-up spot treatment may be necessary during the third season after application.</p> <p>Refer to NOTES below.</p>
<p>5. Triffid weed (<i>Chromolaena odorata</i>) Knapsack application</p>	<p>25 g / 100 l water</p>	<p>Timing: A single application made during the active growing period from spring to late summer (October - April) but before the onset of winter.</p> <p>Target: Apply to the foliage of actively growing weeds.</p> <p>Plant height: Plants should be 0.5 – 0.75 m in height at application and actively growing.</p> <p>Ground application: Ensure thorough coverage of the foliage, avoid run-off.</p> <p>Apply in 200 – 400 l per ha depending on the height, growth habit of the plants and the density of the infestation.</p> <p>Surfactant: Add a surfactant such as BP Agripron Super at the recommended rate.</p> <p>Re-growth: A follow-up spot treatment may be necessary where regrowth occurs.</p> <p>Refer to NOTES below.</p>

<p>6. Bankrupt Bush (<i>Stoebe vulgaris</i>) Knapsack and tractor application</p>	<p>25 – 50 g / 100 ℓ water</p>	<p>Timing: A single application made during the active growing period (October to April) and preferably during the late summer (January to end April) but before the onset of winter. Target: Apply to the foliage of actively growing weeds. Removing the dead foliage of <i>Stoebe vulgaris</i> by means of slashing or burning before application will improve the uptake of the PRISM MAX 600 WG, resulting in better control. However, slashing may result in the release of ample seed, which will have to be controlled in the following season. Plant height: Use 25 g / 100 ℓ when treating plants of up to 0.75 m in height that have adequate green foliage for uptake. Use 50 g / 100 ℓ when the plants are > 0.75 m in height or have many dead branches that may intercept the spray mixture and thereby limit the coverage and / or absorption of the active ingredient. Ground application: Ensure thorough coverage of the foliage, avoid run-off. Apply in 250 – 400 ℓ per ha depending on the height, growth habit of the plants and the density of the infestation. Surfactant: Add a surfactant such as BP Agripon Super at the recommended rate Re-growth: Spot-spraying must be done in the following year if regrowth occurs. Refer to NOTES below.</p>
<p>7. Pom-pom weed (<i>Campylocotinium macrocephalum</i>)</p>	<p>25 g / 100 ℓ water</p>	<p>Timing: A single application made during the active growing period (October to April) and preferably during the late summer (January to end April) but before the onset of winter. Target: Apply to the foliage of actively growing weeds. Ground application: Ensure thorough coverage of the foliage, avoid run-off. Apply in 200 – 400 ℓ per ha depending on the height, growth habit of the plants and the density of the infestation. Surfactant: Add a surfactant such as BP Agripon Super at the recommended rate. Re-growth: Spot-spraying may be needed where re-growth occurs. Refer to NOTES below.</p>
<p>8. Grey poplar (<i>Populus canescens</i>)</p>	<p>80 g / 100 ℓ water</p>	<p>Timing: A single application made during the active growing period (October to April) and preferably during the late summer (January to end April) but before the onset of winter. Target: Apply to the foliage of actively growing weeds. Ground application: Ensure thorough coverage of the foliage, avoid run-off. Apply in 200 – 400 ℓ per ha depending on the height, growth habit of the plants and the density of the infestation. Surfactant: Add a surfactant such as BP Agripon Super at the recommended rate. Re-growth: Spot-spraying may be needed where re-growth occurs. Refer to NOTES below</p>

NOTES:

PRISM MAX 600 WG will control desirable broadleaf plants/trees if accidentally treated during application. Only apply **PRISM MAX 600 WG** as directed applications on the target species in the vicinity of desirable broadleaf trees or plants.

PRISM MAX 600 WG will not kill grasses and sedges accidentally treated during application. No broadleaf plants can be planted in areas where the above - mentioned target species have been controlled with **PRISM MAX 600 WG** for a minimum period of 12 months.

ACKNOWLEDGEMENT OF TRADEMARKS

Bounty SL	(L7628)	Meridian Agrochemical Company (Pty) Ltd.
BP Agripon Super	(L3022)	BP SA
Partner 650	(L5642)	Universal Crop Protection (Px5okty) Ltd.

WAARSKUWINGS

Onthoudingsperiode:

Laat die volgende aantal dae toe tussen toediening en beweiding van natuurlike weiding28 dae

- Die produk mag oë, neus, keel en vel irriteer.
- Bêre in 'n koel, droë plek weg van direkte sonlig af.
- Bêre weg van voedsel, voer, kunsmis en saad.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In die geval van enige onsekerheid, kontak jou verspreider.
- **Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing van die gebiede wat bespuit gaan word in kennis en reik die nodige waarskuwings uit.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en effek daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui en die voorkoms van weerstand van die onkruid teen die betrokke middel, sowel as deur die metode, tyd en akkuraatheid van toediening. Die registrasiehouer aanvaar geen verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek omiddel betrokke as gevolg van versuim van die gebruiker om die etiketaanwysings na te volg, p mens of dier of vir 'n gebrek aan prestasie van die betrokke of aan die voorkoms van toestande wat nie kragtens die registrasie voorsien nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Vermyn vel- en oogkontak deur beskermende oorklere te dra wanneer die produk gemeng word.
- Was met seep en water na gebruik en toevallige velkontak; so ook die besoedelde klere.
- In geval van oogkontak, spoel onmiddellik uit met water.
- Was besoedelde klere na gebruik.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Moet nie spuitnewel inasem nie en vermyn kontak met die spuitstof.
- Vermyn wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
- **Maak toedieningsapparaat deeglik skoon na gebruik:** Spesiale aandag en sorg moet geneem word in die skoonmaak van alle toerusting wat gebruik word in die meng- en toediening van **PRISM MAX 600 WG** om moontlike skade aan ander gewasse te voorkom.
 - i. Dreineer die tenk volledig, spoel tenk, spuitbalk, pype en spuitpunte heeltemal uit met genoegsame skoon water.
 - ii. Dreineer die spuittenk weer en vul met skoon water.
 - iii. Voeg huishoudelike ammoniak teen 1 liter vir elke 100 liter water by.
 - iv. Bloei die hele stelsel weer om te verseker dat die ammoniakoplossing al die pype, spuitbalk en spuitpunte gevul het.
 - v. Los die ammoniakoplossing in die stelsel vir ongeveer 1 uur voordat die tenk en pypstelsel gedreineer word.
 - vi. Herhaal punte iii) tot v).
 - vii. Spuitkoppe en filters moet verwyder word en in 'n ammoniakoplossing van die bogenoemde konsentrasie vir ten minste 1 uur gelos word.
 - viii. Besoedeling op die mengtoerusting moet afgewas word met ammoniakoplossing en enige besoedeling aan die buitekant van spuittoerusting kan met skoon water verwyder word.
- Raak ontslae van spoelwater waar dit nie gewasse, weiding, riviere, damme en boorgate sal besoedel nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Spoel die leë houder **drie keer** uit op die volgende manier: Keer die leë houder om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeï tot 'n drup verminder het. Spoel die leë

houer daarna drie keer 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.

- Vernietig die leë houer, moet dit nie vir enige ander doel gebruik nie.

GEBRUIKSBEPERKINGS

- Berei slegs genoeg spuitmengsel voor vir onmiddellike gebruik. Die mengsel is gewoonlik stabiel vir ongeveer 6 ure. Ongebruikte spuitmengsel mag nie oornag oorgehou word nie.
- Reën binne 1 uur (of voor die spuitneerslag droog is) na 'n **PRISM MAX 600 WG** toediening kan tot verswakte effektiwiteit lei.
- Moet nie **PRISM MAX 600 WG** toedien tensy die nagtemperatuur bokant 5 °C vir ten minste 5 opeenvolgende nagte is nie.
- Moet nie **PRISM MAX 600 WG** op enige gewas of situasie gebruik wat nie in hierdie etiket verskyn nie.
- Dien **PRISM MAX 600 WG** slegs met behulp van akkurate en betroubare toedieningsmetodes toe.
- As **PRISM MAX 600 WG** in 'n tenkmengsel met ander aanbevole middels gebruik word, moet oorweging geskenk word aan die beperkings van daardie onderskeie produkte.
- Moet nie naby vrugtebome of enige ander wenslik gewasse/plante spuit nie. Laat 'n afstand van 50m in enige windrigting vir bespuiting toe.
- Moet nie hierdie produk in kombinasie of mengsel met enige ander produk of landboumiddel gebruik wat nie spesifiek op die etiket gelys is nie. Meridian Agrochemical Company (Edms.) Bpk. aanvaar geen verantwoordelikheid vir enige negatiewe gevolge ervaar indien die instruksies op die etiket nie nagekom word nie, tensy 'n Meridian verteenwoordiger vooraf geraadpleeg is.

Faktore wat onkruidbeheer beïnvloed:

Wisselvalige onkruidbeheer of hergroei mag voorkom indien een of meer van die volgende toestande voorkom:

- Moet nie op gewasse en onkruid toedien wat onder strestoestande verkeer weens abnormale weers- of groeitoestande, droogte, versuiptoestande, hael of windskaide, koue toestande, insekskade, aalwurminfeksies, siektes of voedingstekorte.
- Indien die toediening van **PRISM MAX 600 WG** nie volgens die instruksies op hierdie etiket plaasvind nie.
- Moet nie **PRISM MAX 600 WG** binne 24 uur van 'n voorspelde kouefront of as 'n kouefront teenwoordig is, gebruik nie. Gaan met toediening voort slegs nadat die normale dag/nag temperature herstel is.
- In situasies van hoë onkruid- en/of loofdigtheid, verseker dat daar voldoende bedekking van alle onkruid met die spuitmengsel is.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **PRISM MAX 600 WG** 'n groepkode B onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **PRISM MAX 600 WG**, of enige ander groepkode B onkruiddoder het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **PRISM MAX 600 WG** of enige ander groepkode B onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te verhoog:

- Vermoed die eksklusiewe herhaaldelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, produkte in verskillende onkruiddoder-groepcodes.
- Integreer ander beheermaatreels (chemies, verbouing, biologies) in onkruidbeheerprogramme.

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

Die teenwoordigheid van sulke weerstandbiedende onkruid is moeilik om te bepaal voordat die onkruiddoder toegedien word. Die registrasiehouer en verspreider kan dus nie verantwoordelikheid vir enige verliese aanvaar wat mag voortspruit uit swak onkruidbeheer van weerstandbiedende onkruidtipes nie. Waar weerstand bekend is, moet **PRISM MAX 600 WG** nie alleen toegedien word nie.

Té lae dosisse **PRISM MAX 600 WG** of ander groepkode B onkruiddoders sal lei tot onbevredigende onkruidbeheer wat kan bydra tot die ontwikkeling van onkruiddoderweerstand.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

PRISM MAX 600 WG is 'n disperseerbare korrelformulering wat met water gemeng moet word en as 'n bespuiting toegedien word. Vul die spuittenk gedeeltelik met water. Gebruik die meetapparaat om die korrekte hoeveelheid van die produk wat benodig word vir die volume wat bespuit gaan word af te meet. Voeg die regte hoeveelheid van die produk in die spuittenk met die roermeganisme aangeskakel. Vul tot bo met korrekte volume water. **(DIE MATERIAAL MOET DEURENTYD IN SUSPENSIE GEHOU WORD MET DEURLOPENDE ROERING).**

Wanneer spuitoplossings toegelaat word om vir 'n tydperk in die spuittenk te staan, moet dit deeglik geroer word voor gebruik. In tenkmengsels moet **PRISM MAX 600 WG** in suspensie wees voordat ander onkruidodder of benatters bygevoeg word. Voor toediening moet toerusting gekalibreer word om die korrekte hoeveelheid water te bepaal wat benodig gaan word om egalige toediening oor die behandelde gebied te verseker.

Wanneer tenkmengsels met glifosaat gemaak word, **MOET DIT NIE** in 'n gegalvaniseerde staal of ongevoerde staalhouers gemeng word nie. Sulke tenks kan met glifosaat reageer en 'n hidrotoksiese gas produseer; dit kan 'n brandbare gasmengsel vorm wat kan ontplof indien dit aan die brand gestee word.

Meng die **PRISM MAX 600 WG** vooraf soos volg:

- Tel die aantal pakkies wat benodig word volgens die aantal hektare wat behandel gaan word en die spuittenkkapasiteit.
- Voeg die inhoud van die aantal sakkies in 'n emmer met water en meng totdat die sakkies volledige gedisintegreer het en die inhoud volledig versprei het.

Maak die spuittenk halfvol met geskikte water. Gebruik slegs water wat geskik is vir besproeiing en vermy die gebruik van water met hoë vlakke van chloor. Pas eers die water se pH tussen 6,7 en 7,5 aan indien nodig. Vermy die gebruik van spuitwater met weerstand laer as 300 ohm en elektriese geleidingsvermoë wat hoër as 1,0 mS / cm is. Voor-meng die benodigde hoeveelheid **PRISM MAX 600 WG** in ten minste 10 liter spuitwater soos hierbo aangedui. Voeg dan die voormengsel by die water deur 'n sif, terwyl dit geroer word. Spoel die emmer met die voormengsel met water in die spuittenk uit, gevolg deur die byvoeging van die aanbevole hoeveelheid benatter. Laastens, voeg die vennootmiddels by soos toepaslik. Vul die spuittenk tot die verlangde volume. Indien tenkmengsels met ander landbouchemikalieë gemaak word, volg die onderskeie vervaardigers se etiketaanbevelings.

Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om oornag in die spuittenk te staan nie. Spuittoerusting moet deeglik aan die einde van die toediening, soos hierbo beskryf, skoongemaak word.

Gebruik van 'n Benatter/Benattingsmiddel

VOEG ALTYD 'N BENATTER/BENATTINGSMIDDEL BY.

Instruksies spesifiek vir borsel- en kruidagtige onkruidbeheer.

Indien 'n spesifieke benatter/benattingsmiddel nie in die Gebruiksaanwysingstabel gelys is nie, of indien dit met glifosaat gemeng word, gebruik 'n nie-ioniese benatter (1000 g/L) soos Allwet of Solitaire.

VERENIGBAARHEID

PRISM MAX 600 WG tenkmengsels is verenigbaar met PARTNER 650 (Reg. Nr. L5642 Wet 36 van 1947), BP AGRIPON SUPER (Reg. Nr. L3022 Wet 36 van 1947), MCPA, 2,4-D ESTER & Bounty SL (Reg. Nr. L7628 Wet Nr. 36 van 1947)

TOEDIENINGSMETODES

Maak seker dat die toerusting korrek gekalibreer is en is gereeld nagegaan word tydens toediening om egalige en akkurate toediening te verseker.

GRONDTOEDIENING

Trekkergemonteerde spuitbalke mag gebruik word. 'n Spuitvolume van ongeveer 200 l/ha moet gebruik word vir grondoediening en kan aangewend word deur middel van soliede- of holkeëlsputpunte. **Konstante roering regdeur die spuitproses is noodsaaklik.** Slegs skoon water moet gebruik word. Voorkom oordosering deur oorvleueling van spuitbane te vermy en die afsluiting van die spuitpunte aan die begin van toediening, tydens stadige beweging, draaie en wanneer stilgestaan word.

LUGTOEDIENING

Lugtoediening van **PRISM MAX 600WG** mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Pesticides) gedoen word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word en dat die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is dus noodsaaklik dat die volgende kriteria voldoen word:

- Volume: 'n Spuitmengsel volume van 30 liter per hektaar word aanbeveel. Aangesien hierdie produk nie teen 'n verlaagde volume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- Druppelbedekking: 30 tot 40 druppels per cm² moet op die teikenarea herwin word.
- Druppelgrootte: 'n Druppelspektrum met 'n VMD van 250 tot 280 mikron word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikron (hoë wegdrywing en verdampingspotensiaal) tot 'n minimum.
- Vlieghoogte: Handhaaf die hoogte van die spuitbalk op 3 tot 4 meter bokant die teiken. Moet nie spuit wanneer die vliegtuig duik, of in 'n uitklim of draai is nie.
- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike relatiewe span produseer.
- Plaas al die atomiseerders in die binneste 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, soos deur die swaai-higrometer bepaal, moet nie 8 °C oorskry nie.
- Staak bespuiting indien die windspoed 15 km/h oorskry.
- Moet nie tydens turbulente, onstabiele en droë toestande gedurende die hitte van die dag spuit nie.
- Bespuiting onder temperatuurinversie-toestande (deur bokant of binne-in die inversielaag te spuit) en/of hoë lugvogtoestande (relatiewe humiditeit 80% en hoër) mag lei tot die volgende:
 - a) verlaagde effektiwiteit aangesien die suspensie en verdamping van klein druppels in die lug (onvoldoende bedekking op teikenarea) plaasvind.
 - b) skade aan ander sensitiewe gewasse en/of nie-teikenareas as gevolg van wegdrywing van die spuitwolk weg van die teikenarea af.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Verkry 'n versekering van die Lugbespuitingsoperateur dat aan bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgestel sal word en vir toekomstige verwysing bewaar sal word.

AANBEVELINGS

TEIKEN	DOSIS	OPMERKING
1. Bloekom (<i>E.grandis</i>) Rugsakspuit- toediening	80 g per 100 l Water	Tydskalkulering: Toediening kan enige tyd van die jaar gedoen word. Vermoed bespuiting onder baie koue toestande in die winter. Plant hoogte: Dien toe op aktief groeiende bloekombome tussen 0,5 en 2 m hoog. Benatter: Voeg BP Agripron Super teen 500 ml per 100 l spuitmengsel by. Toediening: Dien toe om deeglike benatting te verseker maar vermoed afloop. Belangrik: Vermoed afloop op die grond. Hergroei: Indien hergroei voorkom, mag opvolgbehandelings op 'n kolbespuitings basis nodig wees. Verwys ook na NOTAS 1 & 2 hieronder.

<p>2. Bloekom (<i>E.grandis</i>) Lugtoediening a. Volwasse bloekom vanaf 2de rotasie</p> <p>b. Hergroei of saailingbome</p>	<p>200 g PRISM MAX 600 WG + 3 l Bounty 360 SL per ha</p> <p>150 g PRISM MAX 600 WG + 3 l Bounty 360 SL per ha</p>	<p>HERGROEI VEREISTES: Tydsberekening: Toediening kan enige tyd van die jaar gedoen word. Vermyn bespuiting onder baie droë of koue toestande deurdat die effektiwiteit verminder kan word. Planthoogte: kreupelbos en/of saailinge moet tussen 1,5 en 1,8 m hoog wees. Maak seker dat alle lewensvatbare knoppe uitgeloop het. Hergroei: Kolbespuiting met rugsak mag nodig wees waar hergroei voorkom, teen die volgende dosis: PRISM MAX 600 WG teen 80 g/100 l water plus benatter. LUGTOEDIENINGSVEREISTES: Voorwaardes: Spuit slegs onder ideale omstandighede vir lugtoediening. Selfs 'n ligte wind sal afskerming deur wegdrywing veroorsaak. Toedieningsvolume: 'n Minimum water volume van 100 l/ha moet gebruik word. Hoër water volumes sal effektiwiteit verbeter. Spuitbaanrigting: Bespuiting in beide rigtings, sal bedekking verbeter en spuitskadu's verminder. Benatter: Nie nodig nie. Sien "Lugtoediening" onder die aanwysings hierbo vir gedetailleerde vereistes. Ook verwys na die NOTAS 1 & 2 hieronder.</p>
<p>3. Bloekom gesnyde stomp (<i>E.grandis</i>)</p>	<p>180 g per 100 l water</p>	<p>Tydsberekening: Toediening moet gerig word aan die kambiumlaag van die stomp binne twee ure van afsaag. Verkieslik onmiddellik na afsaag moet toediening gedoen word. Volume: Dien 15-20 ml spuitmengsel per 10 cm stompdeursnee (gemeet op grondvlak) toe. 'n MINIMUM van 15 ml spuitmengsel moet toegedien word op elke 10 cm stam in die geval van multi-stam-bome. Metode: Gebruik 'n lae druk rugsakspuit, 'n hand-gehoue toedieningsapparaat of doseringsapparaat. Benatter: Byvoeging van BP Agripron Super teen 500 ml per 100 l spuitmengsel sal effektiwiteit verbeter. Belangrik: Vermyn afloop op die grond. Toediening later as twee ure na afsaag sal lei tot verlaagde effektiwiteit. Verwys ook na NOTAS 1 & 2 hieronder.</p>

TEIKEN	DOSIS	OPMERKING
<p>4. Amerikaanse Braam (<i>Rubus cuneifolius</i>)</p>	<p>25g per 100l water</p>	<p>Tydsberekening: 'n Enkele toediening gedurende die aktiefgroeiende periode (Oktober tot April) en verkieslik gedurende die laat somer (Januarie tot einde April), maar voor die aanvang van winter. Teiken: Dien op die blare van aktiefgroeiende onkruid toe. Grondtoediening: Verseker behoorlike bedekking van die blare en verhoed afloop. Dien toe in 200 - 400 l water per ha, afhangend van die hoogte, groeipatroon en digtheid van die onkruid. Benatter: Voeg BP Agripron Super teen die aanbevole dosis by. Hergroei: Indien hergroei voorkom, mag kolbespuitings gedurende die derde seisoen na behandeling nodig wees. Verwys ook na NOTAS hieronder.</p>

<p>5. Parafienbos (<i>Chromolaena odorata</i>)</p> <p>Rugsakbespuiting</p>	<p>25g per 100l water</p>	<p>Tydsberekening: 'n Enkele toediening gedurende die aktiefgroeiende periode (Oktober tot April) en verkieslik gedurende die laat somer (Januarie tot einde April), maar voor die aanvang van winter.</p> <p>Teiken: Dien op die blare van aktiefgroeiende onkruid toe.</p> <p>Grondtoediening: Verseker behoorlike bedekking van die blare en verhoed afloop. Dien toe in 200 - 400 l water per ha, afhangend van die hoogte, groeipatroon en digtheid van die onkruid.</p> <p>Benatter: Voeg BP Agripron Super teen die aanbevole dosis by.</p> <p>Hergroei: Indien hergroei voorkom, mag kolbespuitings nodig wees.</p> <p>Verwys ook na NOTAS hieronder.</p>
<p>6. Bankrotbos (Slangbos) (<i>Stoebe vulgaris</i>)</p>	<p>25 - 50 g per 100l water</p>	<p>Tydsberekening: 'n Enkele toediening gedurende die aktiefgroeiende periode (Oktober tot April) en verkieslik gedurende die laat somer (Januarie tot einde April), maar voor die aanvang van winter.</p> <p>Teiken: Dien op die blare van aktiefgroeiende onkruid toe. Deur die dooie blare van <i>Stoebe vulgaris</i> te verwyder d.m.v. afkap en brand voor toediening sal die opname van PRISM MAX verbeter en dus verbeterde beheer gee. Die afkap kan egter saadstorting veroorsaak wat in die volgende seisoen beheer sal moet word.</p> <p>Planthoogte: Dien 25g/100 l op plante wat 0,75 m hoog is met voldoende groenblare vir opname. Gebruik 50g/100 l indien plante groter as 0.75 m is en baie dooie takke het wat goeie bedekking sal belemmer en dus absopsie van die aktiewe bestanddeel verhoed.</p> <p>Grondtoediening: Verseker behoorlike bedekking van die blare en verhoed afloop. Dien toe in 200 - 400 l water per ha, afhangend van die hoogte, groeipatroon en digtheid van die onkruid.</p> <p>Benatter: Voeg BP Agripron Super teen die aanbevole dosis by.</p> <p>Hergroei: Indien hergroei voorkom, mag kolbespuitings nodig wees.</p> <p>Verwys ook na NOTAS hieronder.</p>
<p>7. Pompombossie (<i>Campuclostinium macrocephalum</i>)</p>	<p>25g per 100l water</p>	<p>Tydsberekening: 'n Enkele toediening gedurende die aktiefgroeiende periode (Oktober tot April) en verkieslik gedurende die laat somer (Januarie tot einde April), maar voor die aanvang van winter.</p> <p>Teiken: Dien op die blare van aktiefgroeiende onkruid toe.</p> <p>Grondtoediening: Verseker behoorlike bedekking van die blare en verhoed afloop. Dien toe in 200 - 400 l water per ha, afhangend van die hoogte, groeipatroon en digtheid van die onkruid.</p> <p>Benatter: Voeg BP Agripron Super teen die aanbevole dosis by.</p> <p>Hergroei: Indien hergroei voorkom, mag kolbespuitings nodig wees.</p> <p>Verwys ook na NOTAS hieronder.</p>

8. Vaalpopulier (<i>Populus canescens</i>)	80g per 100l water	<p>Tydsberekening: 'n Enkele toediening gedurende die aktiefgroeiende periode (Oktober tot April) en verkieslik gedurende die laat somer (Januarie tot einde April), maar voor die aanvang van winter.</p> <p>Teiken: Dien op die blare van aktiefgroeiende onkruid toe.</p> <p>Grondtoediening: Verseker behoorlike bedekking van die blare en verhoed afloop. Dien toe in 200 - 400 l water per ha, afhangend van die hoogte, groeipatroon en digtheid van die onkruid.</p> <p>Benatter: Voeg BP Agripron Super teen die aanbevole dosis by.</p> <p>Hergroei: Indien hergroei voorkom, mag kolbespuitings nodig wees.</p> <p>Verwys ook na NOTAS hieronder.</p>
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NOTAS:

PRISM MAX 600 WG sal wenslike breëblaarplante/bome doodmaak indien hulle per ongeluk behandel word tydens toediening.

PRISM MAX 600 WG moet slegs toegedien word as 'n gerigte bespuiting op die teikenspesies in die omgewing van gewenste breëblaarbome of plante.

PRISM MAX 600 WG sal nie grasse en uittjies doodmaak wat per ongeluk behandel is tydens toediening nie. Geen breëblaarplante kan in gebiede waar die bogenoemde teikenspesies met **PRISM MAX 600 WG** beheer is vir 'n minimum tydperk van 12 maande aangeplant word nie.

ERKENNING VAN HANDELSMERKE

Bounty SL
BP Agripron Super
Partner 650

Meridian Agrochemical Company (Edms.) Bpk.
BP SA
Universal Crop Protection(Edms.) Bpk.