



SEE ENCLOSED PAMPHLET FOR FULL PARTICULARS.  
BEFORE USING THIS PRODUCT PLEASE READ THE LABEL CAREFULLY.

Reg. No. L8525 (Act No. 36 of 1947)  
Namibian Reg No. N-AR 1572  
Botswana Reg. No. W1301577 (Act. No. 18 of 1999)

A suspension concentrate post-emergence herbicide for the control of certain broadleaf and grass weeds in maize and sugarcane.

SIEN INGESLOTE PAMFLET VIR VOLLEDIGE BESONDERHEDE

Reg. Nr. L8525 (Wet Nr. 36 van 1947)  
Namibiëse Reg. Nr. N-AR 1572

'n Suspensie konsentraat na opkoms onkruidodder vir die beheer van sekere breëblaar- en grasonkruid in mielies en suikerriet.

GROUP / GROEP **F<sub>2</sub>** HERBICIDE / ONKRUIDDODER



WARNING

**HAZARD STATEMENTS:**

Harmful if swallowed or inhaled. Suspected of damaging the unborn child. May cause damage to organs (Eyes, kidney, liver) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Contains tembotrione, Isoxadifen-ethyl, 1,2-benzisothiazolin-3-one, 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

**PRECAUTIONARY STATEMENTS:**

Obtain special instructions before use. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Active ingredients:**

Tembotrione (Triketone)..... 420 g/l  
Isoxadifen-ethyl (Safener)..... 210 g/l

**Aktiewe bestanddele:**

Tembotrione (Triketone)..... 420 g/l  
Isoxadifen-etiel (Beveiligter)..... 210 g/l

**REGISTERED BY / GEREJISTREER 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

Laudis® is a registered trademark of the Bayer Group.

Laudis® 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. 3082

**Bayer**

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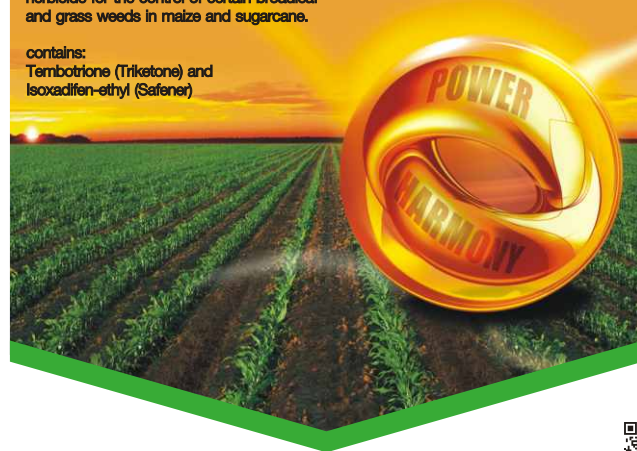


900 m<sup>l</sup>

## Herbicide

A suspension concentrate post-emergence herbicide for the control of certain broadleaf and grass weeds in maize and sugarcane.

contains:  
Tembotrione (Triketone) and  
Isoxadifen-ethyl (Safener)



RSA/0424/Laudis 900ml/Sales Panel  
Code: ZA84951498H

## WARNINGS:

### HAZARD STATEMENTS:

- Harmful if swallowed or inhaled
- Suspected of damaging the unborn child
- May cause damage to organs (Eyes, kidney, liver) through prolonged or repeated exposure
- Very toxic to aquatic life with long lasting effects
- Contains tembotrione, Isoxadifen-ethyl, 1,2-benzisothiazolin-3-one, 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction

DO NOT GRAZE OR USE PLANTS AS FODDER FROM TREATED MAIZE WITHIN 70 DAYS OF LAST APPLICATION.

DO NOT USE PLANTS AS FODDER FROM TREATED SUGARCANE WITHIN 235 DAYS OF LAST APPLICATION.

Handle with care.

Store in a cool place away from food, feed, seed and other agricultural remedies.

Keep out of reach of children, uninformed persons and animals.

Avoid contact with eyes, skin or clothing.

**RE-ENTRY:** Do not enter treated area within one day after treatment unless wearing protective clothing.

**Laudis** has been tested on most important cultivars and no significant phytotoxicity in the form of yield reduction has been recorded under normal growing conditions. Do not apply **Laudis** to maize or sugarcane that exhibits injury from previous herbicide applications.

**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:

- Obtain special instructions before use
- Do not breathe dust/ fume/ gas/ mist/ vapours/ spray
- Wear protective gloves/ protective clothing/ eye protection/ face protection

Wash with soap and water immediately after use or accidental skin contact.

Do not eat, drink or smoke whilst mixing, applying or before washing hands and face.

Wash contaminated clothing daily.

Avoid spray drift onto other crops, grazing, rivers and dams.

Clean applicator after use, dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Rinse empty container three times with a volume water equal to at least one tenth of that of the container and add the rinsing to the contents of the spray tank before disposing of the container in the prescribed manner.

Destroy empty container by perforation and flattening and never use for any other purpose.

Prevent contamination of food, feedstuffs, drinking water and eating utensils.

## RELEVANT SUBSTANCES:

| Formulation components        | CAS Numbers             | Conc. (%)         |
|-------------------------------|-------------------------|-------------------|
| Tembotrione                   | 335104-84-2             | 34.4              |
| Isoxadifen-ethyl              | 163520-33-0             | 17.2              |
| Ethoxylated alcohols (C12-15) | 68131-39-5 or 500-195-7 | >= 1 - < 5        |
| 1,2-Benzisothiazol-3(2H)-one  | 2634-33-5               | >= 0,005 - < 0,05 |
| 2-methylisothiazol-3(2H)-one  | 2682-20-4               | >= 0,0015 - < 0,1 |

## USE RESTRICTIONS:

1. To avoid damage to follow-up crops, refer to the waiting periods on the **Atrazine 500 SC** label.
2. Avoid excessive overlapping of spray swaths and double spraying.
3. Over-application, application at the incorrect growth stage, or any other use not in accordance with the directions on this label may cause crop damage.
4. **Laudis** has not been tested on inbred parent plants of maize hybrids, experimental hybrids or cultivars, newly released hybrids or cultivars, sweetcorn or popcorn. **Do not apply **Laudis** without first consulting a representative of Bayer CropScience or the seed supplier.**

## SYMPTOMS OF POISONING:

Harmful if swallowed. May cause sensitization by skin contact. May cause mild eye irritation.

## FIRST AID TREATMENT:

**Inhalation:** Move to fresh air. Call a physician or poison control center immediately.

**Skin contact:** Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**Ingestion:** Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

## NOTES TO PHYSICIAN:

**Treatment:** When swallowed, if necessary flush stomach.

## RESISTANCE WARNING:

**Laudis** belongs to the Triketone group of herbicides. The mode of action of this group is the inhibition of the 4-HPPD enzyme and, as such it is classified by HRAC as a Group Code F<sub>2</sub> herbicide. Any weed population may contain individuals naturally resistant to **Laudis** and other Group Code F<sub>2</sub> herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **Laudis** or any other Group Code F<sub>2</sub> herbicides.

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 with products from different herbicide Group Codes.
- Integrate other control methods [chemical, cultural, etc.] in weed control programmes.

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

**DIRECTIONS FOR USE:** USE ONLY AS DIRECTED

**COMPATIBILITY:**

**Laudis** is compatible with insecticides **Bulldock Beta 125 SC** (Reg. No. L7612), **Decis Forte** (Reg. No. L6563), **Larvin 375 SC** (Reg. No. L2997); and herbicides **Harness Extra EC** (Reg. No. L7703), **Mamba DMA 480 SL** (Reg. No. L8388) and **Roundup PowerMax** (Reg. No. L7769).

Do not mix **Laudis** with any products, other than those mentioned above and shown in the APPLICATION TABLE.

**MIXING AND APPLICATION INSTRUCTIONS:****USE THE SPRAY MIXTURE WITHIN 6 HOURS AFTER MIXING**

1. Prepare a pre-mix in a separate container with the required amount of products in the following order: **Laudis**, **Atrazine 500 SC** (+ insecticide + **Harness Extra EC** – if required) and then finally **Ballista** in approximately 10 litres of clean water.
2. Half fill the spray tank with water.
3. Add the required amount of **ammonium sulphate** to the tank. Ensure that it is fully dissolved before adding the pre-mix.
4. Add the pre-mix (referred to point 1 above) to the tank and top up with water.
5. For mixing instructions (following order, etc.) with **Roundup PowerMax** or **Mamba DMA 480 SL**, please refer to the respective labels.
6. Keep the mixture in continuous suspension by means of agitation.
7. Ensure even coverage of the weed foliage by using nozzle types that are suitable for optimum post emergence application, such as double outlet flat fan (Twinjet) nozzles.
8. Apply by means of a tractor mounted boom sprayer with continual agitation and which is correctly calibrated to deliver at least 200 - 300 ℓ spray mixture/ha.
9. Spray as soon as possible after mixing for optimum results.
10. After each day's spraying, flush the tank out thoroughly with water.

**APPLICATION TABLE:**

| CROP                                   | APPLICATION RATE PER HECTARE   | REMARKS  |
|--|--|--|
| <b>MAIZE</b><br>(Excluding sweet corn) | <b>Laudis</b> - 120 mℓ<br>+<br><b>Ballista</b> - 500 mℓ<br>+<br><b>Atrazine 500 SC</b> - 1000 mℓ<br>+<br><b>Ammonium sulphate</b> (AMS)<br>2% Solution when a 500 g/ℓ flowable formulation of AMS is used.<br><b>OR</b><br>1% solution when a 1000 g/kg granular formulation of AMS is used. | Apply when the weeds are between the 4 and 6 leaf growth stage.<br><br>Ensure total coverage of the weed foliage.<br><br>Calculate percentage AMS according to water volume applied per hectare. |

**OR**

| CROP                                   | APPLICATION RATE PER HECTARE   | REMARKS  |
|--|--|--|
| <b>MAIZE</b><br>(Excluding sweet corn) | <b>Laudis</b> - 180 mℓ<br>+<br><b>Ballista</b> - 500 mℓ<br>+<br><b>Atrazine 500 SC</b> - 1000 mℓ | Apply when the weeds are between the 4 and 6 leaf growth stage.<br><br>Ensure total coverage of the weed foliage.<br><br>Please refer to the limitation to weed species indicated listed below marked with *(1) (2). |

| CROP   | APPLICATION RATE PER HECTARE   | REMARKS   |
|--|--|---|
| <b>Glyphosate tolerant maize</b><br>(Excluding sweet corn) | <b>Laudis</b> - 180 mℓ<br>+<br><b>Roundup Powermax OR</b><br><b>Mamba DMA 480 SL</b><br>+<br><b>Ammonium sulphate</b> (AMS)  | For further detailed on weeds controlled and application instructions (water volume, mixing instructions, etc.) please refer to the respective <b>Roundup PowerMax</b> and <b>Mamba DMA 480 SL</b> labels.  |
| <b>SUGARCANE</b>   | <b>Laudis</b> - 180 mℓ<br>+<br><b>Ballista</b> - 500 mℓ<br>+<br><b>Atrazine 500 SC</b> - 1000 mℓ<br>+<br><b>Ammonium sulphate</b> (AMS)<br>2% Solution when a 500 g/ℓ flowable formulation of AMS is used.<br><b>OR</b><br>1% solution when a 1000 g/kg granular formulation of AMS is used. | Apply when the weeds are between the 4 and 6 leaf growth stage and are actively growing. Best weed control will be achieved in warm, moist growing conditions.<br>Ensure total coverage of the weed foliage.<br><br>Calculate percentage AMS according to water volume applied per hectare. |

**BROADLEAF WEEDS CONTROLLED:**

|                                |                           |
|--------------------------------|---------------------------|
| <i>Acanthospermum hispidum</i> | Upright starbur           |
| <i>Ageratum conyzoides</i>     | Billy-goat weed           |
| <i>Amaranthus hybridus</i>     | Common pigweed            |
| <i>Amaranthus deflexus</i>     | Perennial pigweed         |
| <i>Amaranthus retroflexus</i>  | Redroot pigweed           |
| <i>Amaranthus spinosus</i>     | Spiny pigweed             |
| * [1] <i>Bidens pilosa</i>     | Common blackjack          |
| <i>Chenopodium album</i>       | White goosefoot           |
| <i>Chenopodium carinatum</i>   | Green goosefoot           |
| <i>Chenopodium pumilio</i>     |                           |
| <i>Cleome monophylla</i>       | Spindlepod                |
| <i>Commelina benghalensis</i>  | Bengal wandering Jew      |
| <i>Corchorus olitorius</i>     | Indian jute               |
| <i>Datura ferox</i>            | Large thorn apple         |
| <i>Datura stramonium</i>       | Thorn apple               |
| <i>Galisonga parviflora</i>    | Gallant soldier           |
| <i>Ipomoea obscura</i>         | Small white morning glory |
| <i>Ipomoea purpurea</i>        | Morning glory             |
| <i>Nicandra physaloides</i>    | Apple of Peru             |
| <i>Physalis angulata</i>       | Wild gooseberry           |
| <i>Portulaca oleracea</i>      | Purslane                  |
| <i>Richardia brachiensis</i>   | Mexican richardia         |
| <i>Schkuria pinnata</i>        | Dwarf marigold            |

*Tagetes minuta*  
*Tribulus terrestris*  
*Galinsoga parviflora*  
*Xanthium strumarium*

Khaki weed  
Devil's thorn  
Small-flowered quickweed  
Large Cocklebur

#### **GRASS WEEDS CONTROLLED:**

*Crotalaria sphaerocarpa*  
\* [2] *Dactyloctenium aegyptium*  
*Digitaria sanguinalis*  
*Echinochloa colona*  
*Eleusine coracana*  
*Panicum maximum*  
*Paspalum dilatatum*  
*Sorghum verticilliflorum*  
*Urochloa mosambicensis*  
*Urochloa panicoides*

Mealie crotalaria  
Crowfoot  
Crab finger-grass  
Marsh grass  
Goose grass  
Buffalo grass  
Common Paspalum  
Common wild sorghum  
Bushveld herringbone grass  
Herringbone grass

\*(1) (2) Weed **suppression** only when **Laudis** is applied at 180 ml/ha **without** Ammonium sulphate.  
For **good control** ensure that Ammonium Sulphate is **added**.

#### **NOTE:**

1. **Laudis** controls the abovementioned weed species. 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 efficacy on unlisted weeds.
2. Do not apply **Laudis** when maize or weeds are under stress (cold, drought, etc.)
3. **Laudis** may cause chlorosis of maize leaves. These symptoms are of a transitory nature and yield will not be affected.
4. **Laudis** may cause a chlorosis and stunting of sugarcane plants. These symptoms are of a transitory nature and yield will not be affected.
5. The recommended use of **Laudis** in a weed control spray program in maize is as follows:
  - At plant – It is recommended to follow a pre-emergence herbicide program.
  - Approximately 4-6 weeks later (depending on the weed growth stage) apply broadcast spray of **Laudis** as recommended in the APPLICATION TABLE.
6. **Harness Extra EC** can be added to the **Laudis** mixtures recommended for use in maize to achieve some residual grass control. For the grass species to be controlled by such a mixture please consult the **Harness Extra EC** label.

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**Roundup PowerMAX**® and **Harness**® are registered trademarks of Monsanto South Africa (Pty), Ltd.  
**Mamba**® is the registered trademark of Dow AgroSciences Southern Africa (Pty) Ltd.

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#### **WAARSKUWINGS:**

##### **GEVAAR WAARSKUWINGS:**

- Skadelik indien ingesluk of ingeasem.
- Vermoede dat dit vrugbaarheid of die ongebore kind beskadig.
- Mag skade aan organe (oë, niere, lever) veroorsaak deur langdurige en herhaaldelike blootstelling.
- Baie giftig vir waterlewende organismes met langdurige gevolge.
- Bevat tembotronne, Isoxadifen-ethyl, 1,2-benzisothiazolin-3-one, 2-Methyl-2H-isothiazol-3-one. Mag allergiese reaksie veroorsaak.

MOET NIE BEWEI OF PLANTE VAN BEHANDELDE MIELIES AS VOER GEBRUIK BINNE 70 DAE NA LAASTE TOEDIENING NIE.

MOET NIE BEWEI OF PLANTE VAN BEHANDELDE SUIKERRIET AS VOER GEBRUIK BINNE 235 DAE NA LAASTE TOEDIENING NIE.

Hanteer versigtig.

Berg in 'n koel plek, weg van voedsel, voer, saad of enige ander landboumiddels.

Hou buite bereik van kinders, oningeligte persone en diere.

Voor kom kontak met oë, vel en klere.

Herbetroding: Moenie behandelde gebied binne een dag na toediening binnegaan nie, tensy beskermende oorklere gedra word.

**Laudis** is op die meeste belangrike kultivars getoets en geen betekenisvolle simptome van fitotoksiteit in die vorm van oesverlagings het onder normale groeitoestande voorgekom nie. **Laudis** moet nie toegedien word op mielies of suikerriet wat skade simptome van vorige onkruidodder toediening vertoon nie.

**ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSEIDENHEID 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 AKKURAAKHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADIGE EFFEK OF 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:**

##### **VOORSORGMAATREËLS:**

- Kry spesiale instruksies voor gebruik.
- Moet nie poeier/walm/gas/stuifsel/dampe/spuitstof inasem nie.
- Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming

Was met seep en water onmiddellik na gebruik of toevallige velkontak.

Moenie eet, drink of rook tydens vermenging, toediening of voordat hande en gesig gewas is nie.

Was besoedelde klere daagliks.

Voor kom oorwaai van spuitstof na ander gewasse, weiding, riviere en damme.

Maak spuitapparaat skoon na gebruik, raak ontslae van uitspoelwater waar dit nie gewasse, weiding, riviere en damme kan besoedel nie.

**Bayer**

Spoel leë houer drie keer uit met 'n volume water gelyk aan ten minste een tiende van die houer en voeg die uitspoelwater by die inhoud van die spuitken voordat van die houer op die voorgeskrewe metode ontslae geraak word.

Vernietig leë houer deur gate daarin te maak en plat te slaan. Moet vir geen ander doel weer gebruik nie. Voorkom besoedeling van voedsel, voer, drinkwater en eetgerel.

#### RELEVANTE STOWWE:

| Formulation components        | CAS Numbers             | Conc. (%)         |
|-------------------------------|-------------------------|-------------------|
| Tembotrione                   | 335104-84-2             | 34.4              |
| Isoxadifen-ethyl              | 163520-33-0             | 17.2              |
| Ethoxylated alcohols (C12-15) | 68131-39-5 or 500-195-7 | >= 1 - < 5        |
| 1,2-Benzisothiazol-3(2H)-one  | 2634-33-5               | >= 0,005 - < 0,05 |
| 2-methylisothiazol-3(2H)-one  | 2682-20-4               | >= 0,0015 - < 0,1 |

#### GEBRUIKSBEPERKINGS:

1. Om skade op opvolggewasse te voorkom, verwys na die wagperiodes op die **Atrazine 500 SC** etiket.
2. Vermo dubbele bespuiting en die oormatige oorvlueeling van spuitbane.
3. Oormatige toediening, toediening tydens die verkeerde groeistadium, of enige ander gebruik wat nie in ooreenstemming met hierdie etiket as gebruiksaanwysings is nie, kan gewasskade tot gevolg hê.
4. **Laudis** is nie getoets op ingeteelde oerplante van basters, eksperimentele basters of kultivars, nuut vrygestelde basters of kultivars, suikermielies of springmielies nie. **Moet nie Laudis** toedien alvorens 'n verteenwoordiger van Bayer CropScience of saad voorsieners nie geraadpleeg is nie.

#### SIMPTOME VAN VERGIFTIGING:

Skadelik indien ingesluk. Mag sensitiwiteit van die vel veroorsaak. Mag ligte oog-irritasie veroorsaak.

#### NOODHULPBEHANDELING:

**Inaseming:** Verskuif na vars lug. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum.

**Velkontak:** Was deeglik met seep en genoegsame water en indien beskikbaar met poli-ëtileenglikool 400 en spoel af met water.

**Oogkontak:** Spoel onmiddellik vir ten minste 15 minute met genoegsame water, ook onder die oogdele. Verwyder kontaklense na die eerste 5 minute indien teenwoordig en hou aan met spoeling.

**Ingesluk:** Braking MOET NIE veroorsaak word nie. Kontak onmiddellik 'n geneesheer of die Gif Beheer Sentrum. Spoel mond uit.

#### NOTA AAN GENEESHEER:

**Behandeling:** Wanneer gif ingesluk is, doen maagspoeling indien nodig.

#### WEERSTANDSWAARSKUWING:

**Laudis** behoort aan die Trikitone groep van onkruidodders. Die metode van werking van hierdie groep is die inhibering van die 4-HPPD ensiem en as sulks word dit deur HRAC as 'n Groepkode F<sub>2</sub> onkruidodder geklassifiseer. Enige populasie van 'n spesifieke onkruid mag individueel insluit wat 'n natuurlike weerstand teen **Laudis**, of enige ander Groepkode F<sub>2</sub> onkruidodder het. Indien hierdie onkruidodders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal moontlik nie deur **Laudis** of enige ander Groepkode F<sub>2</sub> onkruidodder, beheer word nie.

Aangesien die voorkoms van weerstandbiedende onkruid moeilik is om te bepaal voor onkruidodertoediening plaasvind, is dit uiters noodsaaklik dat behandelde gebiede met gereelde intervale 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 onkruidodders te vertraag:

- Vermo die eksklusiewe, herhaaldelike gebruik van onkruidodders in dieselfde onkruidodder groepkode.
- Wissel af met produkte in verskillende onkruidodder groepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, ens.) in onkruidbeheerprogramme.

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

**GEBRUIKSAANWYSINGS:** GEBRUIK SLEGS SOOS AANGEDUI

#### VERENIGBAARHEID:

**Laudis** is verenigbaar met insekdoers **Bulldog Beta 125 SC** (Reg. Nr. L7612), **Decis Forte** (Reg. Nr. L6563), **Larvin 375 SC** (Reg. Nr. L2997); en onkruidodders **Harness Extra EC** (Reg. Nr. L7703), **Mamba DMA 480 SL** (Reg. Nr. L8388) en **Roundup PowerMax** (Reg. Nr. L7769). **Laudis** moet nie gemeng word met enige produkte, anders as dië wat hierbo genoem word en waarna verwys word in die TOEDIENINGSTABEL nie.

#### MENG- EN TOEDIENINGSINSTRUKSIES:

##### GEBRUIK DIE SPUITMENGSEL BINNE 6 UUR NA VERMENGING

1. Maak 'n vooraf mengsel in 'n aparte houer met die aanbevole hoeveelhede van produkte in die volgende volgorde: **Laudis**, **Atrazine 500 SC** (+ insekdoer + **Harness Extra** – indien nodig) en dan laaste **Ballista** in ongeveer 10 liters skoon water.
2. Maak die spuitken halfvol met water.
3. Voeg dan die aanbevole hoeveelheid **ammonium sulfaat** by. Verseker dat dit volledig opgelos is voordat die voorafgemengde mengsel bygevoeg word.
4. Voeg die voorafgemengde mengsel (verwys na punt 1 hierbo) in die spuitken en vul die tenk verder met water.
5. Vir meng instruksies (volgorde, ens.) met **Roundup PowerMax** of **Mamba DMA 480 SL**, verwys asseblief na die onderskeie etikette.
6. Hou die mengsel in die spuitken voortdurend in suspensie deur middel van roering.
7. Verseker eweredige bedekking van die onkruidblare deur gebruik te maak van spuitpunte wat geskik is vir optimale na-opkoms toedienings, soos byvoorbeeld dubbel uitlaat waaier tipe (Twinjet) spuitpunte.
8. Dien toe by wyse van 'n trekker-gemonteerde balkspuit, met volgehoue roering en wat korrek gekalibreer is om ten minste 200 - 300 l spuitmengsel/ha toe te dien.
9. Dien so gou moontlik na vermenging toe vir optimale resultate.
10. Aan die einde van elke dag se bespuiting moet die spuitken deeglik met water uitgespoel word.



TOEDIENINGSTABEL:

| GEWAS  | DOSIS PER HEKTAAR   | OPMERKINGS  |
|--|---|---|
| <b>MIELIES</b><br>(Nie vir gebruik op suikermielies) | <p><b>Laudis</b> - 120 ml<br/>+<br/><b>Ballista</b> - 500 ml<br/>+<br/><b>Atrazine 500 SC</b> - 1000 ml<br/>+<br/><b>Ammonium sulfaat</b> (AMS)<br/>2% Oplossing indien 'n 500 g/l vloeibare formulase van AMS gebruik word.<br/><b>OF</b><br/>1% oplossings indien 'n 1000 g/kg korrel formulase van AMS gebruik word.</p> | <p>Dien toe wanneer onkruid in die 4 tot 6-blaar groeistadium is.</p> <p>Verseker totale bedekking van onkruidblare.</p> <p>Bereken die persentasie AMS volgens die watervolume wat per hektaar toegedien word.</p> |

OF

| GEWAS  | DOSIS PER HEKTAAR   | OPMERKINGS  |
|--|---|---|
| <b>MIELIES</b><br>(Nie vir gebruik op suikermielies) | <p><b>Laudis</b> - 180 ml<br/>+<br/><b>Ballista</b> - 500 ml<br/>+<br/><b>Atrazine 500 SC</b> - 1000 ml</p> | <p>Dien toe wanneer onkruid in die 4 tot 6-blaar groeistadium is.</p> <p>Verseker totale bedekking van onkruidblare.</p> <p>Verwys asseblief na die beperking op onkruidspesies aangedui in onderstaande lys wat gemerk is met * [1] [2].</p> |

| GEWAS  | DOSIS PER HEKTAAR   | OPMERKINGS  |
|--|---|---|
| <b>Glifosaat verdraagsame mielies</b><br>(Uitsluitend suikermielies) | <p><b>Laudis</b> - 180 ml<br/>+<br/><b>Roundup Powermax</b><br/><b>OF</b><br/><b>Mamba DMA 480 SL</b><br/>+<br/><b>Ammonium sulfaat</b> (AMS)</p> | <p>Vir verdere besonderhede oor onkruidbeheer en toedienings instruksies (water volume, meng instruksies, ens.) raadpleeg asseblief die onderskeie <b>Roundup PowerMax</b> en <b>Mamba DMA 480 SL</b> etikette.</p> |

| GEWAS             | DOSIS PER HEKTAAR   | OPMERKINGS   |
|-------------------|---|--|
| <b>SUIKERRIET</b> | <p><b>Laudis</b> - 180 ml<br/>+<br/><b>Ballista</b> - 500 ml<br/>+<br/><b>Atrazine 500 SC</b> - 1000 ml<br/>+<br/><b>Ammonium sulfaat</b> (AMS)<br/>2% Oplossing indien 'n 500 g/l vloeibare formulase van AMS gebruik word.<br/><b>OF</b><br/>1% oplossings indien 'n 1000 g/kg korrel formulase van AMS gebruik word.</p> | <p>Dien toe wanneer onkruid in die 4 tot 6-blaar groeistadium is en aktief groei. Die beste resultate sal verkry word gedurende warm en vogtig groei toestand.</p> <p>Verseker totale bedekking van onkruidblare.</p> <p>Bereken die persentasie AMS volgens die watervolume wat per hektaar toegedien word.</p> |

**BREËBLAARONKRUIDE BEHEER:**

*Acanthospermum hispidum*  
*Ageratum conyzoides*  
*Amaranthus hybridus*  
*Amaranthus deflexus*  
*Amaranthus retroflexus*  
*Amaranthus spinosus*  
 \* [1] *Bidens pilosa*  
*Chenopodium album*  
*Chenopodium carinatum*  
*Chenopodium pumilio*  
*Cleome monophylla*  
*Commelina benghalensis*  
*Corchorus olitorius*  
*Datura ferox*  
*Datura stramonium*  
*Galisongia parviflora*  
*Ipomoea purpurea*  
*Ipomoea obscura*  
*Nicantra physaloides*  
*Physalis angulata*  
*Portulaca oleracea*  
*Richardia brachiensis*  
*Schkuria pinnata*  
*Tagetes minuta*  
*Tribulus terrestris*  
*Galinsoga parviflora*  
*Xanthium strumarium*

Regopsterklits  
 Bokkruid  
 Gewone misbredie  
 Meerjarige misbredie  
  
 Doringmisbredie  
 Gewone knapsekêrel  
 Withondebossie  
 Groenhondebossie  
  
 Rusperbossie (enkelblaar cleome)  
 Bengaalse wandelende Jood  
 Indiese jute  
 Grootstinkblaar  
 Olieboom  
 Knopkruid  
 Purperwinde  
 Wildepatat  
 Basterappelliefie  
 Wilde-appelliefie  
 Porslein  
 Meksikaanse richardia  
 Kleinkakiebos  
 Kakiebos  
 Dubbeltjie  
 Knopkruid  
 Kankerroos

#### **GRASONKRUIDE BEHEER:**

|  |                     |
|--|---------------------|
| <i>Crotalaria sphaerocarpa</i>         | Wildelusem          |
| * [2] <i>Dactyloctenium aegypticum</i> | Hoenderspoor        |
| <i>Digitaria sanguinalis</i>           | Kruisvingergras     |
| <i>Echinochloa colona</i>              | Moerasgras          |
| <i>Eleusine coracana</i>               | Jongosgras          |
| <i>Panicum maximum</i>                 | Gewone buffelsgras  |
| <i>Paspalum dilatatum</i>              | Gewone Paspalum     |
| <i>Sorghum verticilliflorum</i>        | Gewone wildesorghum |
| <i>Urochloa mosambicensis</i>          | Bosveldbeesgras     |
| <i>Urochloa panicoides</i>             | Beesgras            |

\*[1] [2] Slegs **onkruidonderdrukking** indien **Laudis** toegedien word teen 180 ml/ha **sonder** Ammonium sulfaat. Vir **goeie beheer** verseker dat Ammonium Sulfaat **bygevoeg** word.

#### **NOTA:**

1. **Laudis** beheer bogenoemde onkruidspesies. 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 effektiwiteit op ongelyste onkruid nie.
2. Moet nie **Laudis** toedien wanneer Mielies of onkruid onder stremming (koue, droogte, ens.) is nie.
3. **Laudis** mag chlorose van mielieblare veroorsaak. Hierdie simptome is egter tydelik van aard en opbrengs sal nie beïnvloed word nie.
4. **Laudis** mag chlorose en verdwering van suikerriet plante veroorsaak. Hierdie simptome is van 'n verbygaande aard en sal nie opbrengs beïnvloed nie.
5. Die aanbevole gebruik van **Laudis** in 'n onkruid doder spuitprogram is as volg:
  - Tydens plant – Dit word aanbeveel dat n vooropkoms onkruidbeheer program gevolg word.
  - Ongeveer 4-6 weke later (afhange van die onkruid groeistadium) dien 'n algehele bespuiting van **Laudis** toe soos aanbeveel in die TOEDIENINGSTABEL.
6. Vir nawerkende gras beheer in mielies kan **Harness Extra EC** by die geregistreerde **Laudis** mengsel gevoeg word. Raadpleeg die **Harness Extra** etiket vir meer inligting oor die moontlike spektrum wat beheer kan word met so mengsel.

**Larvin®**, **Bulldock®** en **Decis®** is geregistreerde handelsmerke van die Bayer Groep.

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