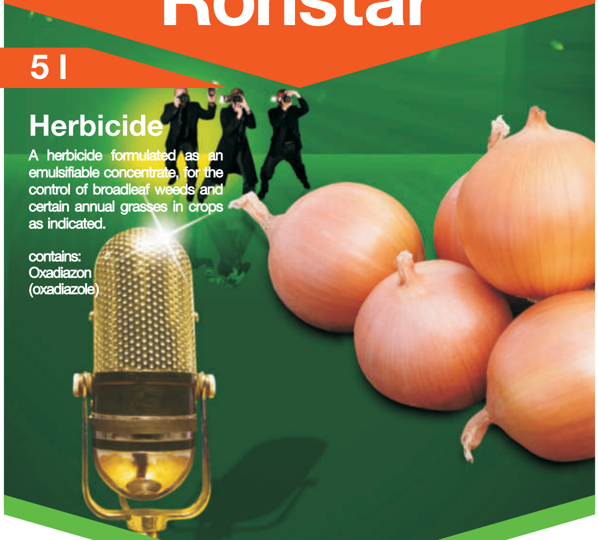
BAYER

Ronstar®

5 l



Herbicide

A herbicide formulated as an emulsifiable concentrate, for the control of broadleaf weeds and certain annual grasses in crops as indicated.

contains:
Oxadiazon
(oxadiazole)

ZA05703734E - South Africa

Ronstar®

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

BEFORE USING THIS PRODUCT PLEASE READ THE LABEL CAREFULLY

Reg. No. L417 (Act No. 36 of 1947)
Botswana Reg. No. W130490 (Act No. 18 of 1999)

A herbicide formulated as an emulsifiable concentrate, for the control of broadleaf weeds and certain annual grasses in crops as indicated.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L417 (Wet Nr. 36 van 1947)

'n Onkruiddoder geformuleer as 'n emulgeerbare konsentraat, vir die beheer van breëblaaronkruide en sekere eenjarige grasse in gewasse soos aangedui.

GROUP / GROEP	E	HERBICIDE / ONKRUIDDODER

DANGER

HAZARD STATEMENTS:
Flammable liquid and vapour. May be fatal if swallowed or enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness and dizziness. Very toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS:
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Keep away from hear, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED, immediately call a POISON CENTER/doctor/physician. Do not induce vomiting.

Active ingredient:
Oxadiazon (oxadiazole)...................... 250 g/ℓ

Aktiewe bestanddeel:
Oksadiason (oksadiasool)..................... 250 g/ℓ

REGISTERED BY / GEREGISTREER DEUR: Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143, Isando 1600 South Africa/Suid-Afrika
TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911
IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 0861 555 777

Ronstar® is a registered trademark of the Bayer Group.
Ronstar® is 'n geregistreerde handelsmerk van die Bayer Groep.

BATCH NUMBER / LOTNOMMER: See on pack
DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr. 1993

Bayer

RSA/0923/Ronstar 5L/Back Label
Code: ZA05719290G - South Africa

LIFT HERE

WARNINGS:

HAZARD STATEMENTS:
- Flammable liquid and vapour.
- May be fatal if swallowed or enters airways.
- Causes skin irritation.
- Causes serious eye irritation.
- May cause drowsiness and dizziness.
- Very toxic to aquatic life with long lasting effects.

DO NOT PLANT CUCURBITS (E.G. CUCUMBERS, PUMPKINS, MELONS) IN RONSTAR TREATED SOIL LESS THAN 6 MONTHS AFTER TREATMENT.

FLAMMABLE - Do not store near open flame.
Store in a cool place, away from food, feed, seed or other agricultural remedies.
Keep out of reach of children, uninformed people and animals.
Re-entry - Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although **Ronstar** has been tested on most important cultivars and no significant phytotoxicity in the form of yield reduction has been recorded under normal growing conditions, this does not mean that a more sensitive cultivar might not be commercialized in the future. Where a new cultivar is encountered, large areas should not be sprayed without prior testing of **Ronstar** on that cultivar.

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, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF THE WEEDS TO 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:
- Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- Keep away from hear, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Wear protective gloves/ protective clothing/ eye protection/ face protection.
- IF SWALLOWED, immediately call a POISON CENTER/doctor/physician.
- Do not induce vomiting.

Do not inhale fumes or spray mist.
Wash contaminated clothing daily.
Wash with soap and water after skin contact. In case of eye contact rinse immediately with running water.
Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and changing clothes.
Prevent contamination of food, eating utensils, feed and drinking water.
Prevent spray drift onto other crops, grazing, rivers, dams or other areas not under treatment.
Clean all equipment thoroughly after use and do not pollute the environment with wash water.
When empty, invert the container over the spray tank or mixing tank and allow it to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume water equal to at least one tenth of that of the container and add the rinsings to the contents of the spray tank. Destroy the container by puncturing and burying or burning it. Do not use the container for any other purpose.

RELEVANT SUBSTANCES:

Formulation inert	**CAS Number**	**Conc. (%)**
Oxadiazon	19666-30-9	25.3
Solvent Naphtha (petroleum), heavy aromatic, aromatic,<1% Naphthalene	64742-94-5	>25.0
Cyclohexanone	108-94-1	> 1,0 – < 25,0
Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts	68953-96-8	> 1,0 – < 5,0
Ethoxylated polyarylphenol	99734-09-5	> 1,0 – < 10,0
2-Methylpropan-1-ol	78-83-1	> 1,0 – < 5,0

RESISTANCE WARNING:

Ronstar is a member of the oxadiazole group of herbicides. The mode of action of this group is primarily the inhibition of the protoporhyrinogen oxidase (PPO) enzyme and, as such it is classified by HRAC as a Group Code E herbicide. Any weed population may contain individuals naturally resistant to **Ronstar** and other Group Code E herbicide. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **Ronstar** and are unlikely to be controlled by other herbicides which inhibit the PPO enzyme.

Since the presence of resistant weeds is difficult to detect prior to herbicide application, it is of the utmost importance that treated areas be inspected at regular intervals to identify the occurrence of herbicide-resistant weeds timeously. Bayer (Pty) Ltd will not accept liability for performance failures in the event of a build-up of resistant weeds resulting from inadequate resistance management practices as indicated on the label.
To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide Group Code. Alternate or tank mix with products from different herbicide Group Codes.
- Integrate other control methods [chemical, cultural, biological] into weed control programmes.

For specific information on resistance management contact your local Bayer CropScience representative.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:

Ronstar can safely be tank mixed with **Lasso EC** (Reg. No. L977) or **Lasso Micro-Tech** (Reg. No. L4728) at the recommended rates.

AS VARIATIONS MAY EXIST BETWEEN FORMULATIONS OF PRODUCTS CONTAINING THE SAME ACTIVE INGREDIENTS, THE TRADE NAMES AND REGISTRATION NUMBERS OF THE TESTED PRODUCTS ARE SHOWN. DO NOT MIX **RONSTAR** WITH ANY OTHER PRODUCTS.

MIXING INSTRUCTIONS:

SHAKE CONTAINER WELL BEFORE USE. CLOSE CONTAINER TIGHTLY AFTER USE.
Half fill the spray tank with clean water, add the required quantity of **Ronstar** and then top up to the required volume with clean water. If tank mixtures of **Ronstar** are used, first add the **Ronstar** to a half filled spray tank, followed by the tank mix partner. Then top up to the required volume with clean water. Ensure thorough agitation of the spray mixture during filling and application. Do not allow the mixture to stand overnight.

METHOD OF APPLICATION:

Apply a minimum of 500 ℓ spray mixture per ha to ensure effective coverage.
Ensure that the spray applicator is correctly calibrated. It is recommended that flat fan nozzles be used. Thoroughly flush out spraying equipment at the end of the spraying operation.
Apply **Ronstar** to moist soil surface in good tilth. Where **Ronstar** is applied to a dry soil surface, irrigate soon after application. Regular irrigation or rain will ensure that the **Ronstar** remains active. IF THE SOIL BECOMES DRY, **Ronstar** WILL BECOME INACTIVATED. Do not disturb the soil surface after application as this will affect the residual activity of the chemical.

APPLICATION TABLE:

CROP	DOSE RATE PER HECTARE	REMARKS
APPLES, PEARS, PLUMS, PEACHES & APRICOTS	5 to 6 ℓ	**Winter rainfall region only:** Safe for use in nurseries and in transplanted orchards of any age. Use only where regular micro irrigation is applied. Apply to a clean soil surface only, i.e., existing weed growth must first be removed by chemical or mechanical means. Apply just before or after the start of the summer irrigation sequence. Avoid contact of the chemical with the buds or leaves of the trees. Do not use **Ronstar** during the period, one month before budding until 1 December.
CARNATIONS	6 ℓ	Apply after transplanting rooted carnation cuttings or at any stage thereafter. Spray over the soil preferably before laying woodwool. Where woodwool has already been laid, saturate the wool with water before and after application of **Ronstar**.
CITRUS (Young orchards)	4 to 5 ℓ	Apply as a directed spray after transplanting young citrus trees. A second application may be made later in the season if necessary. Use only where regular micro irrigation is applied. Apply to a clean soil surface only, i.e., existing weed growth must first be removed by chemical or mechanical means. Avoid contact of the chemical with the leaves of the trees.
GLADIOLI	4 to 5 ℓ	Apply after planting of corms and before emergence of the leaves. Do not apply if corms smaller than 8 cm in circumference have been planted.
GRAPEVINES **Established vines**	4 to 5 ℓ	Use only where regular micro irrigation is applied. Apply as a directed spray to a clean soil surface only, i.e., existing weed growth must first be removed by chemical or mechanical means. Avoid contact of the chemical with the leaves and buds of the vines.
Newly planted vines	4 to 5 ℓ	Shield the vines during application to ensure that there is no contact between the chemical and the vines. Apply while the vines are dormant. Do not use **Ronstar** during the period one month before and one month after budding.

CROP	DOSE RATE PER HECTARE	REMARKS
ONIONS **Direct seeded**	4 to 5 ℓ	Apply only when the onion plants have 3 to 4 true leaves.
Sett planted	4 to 5 ℓ	Apply before or after emergence of the onion setts.
Transplanted	4 to 5 ℓ	Apply after transplanting.
PAPRIKA	4 ℓ or 3 ℓ **Ronstar** plus 4 to 5 ℓ **Lasso EC** or 3 ℓ **Ronstar** plus 3 to 4 ℓ **Lasso Micro-Tech**	Apply over the soil surface before transplanting paprika seedlings. Plant only strong, healthy seedlings with at least six true leaves and with stems becoming woody and at least as thick as matchsticks. Their roots must be well settled into the soil to minimize transplanting shock. Irrigate as soon as possible after planting. Crop damage may result if weak or stressed seedlings are transplanted into **Ronstar** treated soil. Use of the tank mixture with either **Lasso EC** or **Lasso Micro-Tech** will broaden the spectrum of grass weeds controlled. See Notes 4 & 6.
RICE **(Overhead irrigation)**	4 ℓ	Apply **Ronstar** after planting the rice, but pre-emergence of the rice and the weeds. Irrigate as soon as possible after planting.
ROSES	4 to 5 ℓ	Apply to the soil surface after pruning the bushes. Where spraying is carried out during the growing season, avoid contact of the chemical with the leaves and young buds. **NOTE : DO NOT APPLY TO ROSES GROWN INDOORS.**
TOBACCO **(Flue-cured)** **(Virginia type)**	4 to 5 ℓ	Use only on transplanted tobacco seedlings under irrigation. The seedlings must be strong and healthy, with their roots well settled into the soil. Apply only between the plant rows directed to a clean soil surface after ridging, or if ridging is not intended, as soon as the tobacco seedlings show active growth. Avoid contact of the chemical with the leaves of the plants. See Notes 4, 7 & 8.

NOTES:

1. For broadleaf weed control, **Ronstar** must be applied pre-emergence or early post-emergence, i.e., not later than the 2 to 3-leaf stage of the weeds.
2. For control of grasses, **Ronstar** must only be applied pre-emergence of the weeds. The higher dose rate (5 ℓ/ha) is recommended where the weed spectrum includes crab finger-grass (*Digitaria sanguinalis*) in crops where this application rate is permitted.
3. The pre-emergence control of deep and / or late germinating weeds may sometimes be erratic.
4. Do not use **Ronstar** in annual crops in lands that are prone to waterlogging.
5. Do not use **Ronstar** on rocky or sandy soil containing less than 10% clay.
6. Under certain conditions **Ronstar** may cause some yellowing of paprika leaves, however, this is of a transitory nature and yield will not be significantly affected.
7. Phytotoxicity symptoms will normally be evident if the sand leaves of tobacco plants are accidentally treated. This is usually of a transitory nature and should not be noticeable at harvest. Slight growth retardation may also become evident after the application of **Ronstar**, but the plants usually grow out of this later and normal leaf yields are produced.
8. If tobacco seedlings have to be replaced after the application of **Ronstar**, a certain degree of phytotoxicity can be expected if treated soil lands in the planting hole. Remove treated soil by scraping it aside before the planting hole is made.

WEEDS CONTROLLED BY RONSTAR:

Pre-emergence only

Digitaria sanguinalis	crab finger-grass
Eleusine indica	goose grass
Hordeum murinum	wild barley
Lolium multiflorum	Italian ryegrass
Panicum schinzii	sweet buffalo grass

Germinating seed only

Plantago lanceolata	narrow-leaved ribwort

Pre- and post-emergence up to the 2-3 leaf stage

Amaranthus deflexus	perennial pigweed
A. hybridus	common pigweed
Anagallis arvensis	pimpernel
Chenopodium album	white goosefoot
C. murale	nettle-leaved goosefoot
Citrullus lanatus	white watermelon
Coronopus didymus	swine cress
Datura stramonium	thorn apple
Emex australis	spiny Emex
Erodium moschatum	musk heron's bill
Fumaria muralis	fumitory
Inula graveolens	Cape khaki weed
Lactuca serriola	wild lettuce
Oxalis pes-caprae	yellow sorrel
Polygonum aviculare	prostrate knotweed
Portulaca oleracea	purslane
Raphanus raphanistrum	wild radish

NOTE: **Ronstar** controls the abovementioned weed species in the tank mixes as indicated. Other weed species that were not present during the development trials with the product, may also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

BAYER (PTY) LTD ACKNOWLEDGES THE FOLLOWING:

PRODUCT:	**TRADEMARK OF:**
Lasso®	Monsanto Company

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

Bayer

WAARSKUWINGS:

GEVAARVERKLARINGS::

- Vlambare vloeistof en damp.
- Mag dodelik wees indien ingesluk en in lugweg beland.
- Veroorsaak velirritasie.
- Veroorsaak ernstige oogirritasie.
- Mag slaperigheid of duiseligheid veroorsaak.
- Baie giftig vir waterlewende organismes met langdurige gevolge.

MOENIE PAMPOENGEWASSE (BV. KOMKOMMERS, PAMPOENE, SPANSPEKKE) BINNE 6 MAANDE NA TOEDIENING IN RONSTAR-BEHANDELDE GROND PLANT NIE.

VLAMBAAR - Hou weg van oop vlamme.
Berg in 'n koel plek, weg van voedsel, voer, saad of enige ander landboumiddels.
Hou buite bereik van kinders, oningeligte persone en diere.
Herbetreding - Moenie behandelde gebied binnegaan alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word.

Alhoewel **Ronstar** op die meeste belangrike kultivars getoets is, met geen betekenisvolle simptome van fitotoksisiteit in die vorm van oesverlagings, onder normale groeitoestande nie, beteken dit nie dat 'n meer vatbare kultivar nie in die toekoms gekommersialiseer kan word nie. Waar 'n nuwe kultivar teëgekom word, moet groot areas nie behandel word voordat **Ronstar** op daardie kultivar getoets is nie.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE AANGESIEN DIE WERKING EN EFFEK DAARVAN BEïNVLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE GROND-, KLIMAATS- EN BERGINGSTOESTANDE, KWALITEIT VAN VERDUNNINGSWATER, VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE EN DIE VOORKOMS VAN WEERSTAND VAN DIE ONKRUIDE TEEN DIE BETROKKE MIDDEL SOWEL AS DIE METODE, TYD EN AKKURAATHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN DIE TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

VOORSORGMAATREËLS:

VOORSORGSVERKLARINGS:

- Moet nie poeier/walm/gas/stuifsel/dampe/spuitstof inasem nie.
- Hou weg van hitte, warm oppervlakte, vonke, oop vlamme en ander ontstekingsbronne. Rook verbode.
- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming
- INDIEN INGESLUK: Verkry onmiddellik mediese noodhulp.
- Moet NIE vomering induseer nie.

Moenie die dampe of sproeinewel inasem nie.
Was besoedelde klere daagliks.
Was met seep en water indien die middel met die vel in aanraking kom. In geval van oogkontak spoel onmiddellik met lopende water.
Moenie eet, rook of drink tydens vermenging of bespuiting, of voordat hande en gesig gewas en skoon klere aangetrek is nie.
Verhoed besoedeling van voedsel, eetgerei, voer en drinkwater.
Verhoed wegdrywing van die sproei newel na ander gewasse, weidings, riviere, damme of ander gebiede wat nie behandel word nie.
Maak alle apparaat deeglik skoon na gebruik en moenie die omgewing met spoelwater besoedel nie.
Sodra die houer leeg is keer dit om oor die spuit tenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelyk aan minstens 'n tiende van die houer en gooi die spoelwater by die inhoud van die spuittenk. Vernietig die houer deur gate daarin te maak en te begrawe of te verbrand. Moenie die houer vir enige ander doel gebruik nie.

RELEVANTE STOWWE:

Formulation inert	CAS Number	Conc. (%)
Oxadiazon	19666-30-9	25.3
Solvent Naphtha (petroleum), heavy aromatic, aromatic,<1% Naphthalene	64742-94-5	>25.0
Cyclohexanone	108-94-1	> 1,0 – < 25,0
Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts	68953-96-8	> 1,0 – < 5,0
Ethoxylated polyarylphenol	99734-09-5	> 1,0 – < 10,0
2-Methylpropan-1-ol	78-83-1	> 1,0 – < 5,0

WEERSTANDSWAARSKUWING:
Ronstar behoort aan die oksadiasool groep van onkruiddoders. Die metode van werking van hierdie groep is die inhibering van die protoporfirinogeen oksidase (PPO) ensiem en as sulks word dit deur HRAC as 'n Groepkode E onkruiddoder geklassifiseer. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **Ronstar**, of enige ander Groepkode E onkruiddoder het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruide sal moontlik nie deur **Ronstar** of enige van die ander PPO ensiem onkruiddoders beheer word nie.

Aangesien die voorkoms van weerstandbiedende onkruide moeilik is om te bepaal voor onkruiddodertoediening plaasvind, is dit uiters noodsaaklik dat behandelde gebiede met gereelde intervalle ondersoek word om weerstand vroegtydig te identifiseer. Bayer (Edms) Bpk. sal nie verantwoordelikheid aanvaar vir enige gebrek aan prestasie in die geval van die opbou van weerstand in die onkruidpopulasie as gevolg van onvoldoende onkruidbestandheidsbestuur soos aangedui op die etiket nie.

Om weerstand teen onkruiddoders te vertraag:
- Vermy die eksklusiewe herhaaldelike gebruik van onkruiddoders in dieselfde onkruiddodergroepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende onkruiddodergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidbeheerprogramme.

Vir spesifieke inligting oor weerstandsbestuur, kontak u naaste Bayer CropScience verteenwoordiger.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID :
Ronstar kan met veiligheid in tenkmengsels met **Lasso EC** (Reg. Nr. L977) of **Lasso Micro-Tech** (Reg. Nr. L4728) gebruik word teen die aanbevole dosisse.

AANGESIEN VARIASIES MAG VOORKOM TUSSEN FORMULASIES VAN PRODUKTE WAT DIESELFDE AKTIEWE BESTANDDELE BEVAT, WORD DIE HANDELSNAME EN REGISTRASIENOMMERS VAN DIE GETOETSTE PRODUKTE HIERBY AANGEDUI. MOENIE **RONSTAR** MET ENIGE ANDER PRODUKTE VERMENG NIE.

MENGINSTRUKSIES:
SKUD HOUER DEEGLIK VOOR GEBRUIK. MAAK HOUER STYF TOE NA GEBRUIK.

Voeg eers ongeveer die helfte van die totale volume skoon water in die spuittenk. Voeg nou die hoeveelheid **Ronstar** soos aangedui by en daarna die oorblywende volume water soos benodig. In die geval waar tenkmengsels gebruik word, voeg eers die **Ronstar** by die halfvol tenk. Voeg dan die ander produk by die tenk terwyl die tenkmengsel aanhoudend geroer word. Maak die tenk tot die gewenste volume vol. Moenie spuitmengsel oornag laat staan nie.

TOEDIENINGSMETODE:
Maak gebruik van 'n minimum van 500 ℓ spuitmengsel per ha om sodoende deeglike bedekking te verseker. Maak seker dat die spuitapparaat deeglik gekalibreer is. Daar word aanbeveel dat platwaaierspuitpunte gebruik word. Spuittoerusting moet deeglik uitgespoel word na toediening.
Dien **Ronstar** toe op fynbewerkte, klam grondoppervlaktes. Indien **Ronstar** op 'n droë grondoppervlakte toegedien word, moet die grond kort na toediening besproei word. Gereelde reën of besproeiing sal verseker dat **Ronstar** aktief gehou word. INDIEN DIE GROND UITDROOG SAL **Ronstar** INAKTIVEER WORD. Moenie die grondoppervlakte na toediening versteur nie, aangesien dit die middel se nawerkingsaksie sal benadeel.

TOEDIENINGSTABEL:

GEWAS	DOSIS PER HEKTAAR	OPMERKINGS
ANGELIERE	6 ℓ	Dien toe na uitplant van gewortelde steggies of enige groeistadium daarna. Spuit oor die grondoppervlakte voordat houtwol versprei word. Indien houtwol reeds gebruik is, moet dit voor en na toediening van **Ronstar** met water deurweek word.
APPELS, PERE, PRUIME, PERSKES & APPELKOSE	5 tot 6 ℓ	**Slegs Winterreënvalgebied:** Veilig vir gebruik in kwekerye en in uitgeplante boorde van enige ouderdom. Gebruik slegs waar gereelde mikro-besproeiing toegepas word. Dien toe op 'n skoon grondoppervlakte, d.w.s., bestaande onkruide moet eers chemies of meganies verwyder word. Dien toe net voor of nadat die somerbesproeiingsiklus 'n aanvang neem. Vermy kontak van die middel met die ogies of blare van die bome. Moenie **Ronstar** gedurende die periode een maand voor bot tot 1 Desember gebruik nie.
PAPRIKA	4 ℓ of 3 ℓ **Ronstar** plus 4 tot 5 ℓ **Lasso EC** of 3 ℓ **Ronstar** plus 3 tot 4 ℓ **Lasso Micro-Tech**	Dien breedwerpig toe voor die uitplant van die paprika saailinge. Plant net gesonde sterk paprika saailinge met minstens ses afwisselende blare en waarvan die stammetjies begin houtagtig raak en minstens so dik as vuurhoutjies is. Die saailinge se wortels moet goed gevestig word in die grond om uitplantskok te verminder. Besproei so gou as moontlik na uitplant. Gewasskade mag voorkom indien saailinge swak was of aan stremming onderworpe was, in **Ronstar**-behandelde grond geplant word. Die gebruik van 'n tenkmengsel met **Lasso EC** of **Lasso Micro-Tech** sal die spektrum van grasonkruide wat beheer word verbreed. Sien Notas 4 & 6.

GEWAS	DOSIS PER HEKTAAR	OPMERKINGS
ROSE	4 tot 5 ℓ	Dien toe op die grondoppervlakte nadat die stokke gesnoei is. Indien bespuiting tydens die groeiseisoen plaasvind, moet kontak van die middel met die blare en jong knoppies vermy word. **NOTA: MOENIE GEBRUIK OP ROSE WAT BINNENSHUIS GEKWEEK WORD NIE.**
RYS (Oorhoofse besproeiing)	4 ℓ	Dien **Ronstar** toe na plant, maar voor opkom van die rys en onkruid. Besproei so gou moontlik na toediening.
SWAARDLELIES	4 tot 5 ℓ	Dien toe na plant van die bolle en voordat die blare verskyn. Moenie gebruik indien bolle kleiner as 8 cm in omtrek geplant is nie.
SITRUS (Jong boorde)	4 tot 5 ℓ	Dien toe as 'n gerigte bespuiting na uitplant van die sitrusbome. 'n Tweede **Ronstar** toediening kan later in die seisoen toegedien word indien nodig. Gebruik slegs waar gereelde mikrobesproeiing toegepas word. Dien toe op 'n skoon grondoppervlakte, d.w.s., bestaande onkruide moet eers chemies of meganies verwyder word. Vermy kontak van die middel met die blare van die bome.
TABAK (Oonddroog Virginiese tipe)	4 tot 5 ℓ	Gebruik alleenlik op tabaksaailinge wat onder besproeiing verbou word. Die saailinge moet sterk en gesond, en hul wortels goed in die grond gevestig wees. Dien toe as 'n gerigte bespuiting tussen die plantrye op 'n skoon grondoppervlakte na operd, of indien operd nie plaasvind nie, nadat die tabaksaailinge aktief begin groei. Vermy kontak van die middel met die blare van die plante. Sien Notas 4, 7 & 8.
UIE **Direk gesaai**	4 tot 5 ℓ	Dien toe wanneer die uieplante 3 tot 4 egte blare het.
Uitgeplante saailinge	4 tot 5 ℓ	Dien toe na uitplant.
Bolletjies	4 tot 5 ℓ	Dien voor of na opkom van die uiebolletjies toe.
WINGERD		Gebruik slegs waar gereelde mikrobesproeiing toegepas word. Dien slegs toe as 'n gerigte bespuiting op 'n skoon grondoppervlakte, d.w.s., bestaande onkruide moet eers chemies of meganies verwyder word.
Gevestigde wingerd	4 tot 5 ℓ	Vermy kontak van die ogies en blare van stokke.
Nuut gevestigde wingerd	4 tot 5 ℓ	Skerm die wingerdstokke af tydens toediening om te verseker dat geen kontak tussen die middel en die wingerdstokke voorkom. Dien toe terwyl die stokke nog rustend is. Moenie **Ronstar** gedurende die periode een maand voor en een maand na bot gebruik nie.

NOTAS:

1. Vir die beheer van breëblaaronkruide moet **Ronstar** voor, of vroeg na opkom van die onkruide toegedien word, d.w.s., nie later as 2 tot 3-blaarstadium van die onkruide nie.
2. Vir grasbeheer, moet daar slegs voor opkom van die onkruide gespuit word. In gewasse waar dié dosis toegelaat word, word die hoër dosis (5 ℓ/ha) aanbeveel waar die onkruidspektrum kruisvingergras (*Digitaria sanguinalis*) insluit.
3. Voor-opkom beheer van diep en / of laat ontkiemende onkruide mag soms wisselvallig wees.
4. **Ronstar** moenie in eenjarige gewasse in gronde wat geneig is om te versuip gebruik word nie.
5. Moenie **Ronstar** gebruik op klipgronde of sanderige gronde wat minder as 10% klei bevat nie.
6. **Ronstar** mag onder sekere toestande 'n mate van blaarvergeling veroorsaak. Dit is egter tydelik van aard en opbrengs sal nie noemenswaardig benadeel word nie.
7. Simptome van fitotoksisiteit op tabak kan gewoonlik waargeneem word op sandblare wat per abuis raakgespuit is. Dit is normaalweg tydelik van aard en behoort nie tydens oes sigbaar te wees nie. 'n Vertraging in groei na toediening van **Ronstar** mag ook aanvanklik verkry word, maar die tabakplante sal dit gewoonlik ontgroei en normale blaaropbrengste behoort verkry te word.
8. Wanneer tabaksaailinge ingeboet moet word na toediening van **Ronstar** kan 'n mate van fitotoksisiteit verwag word as behandelde grond in die plantgat beland. Skraap die behandelde grond weg voordat die gat gegrawe word.

ONKRUIDE WAT DEUR RONSTAR BEHEER WORD:

Slegs voor-opkom

Digitaria sanguinalis	kruisvingergras
Eleusine indica	jongosgras
Hordeum murinum	wildegars
Lolium multiflorum	Italiaanse raaigras
Panicum schinzii	soetbuffelsgras

Slegs ontkiemende saad

Plantago lanceolata	smalweëblaar

Voor- en na- opkom tot en met die 2 - 3 blaarstadium

Amaranthus deflexus	meerjarige misbredie
A. hybridus	gewone misbredie
Anagallis arvensis	pimpernel
Chenopodium album	withondebossie
C. murale	muurhondebossie
Citrullus lanatus	wilde waatlemoen
Coronopus didymus	peperkruid
Datura stramonium	stinkblaar
Emex australis	Kaapse dubbeltjie
Erodium moschatum	turknael
Fumaria muralis	duiwekerwel
Inula graveolens	kanferbos
Lactuca serriola	wildeslaai
Oxalis pes-caprae	geelsuring
Polygonum aviculare	voëlduisendknoop
Portulaca oleracea	porslein
Raphanus raphanistrum	ramenas

NOTA: **Ronstar** beheer die bogenoemde onkruidspesies in die tenkmengsels soos aangedui. Ander onkruidspesies wat nie tydens die ontwikkelingsproewe met die middel voorgekom het nie, kan moontlik in 'n meerdere of mindere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid ten opsigte van ongelyste onkruide nie.

BAYER (EDMS) BPK ERKEN DIE VOLGENDE:

PRODUK:	**HANDELSMERK VAN:**
Lasso®	Monsanto Company

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

Bayer

Ronstar®

SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS

BEFORE USING THIS PRODUCT PLEASE READ THE LABEL CAREFULLY

Reg. No. L417 (Act No. 36 of 1947)
Botswana Reg. No. W130490 (Act No. 18 of 1999)

A herbicide formulated as an emulsifiable concentrate, for the control of broadleaf weeds and certain annual grasses in crops as indicated.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L417 (Wet Nr. 36 van 1947)

'n Onkruiddoder geformuleer as 'n emulgeerbare konsentraat, vir die beheer van breëblaaronkruide en sekere eenjarige grasse in gewasse soos aangedui.

GROUP / GROEP	E	HERBICIDE / ONKRUIDDODER

DANGER

HAZARD STATEMENTS:
Flammable liquid and vapour. May be fatal if swallowed or enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness and dizziness. Very toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS:
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Keep away from hear, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED, immediately call a POISON CENTER/doctor/physician. Do not induce vomiting.

Active ingredient:
Oxadiazon (oxadiazole)...................... 250 g/ℓ

Aktiewe bestanddeel:
Oksadiason (oksadiasool)..................... 250 g/ℓ

REGISTERED BY / GEREGISTREER DEUR: Bayer (Pty) Ltd / (Edms) Bpk
Reg. 1968/011192/07
P.O. Box/Posbus 143, Isando 1600 South Africa/Suid-Afrika
TEL: (OFFICE HOURS) / (KANTOORURE) (011) 921 5911
IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL: 0861 555 777

Ronstar® is a registered trademark of the Bayer Group.
Ronstar® is 'n geregistreerde handelsmerk van die Bayer Groep.

BATCH NUMBER / LOTNOMMER: See on pack
DATE OF MANUFACTURE / DATUM VERVAARDIG: Sien op houer

UN No. / VN Nr. 1993

Bayer

RSA/0923/Ronstar 5L/Back Label
Code: ZA05719290G - South Africa