

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



SUCCESSION 225 EC

Reg. No. L 10414 Act/Wet No. 36 of/van 1947

2: 9/9/2020 - Sept2020

A selective systemic herbicide for post-emergence control of grass weeds in crops as indicated.

'n Selektiewe sistemiese onkruidodder vir na-opkoms beheer van grasonkruid in gewasse soos aangedui.

ACTIVE INGREDIENTS / AKTIEWE BESTANDEDELE

clethodim (cyclohexanedione)	150 g/l	kletodim (sikloheksaandioon)
haloxyfop-R-methyl ester	75 g/l	haloksifop-R-metielester

HRAC HERBICIDE GROUP CODE **A** HRAC ONKRUIDDODER GROEPKODE



villa

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
Tel: 011 396 2233
Website / Webblad: www.villacrop.co.za

UN Number: 3082



HARMFUL
SKADELIK

Willow Set & Print 011 394-4486



GERBUKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

BATCH number:
Lotnommer:
REFER TO DETAILS PRINTED
ON CONTAINER/BAG

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Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801, KEMPTON PARK, 1620,

Tel. (011) 396 2233

HARMFUL/SKADELIK**WARNINGS****Withholding period:**

Minimum time between the last application and harvest or feeding:	
Canola & other crops	40 days
Medics and Lucerne	28 days
Dry beans and Soybeans	60 days

- Handle with care.
- May be when swallowed and inhaled.
- Toxic to aquatic life with long lasting effects.
- Do not contaminate dams, rivers, lakes or any other water sources.
- Store in a cool, dry, well-ventilated area.
- Store away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- 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 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 further 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 event of any uncertainty.

PRECAUTIONS

- Do not inhale the spray fumes or spray mist.
- Avoid contact with eyes and clothes.
- Wear eye protection, rubber gloves and rubber boots when handling, preparing and applying the spray mixture.
- Wash with soap and water immediately after use or in the event of accidental skin contact.
- In case of contact with eyes, immediately flush the eyes with water for at least 20 minutes, holding the eyelid(s) open. Remove contact lenses, if present, after rinsing for 5 minutes and then continue rinsing for a further 15 minutes. If irritation persists, seek medical advice.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product, or before washing hands and face or change of clothing.
- Prevent drift on to other crops, grazing, rivers, dams or areas not under treatment.
- Keep the product away from sources of ignition.
- Clean the applicator after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh

water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- **Open burning and dumping to the container and its content is prohibited.**

FIRST AID AND TREATMENTS

Inhalation: Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.

Skin: Remove contaminated clothing and leather goods and wash before re-using. Flush skin with water and then washes with soap and water. Seek medical attention if skin irritation persists.

Eyes: Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**

Ingestion: Seek medical attention or call a poison control center for treatment advice. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

ADVICE TO PHYSICIAN:

Treat symptomatically and supportively. No specific antidote known. Do not aspirate, formulation contains a solvent.

RESISTANCE WARNING

SUCCESSION 225 EC is a group code A herbicide. Any weed population may contain individuals naturally resistant to **SUCCESSION 225 EC** and other group code A herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **SUCCESSION 225 EC** or any other group code A herbicide.

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 programs.

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

USE RESTRICTIONS

Re-cropping intervals*:

Broadleaf	None
Maize, sorghum, wheat or other grass crops	3 months**

* pre-plant interval = time period between the last application of **SUCCESSION 225 EC** and the anticipated date of planting of a follow-up crop.

** in the case of a failed broadleaf crop

IMPORTANT NOTES ON RE-CROPPING INTERVALS:

Applications in sandy soils (< 10 % clay) may still result in slight phytotoxicity where these crops are planted as follow-up crops.

- Allow at least 4 days after a **SUCCESSION 225 EC** application before applying any other agrochemical treatment.
- Weeds that have not emerged at the time of application will not be controlled by **SUCCESSION 225 EC**.
- Weeds that have not come into contact with the herbicide solution will not be controlled. For example, when weeds occur in dense clumps, severe infestations or when the height of the weeds varies such that not all weeds are covered by spray droplets. In these instances, a follow up application may be necessary.
- Do not apply to crop or weeds under stress conditions such as moisture deficiency (drought or if the area to be treated is severely waterlogged), extreme temperatures, insect damage, nutrient deficiencies, herbicide carry over or wind damage as poor control and/or crop damage may occur.
- Apply **only** during moist conditions, when the weeds are growing actively.
- Rain or irrigation within one (1) hour after a **SUCCESSION 225 EC** application may require a follow-up application.

- Do not apply **SUCCESSION 225 EC** to large areas of newly released cultivars, before consulting your local **SUCCESSION 225 EC** representative or distributor, or prior to testing phytotoxicity. Test a small area.

DIRECTIONS FOR USE: Use only as directed.

Compatibility

- SUCCESSION 225 EC** must not be applied in tank mixtures with other agrochemical products not mentioned on this label.
- SUCCESSION 225 EC** is compatible with and must always be used in combination with the adjuvants **Link** or **DESTINAIRE®** (L 10598) and **Velocity® DryMax**.

Mixing instructions:

- Shake the **SUCCESSION 225 EC** container thoroughly before use. Ensure that the container is tightly closed after use.
- Half fill spray tank with clean water and ensure agitation. Add the required volume of **SUCCESSION 225 EC** to the water in the spray tank.
- Fill the mixing tank to the required final volume while agitating, to ensure thorough mixing.
- Ensure thorough agitation of the mixture in the spray tank during mixing and spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Cleaning of spray equipment after application:

- Clean spraying equipment immediately after application of the final tank mixture of **SUCCESSION 225 EC** for each day's spraying operation.
- Thoroughly clean the sprayer, including the boom and boom and nozzles, by flushing the system with water and detergent and spraying it through the boom and nozzles to a designated cleaning area not under treatment.

Flush and spray the remaining detergent solution out of the complete system with clean water.

Ground application:

- Apply **SUCCESSION 225 EC** with a properly calibrated sprayer, in good working order, with fan type spray nozzles.
- Apply at a low spray pressure (100 to 200 kPa) to obtain a medium to coarse droplet spray spectrum.
- Apply in at least 150 to 300 litres water per hectare, to ensure complete and even spray coverage over the entire leaf area of the target plant, especially where the crop canopy is dense.

APPLICATION RATES

IMPORTANT:

- Apply **SUCCESSION 225 EC** only on actively growing grass weeds and/or volunteer maize, which are within the recommended growth stages as directed below.
- Refer to "**USE RESTRICTIONS**" above

Crop	Dosage rate	Remarks
Canola Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply once the Canola has reached at least the 2 to 3 leaf stage, but not later than the 8-leaf growth stage (prior to the beginning of stem elongation). DO NOT apply if any flower buds are visible. Apply to actively growing weeds at the correct growth stage as indicated in the " WEEDS CONTROLLED " table.

NOTE

Always add **Link** plus **Velocity® Drymax** to **SUCCESSION 225 EC** spray mixtures. Consult the **Link** and **Velocity® Drymax** labels for **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE**.

Crop	Dosage rate	Remarks
<u>Drybeans</u> Control of grass weeds	0.8 l/ha PLUS 1 l/ha Destinaire® PLUS 1.0 % Velocity® Dry-Max	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
<u>Forestry</u> (Eucalyptus, Pines, Wattle) Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
<u>Lucerne</u> Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
<u>Medics</u> Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.

Crop	Dosage rate	Remarks
Pome fruit (incl. Apples and Pears) Control of grass weeds	0.8 l/ha PLUS 0.1 % Link or 1 l/ha Destinaire® PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
Maize Pre-plant control of volunteer Glyphosate resistant (RR) maize plus grasses	0.8 l/ha	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
Soybeans Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.
Stone fruit (incl. Nectarines, Apricots, Peaches, Pears and Plums) Control of grass weeds	0.8 l/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.

Crop	Dosage rate	Remarks
Vines Control of grass weeds	0.8 d/ha PLUS 0.1 % Link PLUS 1.0 % Velocity® DryMax	Apply to actively growing grass weeds during the weeds' growth stages as indicated below.

NOTE

Always add **Link** or **Destinaire®** plus **Velocity® DryMax** to **SUCCESSION 225 EC** spray mixtures. Consult the **Link** or **Destinaire®** and **Velocity® DryMax** labels for **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE**.

**WEEDS CONTROLLED BY SUCCESSION 225 EC:
Annual Grass Weeds**

Botanical name	Common name	Growth stage
<i>Bromus diandrus</i>	Ripgut brome grass	2 to 6 leaves
<i>Lolium</i> spp.	Rye grass	2 to 5 leaves
<i>Avena</i> spp.	Wild oats	3 to 4 leaves
<i>Digitaria sanguinalis</i>	Grab finger grass	2 to 6 leaves
<i>Urochloa panicoides</i>	Herringbone grass	4 to 8 leaves
<i>Cynodon dactylon</i>	Common couch grass	4 to 8 leaves
<i>Hordeum marinum</i>	Sea barley	2 to 4 leaves
<i>Panicum</i> spp.	-	2 to 6 leaves
<i>Paspalum</i> spp.	-	2 to 4 leaves
<i>Sorghum bicolor</i>	Wild grain sorghum	2 to 4 leaves
<i>Sorghum halepense</i>	Johnson grass	2 to 4 leaves
<i>Eleusine coracana</i>	Goose grass	2 to 4 leaves
<i>Zea mays</i>	Volunteer maize	4 to 8 leaves
<i>Erodium moschatum</i> *	Musk heron's bill	2 to 4 leaves

* Will **ONLY** be controlled under favourable conditions.

NOTE

Other grass species not present during the development trials of this product may also be controlled, however, the registration holder does not accept any responsibility for control of weeds species NOT listed above.

The following products mentioned in this label may be replaced with equivalent products:

- **LINK** (L 8675) = **DIRECT** (L 8680) = **SOLWET** (L 8679) and
- **VELOCITY® DRYMAX** (L 9454 / W 130995 / N-AR 1528) = **AMS-GRANULE** (L 9610).

SOLWET is a registered product of / is 'n geregistreeerde produk van
SPECTRUM RESEARCH SERVICES

LINK and/en **DIRECT** are registered products of / is geregistreeerde produkte van
VILLA CROP PROTECTION (PTY) LTD.

VELOCITY® DRY-MAX is a registered trademark of / is 'n geregistreeerde handelsmerk van
VILLA CROP PROTECTION (PTY) LTD.

DESTINAIRE® is a registered trademark of / is 'n geregistreeede handelsmerk van
WINFIELD SOLUTIONS REGISTRATION HOLDINGS (PTY) LTD.