PROZAMIDE 500 SC

WARNINGS

- After pasture treatment with **PROZAMIDE 500 SC**, a waiting period of 15 days should be allowed between treatment and re-use of the pasture for grazing purposes.
- Harmful when swallowed.
- Irritating to the eyes, skin and respiratory tract.
- Avoid contact with eyes.
- Store away from food and feeds.
- Keep out of reach of children, animals and uninformed persons.
- Handle with care.
- Store under lock and key in a dry, cool place out of direct sunlight away from food and feeds.
- **Re-entry** – Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be 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

- Do not inhale spray mist.
- Wear rubber gloves and a face shield when handling the concentrate.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing.
- In the case of eye contact, wash with copious amounts of water.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face or changing clothes.
- Avoid drift of the spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean the applicator after use. Dispose of the rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Invert the empty container over the spray or mixing tank and allow it to drain for at least 30 seconds after the flow has slowed to a drip. Thereafter rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsate to the contents of the spray tank.
- Destroy the empty container and do not use it for any other purpose.
- When **PROZAMIDE 500 SC** is used in combination with other products, consideration should be given to the instructions and crop rotation requirements of those particular products.

USE RESTRICTIONS

- Do not use **PROZAMIDE 500 SC** in nurseries or on nursery stock.
- The following crops should not be planted on **PROZAMIDE 500 SC** treated soil within 6 months following the date of application.

  - Brassica’s (Broccoli, Brussels sprouts, Cabbage, Canola, Cauliflower), Beans, Onions and Potatoes.

- For cereals (Wheat, Barley, Oats, Rye) consult the following table:

CULTIVATION METHOD	PLANTING METHOD	WAITING PERIOD
No Till	Planted with a planter	10 months
No Till	Broadcast sown	18 months
Till	Planted with a planter	18 months
Till	Broadcast sown	18 months

- A waiting period of 12 months from the date of **PROZAMIDE 500 SC** application should be allowed for all other crops not mentioned above.
- High temperatures and low or no rainfall shortly after application can have a negative influence on the effectiveness of **PROZAMIDE 500 SC**.
- Do not apply **PROZAMIDE 500 SC** to any crop or situation not mentioned in this label.

RESISTANCE WARNING

For resistance management, **PROZAMIDE 500 SC** is a group code K1 herbicide. Any weed population may contain individuals naturally resistant to **PROZAMIDE 500 SC** or other group code K1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **PROZAMIDE 500 SC** or any other group code K1 herbicide.

To delay herbicide resistance

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

Since the occurrence of resistance cannot be forecast, users are advised to keep the treated crops under close observation. If treatment is not effective following the use of **PROZAMIDE 500 SC** as recommended, a resistant population may be present. If a resistant population is positively identified, consideration should be given to the prompt use of a herbicide with a different mode of action for which there is no record of resistance to the relevant pest. For specific information on resistance management, contact the registration holder of this product.

MODE OF ACTION

PROZAMIDE 500 SC is a soil-acting herbicide with uptake occurring through the roots of germinating and newly emerged sensitive grasses. Sufficient rain or irrigation (≥15 mm) in one precipitation within 5 days of application is essential to leach the **PROZAMIDE 500 SC** into the root zone of sensitive weeds.
The best results are obtained when **PROZAMIDE 500 SC** is applied to a soil surface which is moist and has settled (due to rain or irrigation breaking up soil clods or smoothening loose soil caused by cultivation processes). The soil surface should be relatively fine, even and firm without large clods and it should be free of excessive organic and surface material (dead or rotting weeds, leaves, plant cuttings etc.)
Note that **PROZAMIDE 500 SC** should only be applied in winter as the product is more active in cool conditions. Warmer conditions promote product degradation and shorter residual effects.

DIRECTIONS FOR USE
Use only as directed.

MIXING INSTRUCTIONS

Half-fill the spray tank with suitable water, then mix the required amount of **PROZAMIDE 500 SC** with water in a bucket or mixing tank. Add the **PROZAMIDE 500 SC** mixture and the balance of the water to the spray tank while agitating.

Maintain constant, thorough agitation throughout mixing and spraying. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.** The spraying equipment must be thoroughly flushed out at the end of the spraying operation.

The choice and arrangement of flat fan nozzles must be such that an even distribution and optimum recovery of the **PROZAMIDE 500 SC** on the soil is obtained. Apply **PROZAMIDE 500 SC** broadcast in a sufficient spray volume of at least 150 liters per hectare in order to ensure that the product reaches the soil surface as an evenly distributed spray. Too low a volume will result in the spray mix being intercepted by the foliage of the crop and/or weeds, or being affected by the wind or groundspeed, resulting in an uneven and/or inadequate distribution of **PROZAMIDE 500 SC** on the soil surface. Even and adequate distribution of **PROZAMIDE 500 SC** on the soil surface is stressed above, as without achieving this poor weed control is likely to result.

COMPATIBILITY

The compatibility of **PROZAMIDE 500 SC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time and the water quality may vary from farm to farm, it is recommended that a physical compatibility test be done prior to the tank mixture being made. **PROZAMIDE 500 SC** is compatible with post-emergence herbicides such as **Bounty SL** (L. 7268), **Bounty 500 WSG** (L. 6698), **Scorcher** (L 9085) or **Nirvana** (L 9838).

APPLICATION METHODS

Make use of only correctly calibrated spray equipment that has effective strong agitation in the spray tank and that is checked regularly during application in order to ensure even and accurate application. Any medium or high volume equipment may be used. A spray volume of at least 150 ℓ/ha should be used for application and can be applied via flat fan-type nozzles, preferably the low drift type to avoid fine droplets. **Constant agitation throughout the spray operation is essential.** Only clean water should be used.

RECOMMENDATIONS

ONLY FOR APPLICATIONS DURING THE WINTER MONTHS

CROP	**Dosage**	**REMARKS**
Apples, peaches (including nectarines), pears and grapes **In the winter rainfall area only.** Apply **PROZAMIDE 500 SC** preferably in the dormant stage of orchards and vineyards. When applied after bud burst, the spray should be directed to the soil – do not apply **PROZAMIDE 500 SC** over any crop parts after bud burst. **DO NOT** apply **PROZAMIDE 500 SC** to any nursery stock. **DO NOT** apply **PROZAMIDE 500 SC** to any orchards or vines within ten (10) months after transplanting.	1.5 – 3 ℓ/ha (See remarks)	Apply **PROZAMIDE 500 SC** in winter, pre-emergence to early post-emergence of annual winter grasses. Direct the spray to the soil surface and do not spray over the trees or vines. A pre-emergence application is preferable. The lower rate of 1.5 ℓ **PROZAMIDE 500 SC** / ha should only be considered in situations when annual grass weeds have not emerged yet and where the soil surface is clean and free of organic plant material. For post-emergence application use the higher rate of 3.0 ℓ **PROZAMIDE 500 SC**. For the best results the annual grasses should not be beyond the 3 leaf stage and the area to be treated should be relatively free (< 10% of soil surface) of organic material or surface litter coverage (dead or decaying weeds, leaves, mowing clippings, etc.). **PROZAMIDE 500 SC** is not absorbed through the leaves and acts mainly through root absorption. For the best results water (rain or overhead irrigation) is required within 1-5 days after application. At least 15 mm rain or overhead irrigation is necessary in one precipitation to leach the **PROZAMIDE 500 SC** into the soil to within the root zone of the germinating annual grasses, and to activate the product.

CROP	Dosage	REMARKS
Leguminous pastures (Established pastures in the Winter Rainfall area)	1.0 – 1.5 ℓ/ha (See remarks)	Annual grasses should be pre-emergence (preferably) to early post-emergence (not past the 3 leaf stage) at the time of the application. Apply just after the first meaningful winter rain, when the soil is moist and the soil temperatures are cooler. Sufficient rainfall of 15 mm or more within 5 days after application is essential to leach the **PROZAMIDE 500 SC** to the root zone of the weeds or poor annual grass control could result. The lower dosage rate should only be applied if all of the following conditions apply: • Where no tillage has taken place (undisturbed soils). • Under conditions of high rainfall early in the season, and • Before the grasses have reached the 2-leaf stage. The higher dosage rate should only be applied if all of the following conditions apply: • Where tillage has taken place (loose soils). • Under conditions of low rainfall and, • When the annual grasses are beyond the 2-leaf stage but not past the 4 – 5 leaf stage, as poor grass weed control may result. A high and thick stand of pastures must first be grazed down before application takes place in order to allow access of the **PROZAMIDE 500 SC** onto the soil surface. **NOTE: PROZAMIDE 500 SC** can be used with safety in the normal *Medicago* spp. and *Trifolium* spp. pasture mixtures used in the Winter Rainfall Region.
Leguminous pastures (Newly established pastures in the Winter Rainfall area) OR **Canola** (In the Winter Rainfall area)	1.5 ℓ/ha	**NEWLY ESTABLISHED LEGUMINOUS PASTURES OR CANOLA IN WINTER RAINFALL AREA** Apply only after the crop has emerged and has formed 2 – 3 true leaves. (Crop plants younger than this stage could be damaged or even killed). In order to expect effective control, the annual grasses must not be older than the 3 leaf development stage. After planting under either moist or dry soil conditions, sufficient follow up rains are required in order to ensure breaking up of clods and settling of the seedbed, with the resultant even germination of the crop and grasses. Following application of **PROZAMIDE 500 SC**, at least 15 mm sprinkler irrigation or rain in one precipitation within 5 days is required in order to leach the **PROZAMIDE 500 SC** to the root zone of the germinating grasses. Planting under dry conditions with very low or no sub-soil moisture can cause a cloddy seedbed. Combined with insufficient follow up rain/irrigation, this could result in an uneven germination of crop and/or grasses. In this case application should be postponed until 100 % of the crop has emerged and developed 2 – 3 true leaves. Application should not be considered under such conditions unless at least 20 mm rain is expected within 5 days of applications. The user should be aware of the fact that grasses germinating afterwards from big soil clods not yet broken up, or grasses that have been developed past the 3 leaf stage at the time of application might not be controlled. Failure to follow the guidelines as above could result in poor annual grass control. Poor control may also result when: • Annual grasses germinate from deeper than the level to which the **PROZAMIDE 500 SC** has leached (especially after a deep cultivation); • Annual grasses have already developed a strong root system; • Large soil clods present as a result of the cultivation or planting process have not yet broken up at the time of spraying.

CROP	Dosage	REMARKS
Lucerne (under irrigation in the Karoo)	1.5 ℓ/ha	**PROZAMIDE 500 SC** can be applied to established or newly planted Lucerne. For established Lucerne apply in winter. Apply pre-emergence (preferably) up to early post-emergence (up to 3 leaf stage) of annual winter grasses. On newly planted Lucerne, application of **PROZAMIDE 500 SC** should not be made until after the third trifoliate leaf is fully developed. Irrigate with sprinklers (15 – 20 mm) immediately after application of **PROZAMIDE 500 SC** and, if no rain has fallen within a month, repeat irrigation. **Note:** Poor control of deep germinating annual grasses may occur, especially in heavy soil or where large clods were formed during the cultivation or planting process in newly planted Lucerne.

WEED SPECIES NORMALLY CONTROLLED BY PROZAMIDE 500 SC

BOTANICAL NAME	COMMON NAME
Arctotheca calendula	Cape marigold
*Avena fatua***	Common wild oats
*Bromus diandrus***	Ripgut brome
*Bromus catharticus***	Rescue grass
Lolium spp.	Ryegrass
Malva parviflora	Small mallow
Phalaris canariensis	Canary seedgrass
Triticum aestivum	Volunteer wheat
Vulpia myuros	Ratstail fescue

****Note:** Annual grasses e.g. *Avena* and *Bromus* spp. which germinate from soil depths deeper than the **PROZAMIDE 500 SC** layer will be poorly controlled.

The registration holder does not accept any liability in respect of the control of unlisted weeds.

ACKNOWLEDGEMENT OF TRADEMARKS

Bounty 500 WSG (L 6698)	Meridian Agrochemical Company (Pty) Ltd
Bounty SL (L 7268)	Meridian Agrochemical Company (Pty) Ltd
Nirvana (L. 9838)	Meridian Agrochemical Company (Pty) Ltd
Scorcher (L 9085)	Meridian Agrochemical Company (Pty) Ltd

WAARSKUWINGS

- Nadat weidings met **PROZAMIDE 500 SC** behandel is, moet 'n wagperiode van 15 dae tussen die behandeling en die her-gebruik van die weidings vir wei doeleindes toegelaat word.
- Skadelik indien ingesluk.
- Veroorsaak irritasie van die oë, vel en lugwee.
- Vermy kontak met die oë.
- Stoor heeltemal apart van voedsel en voere.
- Hou buite bereik van kinders, diere en oningeligte persone.
- Hanteer versigtig. Stoor agter slot en grendel, in 'n koel, droë plek weg van enige sonlig sowel as voedsel of enige voere.
- **HERBETREDING**: Moet nie behandelde area betree totdat die spuitneerslag droog is nie, behalwe indien beskermende klere gedra word.

Hoewel 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 doeltreffenheid daarvan kan beïnvloed word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die onkruid teen die betrokke middel sowel as die tyd, metode en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordlikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versuim van die gebruiker om etiketaanwysings na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Moet nie die spuitnewel inasem nie.
- Dra ten alle tye rubber handskoene en 'n gesigskerm met die hantering van die konsentraat.
- Was met seep en water na gebruik en toevallige velkontak sowel as gekontamineerde kleding.
- In die geval van oogkontak, was uit met groot hoeveelhede water.
- Moet nie eet, drink of rook terwyl die mengsel aangemaak of toegedien word nie of alvorens die hande en gesig gewas en klere verander is nie.
- Verhoed die wegdrywing na ander gewasse, weidings, riviere, damme en areas wat nie onder behandeling is nie.
- Maak die toediener skoon na gebruik. Raak ontslae van die spoelwater waar dit nie ander gewasse, weidings, riviere, damme en boorgate sal kontamineer nie.
- Verhoed die kontaminasie van voedsel, voere, drinkwater en eetgerei.
- Keer die leë houer om oor die spuitmengsel of tenk en laat dit vir 30 sekondes dreineer nadat die vloei stadig geraak en verander het in die vorm van 'n drip. Daarna moet die houer drie keer uitgespoel word met 'n volume gelykstaande aan 'n minimum van 10% van die houer. Voeg die spoelmiddel by die tenkmengsel.
- Vernietig die leë houer en moet dit nie vir enige ander doel gebruik nie.
- Wanneer **PROZAMIDE 500 SC** in kombinasie met ander produkte gebruik word, moet oorweging geskenk word aan die instruksies en gewas rotasie vereistes van daardie spesifieke produkte.

GEBRUIKSBEPERKINGS

- Moenie **PROZAMIDE 500 SC** in kwekerye of op kwekery plante gebruik nie.
- Die volgende gewasse moet nie geplant word op **PROZAMIDE 500 SC** behandelde grond binne 6 maande na die datum van toediening nie:

\- Brassica's, (Spruitkool, Brussel spruite, koolgewasse, kanola, blomkool), Bone, Uie en Aartappels

- Vir kleingraan (koring, gars, hawer, rog) raadpleeg die volgende tabel:

BEWERKINGSMETODE	PLANT METODE	WAG PERIODE
Geen bewerking	Geplant met ‘n planter	10 Maande
Geen bewerking	Breedwerpig gesaai	18 Maande
Bewerking	Geplant met ‘n planter	18 Maande
Bewerking	Breedwerpig gesaai	18 Maande

- ‘n Wagperiode van 12 maande vanaf die datum van die **PROZAMIDE 500 SC** toediening moet toegelaat word vir gewasse nie genoem in die lys hierbo nie.
- Hoë temperature en lae/geen reënval kort na toediening kan ‘n negatiewe invloed op die effektiwiteit van **PROZAMIDE 500 SC** hê.
- Moenie **PROZAMIDE 500 SC** toedien op enige gewas of situasie wat nie in hierdie etiket genoem is nie.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **PROZAMIDE 500 SC** ‘n groepkode K1 Onkruiddoder. Enige onkruidspesie mag individue insluit wat natuurlik weerstandbiedend is teenoor **PROZAMIDE 500 SC** of ander groep K1 onkruiddoders. Die weerstandbiedende individue kan aanvanklik die onkruid populasie oorheers indien hierdie onkruiddoders herhaaldelik gebruik word. Hierdie weerstandbiedende onkruide mag nie beheer word deur **PROZAMIDE 500 SC** of enige ander groepkode K1 onkruiddoders nie.

Om onkruidweerstand te vertraag

- Verhoed die herhaaldelike gebruik van onkruiddoders van die dieselfde onkruiddoder groep kode. Wissel af of meng die tenkmengsel met produkte van ander onkruiddoder groep kodes;
- Integreer ander beheermetodes (chemies, biologies en meganies) in die onkruiddoder beheerprogramme.

Aangesien die teenwoordigheid van weerstand nie voorspel kan word nie, word gebruikers versoek om die gewasse onder waarneming te plaas. Indien die aanbevole behandeling nie effektief is na afloop van die gebruik van **PROZAMIDE 500 SC**, mag ‘n weerstandbiedende populasie teenwoordig wees. Indien die weerstandbiedende populasie positief geindentifiseer word, moet die onmiddellike gebruik van ‘n onkruiddoder met ‘n ander metode van werking met geen rekord van weerstand teen die betrokke onkruid gebruik word. Vir meer spesifieke inligting aangaande weerstandsbestuur, kontak die registrasiehouer van hierdie produk.

METODE VAN WERKING

PROZAMIDE 500 SC is ‘n grondwerkende onkruiddoder wat opgeneem word deur die wortels van ontkiemende en nuwe opkomende sensitiewe grassoorte. Voldoende reën of besproeiing (>15mm) in een neerslag binne 5 dae na toediening is noodsaaklik om die **PROZAMIDE 500 SC** in die wortel sone van die sensitiewe onkruide vry te laat.

Die beste resultate word verkry wanneer **PROZAMIDE 500 SC** op ‘n klam oppervlakte toegedien word en in die proses gevestig word (vanwee reën of besproeiing wat tydens die verbouiingsproses plaasvind en in die proses klonte opbreek of waar grond egalig voorberei word). Die grond oppervlakte moet relatief fyn van tekstuur wees, gelyk en geen klonte, voorts moet dit vry wees van oortollige organiese materiaal en oppervlakte materiaal (dooie of verrotte onkruid, blare, plant afsnysels ensomeer).

Neem kennis dat **PROZAMIDE 500 SC** moet slegs toegedien word in die winter omdat die produk meer aktief en effektief is in koeler kondisies. Warmer toestande dra by tot die produk afbreek met korter residuele aktiwiteit.

GEBRUIKSAANWYSINGS
Gebruik slegs soos aangedui.

MENGINSTRUKSIES
Vul die spuittenk half met voldoende water, meng dan die verlangde volume van **PROZAMIDE 500 SC** met water in ‘n emmer of in die spuittenk. Voeg dan die **PROZAMIDE 500 SC** mengsel en die balans van die water by die spuittenk terwyl die mengsel aan die roer is.

Die roering moet konstant gehandhaaf word deurlopend met die vermenging en bespuitings. **Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om byvoorbeeld oornag in die tenk te staan nie.** Die spuittoerusting moet deeglik uitgespoel word na die afloop van die bespuitings.

Die keuse en spasieering van die platwaaierspuitpunte moet van so 'n aard wees dat 'n eweredige verspreiding en optimale plasing van **PROZAMIDE 500 SC** in die grond verkry word. Dien **PROZAMIDE 500 SC** in 'n voldoende spuitvolume van ten minste 150 liter per hektaar toe om te verseker dat die produk op die grondoppervlakte egalig versprei word. Te lae volume sal veroorsaak dat die spuitmengsel opgevang sal word deur die blare van die gewas en/of onkruide, of beïnvloed sal word deur die wind-of grondspoed – wat 'n onegalige verspreiding van **PROZAMIDE 500 SC** op die grondoppervlakte sal hê. Egalige en voldoende verspreiding van **PROZAMIDE 500 SC** op die grondoppervlakte word beklemtoon want anders sal dit lei tot die swak beheer van onkruide.

MENGBAARHEID

Die mengbaarheid van **PROZAMIDE 500 SC** met ander produkte hang van die formulasies van hierdie betrokke produkte af sowel as die kwaliteit van die water wat gebruik word. Formulasies verander van tyd tot tyd en die waterkwaliteit mag verskil van plaas tot plaas. In die lig hiervan word dit aanbeveel dat 'n mengbaarheidstoets gedoen word alvorens die produkte in die tenk gegooi word. **PROZAMIDE 500 SC** is mengbaar met na-opkoms onkruiddoders soos **Bounty SL** (Reg no. L.7268), **Bounty 500WSG** (L.6698), **Scorcher** (L.9085) of **Nirvana** (L. 9838)

TOEDIENINGSMETODES

Maak gebruik van slegs die korrek gekalibreerde spuit toerusting wat 'n sterk, effektiewe roering in die spuittenk tot gevolg het en wat tydens die roeringsproses deurlopend gekontroleer word om egalige en akkurate toediening te verseker. Enige medium of hoë volume toerusting kan gebruik word. 'n Spuitvolume van ten minste 150 liter per hektaar moet gebruik word tydens die toediening en kan toegedien word via 'n platwaaierspuitpunt, veral die lae wegdrywing tipe wat fyn druppels vermy. **Konstante en deurlopende roering deur die hele spuitproses is van kardinale belang.** Slegs skoon water moet gebruik word.

AANBEVELINGS

SLEGS VIR TOEDIENING TYDENS DIE WINTERMAANDE

GEWAS	**DOSIS**	**OPMERKINGS**
Appels, perskes (insluitend nektariens), pere en druiwe In die winterreënvalstreke alleen. Dien **PROZAMIDE 500 SC** toe veral in die dormante stadium van die boorde of wingerde. Wanneer toegedien na bot, moet die spuitmengsel na die grond gemik word – moenie **PROZAMIDE 500 SC** oor enige ander gewas gedeeltes na bot spuit nie **MOET ONDER GEEN OMSTANDIGHEDE PROZAMIDE 500 SC** toedien op enige kwekery voorraad nie. **MOET GEENSINS PROZAMIDE 500 SC** toedien op enige boorde of wingerde binne 10 maande na oorplanting nie	1.5 – 3 ℓ /ha (sien Opmerkings**)**	Dien **PROZAMIDE 500 SC** in die winter toe, voor-opkoms tot vroeë na-opkoms van eenjarige winter grasse Die spuit moet na die grondoppervlakte gerig word en MOET NIE oor die bome en wingerde spuit nie. Voorkeur moet gegee word aan 'n voor-opkoms bespuiting. Lae dosis van 1.5 ℓ/ha **PROZAMIDE 500 SC** kan slegs in gevalle oorweeg word waar eenjarige grasse nog nie opgekom het nie en waar die grondoppervlakte skoon is van organiese plant materiaal. Vir na-opkoms toediening gebruik die hoër dosis van 3.0 ℓ/ha **PROZAMIDE 500 SC**. Vir die beste resultate, moet die eenjarige grasse nie verby die 3 blaarstadium wees nie en die oppervlakte moet redelik skoon wees (<10% van die grondoppervlakte) van organiese materiaal of oppervlak "Rommel" bedekking (dooie of afsterwende onkruide, blare, grassnysels, ens.) **PROZAMIDE 500 SC** word nie deur die blare opgeneem nie, maar word hoofsaaklik deur die wortels opgeneem. Vir die beste resultate word water (reën of oorhoofse besproeiing) benodig binne 1 – 5 dae na toediening. Ten minste 15mm reën of oorhoofse besproeiing is nodig op eenslag om die **PROZAMIDE 500 SC** in die grond in te loog ten einde die wortelsone van die ontkiemende eenjarige grasse en om die produk te aktiveer.

<table>
<tr><th>GEWAS</th><th>DOSIS</th><th>OPMERKINGS</th></tr>
<tr><td>Peulgewas weidings

(gevestigde weidings in winter reënval areas)</td><td>1.0 – 1.5 ℓ / ha

(sien opmerkings)</td><td>Eenjarige grasse moet voor-opkoms (voorkeur) tot vroeë na-opkoms (nie verby die 3 blaar stadium) wees ten tye van toediening.

Dien toe na die eerste wenslike winterreëns, wanneer die grond klam is en grond temperature koeler is. Voldoende reënval van 15mm of meer binne 5 dae na toediening is essensieel om PROZAMIDE 500 SC in die wortelsone in te loog. Indien nie, kan swak eenjarige grasbeheer tot gevolg hê.

Die laer dosis moet slegs toegedien word indien al van die volgende omstandighede van toepassing is:
Waar geen bewerking plaasgevind het nie (nie versteurde gronde);
Onder omstandighede van hoë reënval vroeg in die seisoen; en
Voordat die grasse die 2 blaar stadium bereik het.
Die hoër dosis moet slegs toegedien word indien al van die volgende omstandighede van toepassing is:
Waar bewerking wel plaasgevind het (los gronde).
Onder omstandighede van lae reënval en;
Wanneer die eenjarige grasse verby die 2 blaar stadium maar nog nie die 4 – 5 blaar stadium, wat swak grasbeheer tot gevolg mag hê
‘n Hoë en digte stand van weidings moet eers deeglik bewei word voordat toediening kan plaasvind ten einde PROZAMIDE 500 SC blootstelling te gee aan die grond oppervlakte.

NEEM KENNIS: PROZAMIDE 500 SC kan met veiligheid gebruik word in die Medicago spp. en Trifolium spp. weidings mengsels wat in die winter reënval streke gebruik word.</td></tr>
<tr><td>Peulgewas weidings

(Nuwe gevestigde weidings in die Winter Reënval areas)

OF

Kanola

(In die Winterreënval area)</td><td>1.5 ℓ / ha</td><td>NUUT GEVESTIGDE PEULGEWAS WEIDINGS OF KANOLA IN WINTERREËNVAL AREAS

Dien toe nadat die gewas ontkiem het en 2 tot 3 werklike blare gevorm het. (Gewas plante jonger as die stadium kan beskadig word of selfs afsterf)

In die geval om goeie beheer te verkry, moet die eenjarige grasse nie ouer wees as die 3 blaar ontwikkelingstadia nie.

Nadat daar geplant is onder klam of droë grond toestande, is voldoende opvolg reën nodig om te verseker dat klonte opbreek en die vestiging van die saadbed met die gevolg van die eweredige ontkieming van die gewas en grasse. Gevolg deur die PROZAMIDE 500 SC toediening, moet ten minste 15mm reën of besproeiing op een slag binne 5 dae plaasvind om te verseker dat die PROZAMIDE 500 SC in die grond na die wortels van ontkiemende grasse geloog word.

Om onder droë omstandighede te plant met lae of geen sub-grond klamheid kan ‘n klonterige saadbed tot gevolg hê. Gekombineer met onvoldoende opvolg reën/besproeiing, sal dit bydrae tot oneweredige ontkieming van die gewas en / of grasse. In hierdie geval moet toediening uitgestel word tot 100% ontkieming en die ontwikkeling van 2 – 3 ware blare. Toediening moet nie onder sulke omstandighede oorweeg word behalwe indien daar ten minste 20mm reën verwag word binne 5 dae van toediening. Die gebruiker van die produk moet kennis neem dat grasse wat ontwikkel op groot klonte, wat nie opgebreek het nie of grasse wat ontwikkel het verby die 3 blaar stadium ten tye van toediening mag nie beheer word nie.</td></tr>
</table>

		Versuim om die riglyne te volg kan tot swak eenjarige grasbeheer tot gevolg hê. Swak beheer mag ook tot gevolg wees in die volgende gevalle: • Eenjarige grasse ontkiem van dieper vlak tot waar die **PROZAMIDE 500 SC** geloog het (veral na 'n diep grondbewerking). • Eenjarige grasse het reeds 'n baie sterk wortel sisteem begin ontwikkel. Groot grondklonte is teenwoordig a.g.v die verbouiing of plantproses en het nog nie opgebreek ten tye van bespuiting nie.

GEWAS	**DOSIS**	**OPMERKINGS**
Lusern (onder besproeiing in die Karoo)	1.5 ℓ / ha	**PROZAMIDE 500 SC** kan toegedien word op reeds gevestigde of nuut aangeplante lusern. Vir gevestigde lusern, dien slegs toe in winter. Dien toe as vooropkoms (voorkeur) tot vroeë na-opkoms (tot en met 3 blaarstadium) van die eenjarige wintergrasse. Op nuut gevestigde lusern, moet die toediening van **PROZAMIDE 500 SC** nie plaasvind totdat die driebladblaar ten volle ontwikkel is nie. Besproei met sproeiers (15 – 20mm) onmiddellik na toediening van **PROZAMIDE 500 SC** en indien geen reën val binne 'n maand nie, herhaal met besproeiing. **NOTA**: Swak beheer van diep ontkiemende eenjarige grasse mag voorkom, veral in swaar gronde of gevalle waar daar groot klonte gevorm is tydens die bewerking of plant proses in nuut aangeplante lusern.

ONKRUID SPESIES WAT NORMAALWEG DEUR PROZAMIDE 500 SC BEHEER WORD

BOTANIESE NAAM	**ALGEMENE NAAM**
Arctotheca calendula	Soetgousblom
*Avena fatua***	Wildehawer
*Bromus diandrus***	Ripgut Brome
*Bromus catharticus***	Reddingsgras
Lolium spp.	Eenjarige Raaigras
Malva parviflora	Kiesieblaar
Phalaris canariensis	Kanarie saadgras
Triticum aestivum	Opslag koring
Vulpia myuros	"Ratstail" swenkgras

****NOTA**: Eenjarige grasse byvoorbeeld *Avena* en *Bromus* spp. wat dieper ontkiem as wat die **PROZAMIDE 500 SC** inloog, sal swak beheer word.

Die registrasiehouer sal nie verantwoordelik wees vir enige skade wat gely word a.g.v onkruide wat bespuit is wat nie op die genoemde lys verskyn nie.

ERKENNING VAN HANDELSMERKE

Bounty 500 WSG (L 6698)	Meridian Agrochemical Company (Pty) Ltd
Bounty SL (L7268)	Meridian Agrochemical Company (Pty) Ltd
Nirvana (L 9838)	Meridian Agrochemical Company (Pty) Ltd
Scorcher (L9085)	Meridian Agrochemical Company (Pty) Ltd