

PIXXARO® 266 EC

Arylex® active

HERBICIDE

Registration number/Registrasienommer L11191 Act/Wet No./Nr. 36 of/van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

HRAC GROUP	O	HERBICIDES
A selective herbicide for the post-emergence control of broadleaf weeds on fallow lands and in wheat and barley.		'n Selektiewe onkruidodder vir die na-opkomsbeheer van breëblaaronkruid op oorlêlande en in koring en gars.



DANGER

HAZARD STATEMENTS:

May cause an allergic skin reaction.
Causes serious eye damage.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Avoid breathing mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
Dispose of contents/container in accordance with applicable regulations.

ACTIVE INGREDIENTS/AKTIEWE BESTANDELE

ARYLEX® (halauxifen-methyl) 16.25 g a.e./L ARYLEX® (halauxifen-metiel) (pyridine compound) (piridienverbinding)
Fluroxypyr (pyridyloxy compound) 250 g a.e./L Fluroksipir (piridiloksieverbinding)

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REGISTRATION HOLDER / REGISTRASIEHOUER:

CORTEVA AGRISCIENCE RSA (PTY) LTD / (EDMS) BPK
REG NO 1991/003030/07
Lakefield Office Park, Block A, 2nd Floor, 272 West Avenue, CENTURION, 0157 South Africa
®Trademark of Corteva Agriscience™ and its affiliated companies

Batch number		Lotnommer
Date of manufacture		 Vervaardigingsdatum
Expiry date		Vervaldatum

UN NO : 3082

Poisons helpline: +27(0)861 555 777
Local emergency no: +27(0)82-895-0621 (SA only)
Information hotline tel no: +27 (0)12 683 5700

WARNINGS

HAZARD STATEMENTS:

May cause an allergic skin reaction.
Causes serious eye damage.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.

BARLEY – Allow 95 days between application and harvesting.

WHEAT – Allow 91 days between application and harvesting.

May cause severe eye irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.

May cause moderate skin irritation with local redness. May cause drying and flaking of the skin.

Store in a cool, dry place and in original container.

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

Store away from food, feed, drugs, drinking water, seed, and other agricultural chemicals.

Very toxic to fish and other aquatic organisms.

RE-ENTRY: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Disclaimer

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 weeds against 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 or registration holder in the event of any uncertainty.

PRECAUTIONS

PRECAUTIONARY STATEMENTS:

Avoid breathing mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

Dispose of contents/container in accordance with applicable regulations.

Do not inhale fumes or spray mist.

Avoid eye and skin contact.

Wear suitable protective clothing, gloves, eye, and face protection when handling the concentrate.

Wash contaminated clothing after use.

Wash with soap and water after use.

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

Avoid drift of spray mist onto other crops, grazing, rivers, dams, and areas not under treatment.

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

RELEVANT SUBSTANCES:

COMPONENTS	CAS no.	Concentration (% w/w)
Fluroxypyr-meptyl (ISO)	81406-37-3	34,9
Cloquintocet-mexyl	99607-70-2	1,66
Halauxifen-methyl	943831-98-9	1,63
Reaction mass of N,N-dimethyldecan-1-amide and N,N-dimethyloctanamide	Not assigned	$\geq 40 - < 50$
Polyethylene glycol mono(tristyrylphenyl)ether	99734-09-5	$\geq 3 - < 10$
Benzenesulfonic acid, mono-C11-13 branched alkyl derivs., calcium salts	68953-96-8	$\geq 2,5 - < 3$
Hydrocarbons, C10, aromatics, <1% naphthalene	1189173-42-9	$\geq 2,5 - < 3$
N-methyl-2-pyrrolidone	872-50-4	$\geq 0,1 - < 0,3$

FIRST AID TREATMENT:

Inhalation

Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth-to-mouth use rescuer protection (pocket mask etc). Call a poison control centre or doctor for treatment advice. If breathing is difficult, oxygen should be administered by qualified personnel.

Skin contact

Take off contaminated clothing. Wash skin with soap and plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. Wash clothing before reuse. Shoes and other leather items which cannot be decontaminated should be disposed of properly.

Eye contact

Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first five minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control centre or doctor. Never give anything by mouth to an unconscious person.

RESISTANCE PREVENTION AND MANAGEMENT

PIXXARO® 266 EC is a mixture of two synthetic auxin-type herbicides (Group O) which controls weeds by disrupting normal plant growth.

Some naturally occurring weed biotypes resistant to **PIXXARO® 266 EC** herbicide or other Group O herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if herbicides with the same mode of action are used repeatedly. These resistant weeds will not be controlled by **PIXXARO® 266 EC** or other Group O herbicides.

TO DELAY THE SELECTION OF RESISTANT WEEDS

- ❖ Integrate tillage, crop rotation or mechanical control methods (including non-selective herbicides) during the fallow period into weed control programs whenever practical.
- ❖ Avoid exclusive repeated use of herbicides from the same mode of action group. Plan crop rotations to allow use of herbicides from different mode of action groups.
- ❖ Maintain herbicide use records for each field.
- ❖ Prevent movement of resistant weed seeds and vegetative plant material to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- ❖ When grazing, begin with fields with the least weed resistance before moving to fields with high resistance due to the possibility of animals spreading the seed.
- ❖ Inspect all fields annually to identify the development of resistance early.

For more advice on the prevention of herbicide resistance contact your Corteva Agriscience™ representative.

In the case where the above-mentioned measures are not followed, Corteva Agriscience™ will not be liable for any damage which may occur if **PIXXARO® 266 EC** does not control resistant weeds.

USE RESTRICTIONS AND NOTES OF USE.

Do not use as an aerial application.

Do not apply **PIXXARO® 266 EC** to cereals undersown with legumes.

DO NOT use this product in stone fruit orchards.

Do not use **PIXXARO® 266 EC** in citrus and pome fruit orchards.

Do not use **PIXXARO® 266 EC** in nurseries.

Susceptible crops include but are not limited to clovers, cotton, hops, lupins, ornamentals, peas, pine trees, potatoes, safflower, shade trees, soybeans, stone fruit orchards, sunflower, tobacco, tomatoes, vegetables, and vines.

Do not apply **PIXXARO® 266 EC** to crops that are stressed by severe weather conditions such as cold or freezing temperatures and heavy rain, drought, waterlogging, nutrient deficiency, disease, insect or nematode damage or carry-over herbicide residues.

Apply the product strictly in accordance with the application directions.

Do not contaminate any water bodies e.g., dams, rivers, boreholes, etc.

PIXXARO® 266 EC should be applied only **ONCE** per season.

Clean application equipment thoroughly after use and ensure that all residues of **PIXXARO® 266 EC** are removed (See Sprayer clean-up).

Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinse water to the contents of the spray tank before destroying the container in the prescribed manner and do not re-use it for any other purpose.

MINIMUM RE-CROPPING PERIODS AND CROP ROTATION GUIDELINES

The minimum re-cropping period includes the time of last application of **PIXXARO® 266 EC** to the anticipated date of planting a subsequent crop. The periods specified below will only be valid if favorable soil moisture and temperature conditions prevail to promote more rapid breakdown of **PIXXARO® 266 EC** by microbial activity. Abnormally dry and/or cold conditions may result in slower degradation.

Careful consideration should be given to crop rotation plans prior to using **PIXXARO® 266 EC**.

To avoid injury to subsequent crops the following re-cropping periods should be observed:

Follow crops	Re-cropping periods
Barley, canola, maize, oats, sorghum, soya beans, sunflowers, wheat	14 days
Cotton	30 days
Dry beans, groundnuts, lucerne, peas	Nine months

For all other follow crops not listed a replanting period of at least **24 months** must be observed preceded by a test planting. Test strips of the desired follow crop should be planted and monitored during germination and emergence for any abnormal growth to determine if the follow crop can be grown successfully. The land should always first be deeply ploughed before a follow crop is planted.

WEEDS NORMALLY CONTROLLED BY PIXXARO® 266 EC:

<i>Amaranthus hybridus</i>	Common pigweed
<i>Arctotheca calendula</i>	Cape weed
<i>Capsella bursa-pastoris</i>	Shepherd's purse
<i>Chenopodium album</i>	White goosefoot
<i>Coronopus didymus</i>	Carrot weed
<i>Erodium moschatum</i>	Musk heron's bill
<i>Galinsoga parviflora</i> *	Small-flowered quickweed
<i>Malva parviflora</i>	Small mallow
<i>Plantago lanceolata</i>	Narrow-leaved ribwort
<i>Senecio consanguineus</i>	Starvation senecio
<i>Sisymbrium thellungii</i>	Common wild mustard
<i>Stellaria media</i>	Common chickweed

* Variable control can be expected.

In addition to weeds listed above, the following weeds may also be controlled with tank mixtures of MAMBA™ DMA 480 SL when applied on fallow lands:

<i>Conyza bonariensis</i>	Flax-leaf fleabane
<i>Conyza canadensis</i>	Horseweed fleabane

NOTES:

- PIXXARO® 266 EC** controls certain weed species as listed above. Other annual broadleaf weed species that were not present during the development trials may also be controlled to a certain degree. The registration holder does not accept any responsibility for weeds not listed.
- PIXXARO® 266 EC** will not control weeds which have not yet emerged at the time of application.

DIRECTIONS FOR USE

Use only as directed.

GENERAL INFORMATION

PIXXARO® 266 EC is an emulsion concentrate herbicide for pre-plant burndown of broadleaf weeds on fallow lands and selective early post-emergence control of broadleaf weeds in wheat, barley, and fallow lands.

PIXXARO® 266 EC must be mixed with clean water and applied as a uniform broadcast spray by means of ground application.

PIXXARO® 266 EC must be applied early post-emergence to the main flush of actively growing broadleaf weeds. Warm, moist growing conditions promote active weed growth and enhance the activity of **PIXXARO® 266 EC** by allowing maximum foliar uptake and activity.

Weeds hardened off by cold weather or drought stress may not be adequately controlled or suppressed and re-growth may occur. For best results, ensure thorough spray coverage of target weeds. When applied as a post-emergence treatment **PIXXARO® 266 EC** should be applied prior to crop growth reaching a density, which would inhibit effective coverage of the weeds.

For expanded spectrum broadleaf weed control on fallow lands, **PIXXARO® 266 EC** may be tank mixed with products as listed under "COMPATIBILITY" and must be applied to young weeds at the seedling stage but before they are beyond the 6-leaf growth stage. Weeds should also be actively growing under moist conditions. Weeds under drought stress may be less susceptible.

PIXXARO® 266 EC inhibits growth of susceptible plants. Visible symptoms may occur within 2-4 weeks under ideal growing conditions and up to 6-8 weeks under adverse conditions (prolonged periods of extremes in temperature or moisture).

COMPATIBILITY: FALLOW LAND TREATMENT

PIXXARO® 266 EC is compatible with the following herbicides in a tank mixture:

2,4-D AMINE 480 SL	L3619	(480 g 2,4-D Amine)
2,4-D ESTER 500 EC	L3617	(500 g 2,4-D Ester)
GLEAN® 75 DF	L1672	(750 g chlorsulfuron)
MAMBA® DMA 480 SL	L8388	(480 g glyphosate)
MCPA 400 SL	L3616	(400 g MCPA)

When **PIXXARO® 266 EC** is used in a tank mixture with any of the above-mentioned products all warnings, precautions, use restrictions and directions for use as indicated on the respective product labels must be fully adhered to.

ALWAYS REFER TO PRODUCT LABELS.

NOTES:

- (i) **WHERE ONE OF THE ABOVE PRODUCTS IS USED IN A TANK MIXTURE WITH PIXXARO® 266 EC, FULL DETAILS FROM THE RELEVANT LABEL MUST BE OBTAINED AND ADHERED TO.**
- (ii) The compatibility of **PIXXARO® 266 EC** in tank mixtures with recommended products may be influenced by the formulation of these products. The quality of the water may also have an effect on these tank mixtures. Since the formulation of other products may change without the knowledge of Corteva Agriscience RSA (Pty) Ltd and the quality of water may vary from farm to farm, a physical compatibility test should always be carried out prior to application. Corteva Agriscience RSA (Pty) Ltd does not accept any responsibility for the crop tolerance of these tank mixtures where the formulation of products has changed or for mixtures with products not listed above.

Consult your local representative for details.

MIXING INSTRUCTIONS

Fill the spray tank up to a quarter to half full with clean water.

Start the agitation.

Add the required amount of **PIXXARO® 266 EC** to the spray tank.

Add the required amount of recommended complementary herbicides needed, such as MCPA 400 SL.

Continue agitation while topping up the spray tank with water until the final volume has been reached.

Ensure thorough agitation of the mixture in the tank continues whilst mixing and spraying.

Thoroughly re-agitate before re-using if a stoppage of spraying operations should occur for some reason.

When MAMBA™ DMA 480 SL is included in a tank mixture, it should be the last product to be added to the spray tank after all other products have been added. Ammonium sulphate should be added to the spray tank before **PIXXARO® 266 EC** is added.

Tank mixtures must be sprayed out immediately and not be allowed to stand in the spray tank as the effectiveness may be reduced due to product degradation.

GROUND APPLICATION

PIXXARO® 266 EC can be applied on its own or in a tank mixture for fallow lands with any medium or high-volume sprayer equipment with an efficient agitation mechanism which is capable of adequate coverage and even distribution. Best results are obtained using flat fan spray nozzles and applying a minimum spray volume of 200 litres water per hectare.

Weeds that are screened off by other weeds or the crop may result in variable control due to insufficient coverage. When timing the application of **PIXXARO® 266 EC** this aspect must be considered. Best results are obtained from applications made to young, actively growing weed seedlings (two- to six-leaf). Only weeds emerged at the time of application will be controlled.

CROP	RATE/HA	REMARKS
CEREALS Wheat	500 ml PIXXARO® 266 EC	Apply to actively growing weeds, seedling to six-leaf growth stage.
CEREALS Barley	400 ml PIXXARO® 266 EC	Apply to actively growing weeds, seedling to six-leaf growth stage.
FALLOW LANDS	500 ml PIXXARO® 266 EC + products listed under "COMPATIBILITY" (as per label recommendation)	Apply to actively growing weeds, seedling to six-leaf growth stage.

Ensure that information listed under "DIRECTIONS FOR USE" is adhered to.

Ensure thorough coverage of weeds to achieve effective control. Weeds screened off by a dense stand of the crop and/or other weeds causing inhibited spray coverage, may be poorly controlled. Consider this aspect when deciding on spray application timing. Weeds germinating after application of **PIXXARO® 266 EC** will not be controlled as it has no strong soil residual activity.

Degree of control obtained, and duration of effect depend on weed species, weed size, growing conditions at, and following the period of application.

SPRAYER CLEANUP

To prevent any damage to subsequent crops, all residues of **PIXXARO® 266 EC** must be removed from the mixing and spraying equipment. Proceed as follows:

- a) The spray tank should be drained immediately after spraying crops. Wash any contamination off the outside of the sprayer with clean water.
- b) The inside of the spray tank should be rinsed with clean water and flushed with at least one tenth of the spray tank volume through the hoses and nozzles. Drain the tank completely.
- c) Half-fill the tank with clean water and add the correct amount of cleaning agent, such as household ammonia. Per 100 litres of final tank volume, add 350 ml ammonia (9,5% ammonia) to the water, e.g., in the case of a 1 000 litres spray tank, fill with 500 litres of water and add 3,5 litres [= 10 x 0.35 litres] ammonia.

The initial solution now prepared, which is double strength, should be mixed thoroughly by turning on the agitation. This solution is used for flushing the hoses and nozzles for approximately 10-20 minutes.

The remainder is then filled up to the final volume of the spray tank and allowed to stand for 15 minutes with the agitation running. After 15 minutes have elapsed, flush the boom and hoses again and drain the tank completely.

- d) Remove the nozzles and filters and allow to soak in a bucket containing 40 ml of household ammonia per 10 litres of water.
- e) Rinse the tank again with water and flush at least one tenth of the tank volume through the boom and hoses.
- f) Dispose of the wash water safely. Do not spray onto sensitive crops or land intended for planting with sensitive crops.

Precautions with spray clean-up

- Do not inhale the vapour of the cleaning agents.
- Avoid contact with eyes and skin.
- In case of contact with eyes and skin immediately rinse with plenty of water and seek medical advice.
- Keep out of reach of children, uninformed persons, and animals.
- Keep cleaning agents only in original containers.

STORAGE AND DISPOSAL

Storage conditions

Store away from sun and damp, in original tightly closed container, in a well-ventilated area apart from food and feed under lock and key. Avoid storage above 35°C.

Product and container disposal

Do not re-use empty containers for any other purpose, especially not for storing water, food, or feed. Perforate and flatten the container before disposing of them in the prescribed manner.

Destroy empty containers or surplus product in an industrial incinerator approved for agricultural chemicals. Do not bury in or spray onto any area under agricultural use. Empty containers should be rinsed thoroughly with clean water. Pour rinse solution in the spray tank.

The following trademarks/registrations under Act 36 of 1947 are acknowledged:

GLEAN® 75 DF

L1672

FMC Chemicals (Pty) Ltd

Poisons helpline: +27(0)861 555 777
Local emergency no: +27(0)82 895 0621 (SA only)
24 Hour Emergency tel no: +32 3 575 5555
Information Hotline tel no: +27(0)12 683 5700

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WAARSKUWINGS

RISIKOVERKLARINGS:

Mag moontlik 'n allergiese velreaksie veroorsaak.
Veroorsaak ernstige oogskade.
Mag moontlik respiratoriese irritasie veroorsaak.
Baie giftig vir waterlewe met langdurige nagevolge.

GARS - Laat 95 dae toe tussen toediening en oes.

KORING - Laat 91 dae toe tussen toediening en oes.

Mag erge oogirritasie met gepaardgaande horingvliesskade veroorsaak, wat kan lei tot permanente skade en selfs blindheid. Chemiese brandwonde mag voorkom.

Mag matige velirritasie met lokale rooiheid veroorsaak. Mag vel uitdroog of laat skilfer.

Bêre in 'n koel, droë plek en in die oorspronklike houer.

Hou buite bereik van kinders, oningeligte persone en diere.

Bêre weg van voedsel, voer, medisyne, drinkwater, saad en enige ander landbouchemikalieë.

Baie giftig vir visse en ander akwatiese organismes.

HERBETREDING: Moet nie behandelde gebied betree voordat die spuitneerslag droog geword het nie, behalwe indien beskermende oorklere gedra word.

VRYWARING

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; die gehalte van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie; die voorkoms van weerstand van onkruid teen die betrokke middel; sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer geen verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of die nadelige uitwerking daarvan op mense of diere, 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 of registrasiehouer waar enige onsekerheid bestaan.

VOORSORGMAATREËLS

VOORSORGVERKLARINGS:

Vermynaseming van mis/dampe/sproei.

Dra beskermende handskoene/beskermende klere/oog- en gesigskerm.

VELKONTAK: Was met baie water.

INASEMING: Neem die persoon na 'n plek met baie vars lug wat asemhaling sal vergemaklik.

INDIEN IN OÊ: Spoel vir 'n paar minute versigtig met water uit. Indien die persoon kontaklense dra en dit maklik verwyder kan word, haal dit uit en gaan voort met spoel van die oog. Ontbied onmiddellik 'n gifbeheersentrum/geneesheer.

Verwyder die inhoud/houer ooreenkomstig toepaslike regulasies.

Moet nie walms of sproeinewels inasem nie.

Vermý kontak met oë en vel.

Was besoedelde klere na gebruik.

Was met seep en water na gebruik.

Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.

Voorkom dat sproeinewels na ander gewasse, weivelde, riviëre, damme en areas wat nie onder behandeling is nie, oorwaai.

Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.

TOEPASLIKE STOWWE:

KOMPONENTE	CAS-nr.	Konsentrasie (% w/w)
Fluroksipir-meptiel (ISO)	81406-37-3 279-752-9 607-272-00-5	34,9
Klokwintaset-meksel	99607-70-2 01-2119381871-32-0002, 01-2119381871-32-0003, 01-2119403579-350000	1,66
Halauxifen-metiel	943831-98-9	1,63
Reaksiemassa van N,N-dimetieldekaan-1-amied en N,N-dimetieloktanamied	Nie toegewys 01-2119974115-37	$\geq 40 - < 50$
Poliëtileenglikol mono (tristirielfeniel) eter	99734-09-5	$\geq 3 - < 10$
Benseensulfonsuur, mono-C11-13-vertakte alkielderivate, kalsiumsoute	68953-96-8 273-234-6 01-2119964467-24	$\geq 2,5 - < 3$
Koolwaterstowwe, C10, geurmiddels, <1% naftaleen	1189173-42-9 01-2119463583-34-0008, 01-2119463583-34-0009, 01-2119463583-340010	$\geq 2,5 - < 3$
N-metiel-2-pirrolidoon	872-50-4 212-828-1 606-021-00-7 01-2119472430-46	$\geq 0,1 - < 0,3$

NOODHULPBEHANDELING:

Inaseming

Neem persoon na vars lug. Indien die persoon nie asemhaal nie, ontbied 'n noodhulpdiens of ambulans en gee dan kunsmatige asemhaling; gebruik redderbeskerming (sakmasker ens.) in geval van mond-tot-mond asemhaling. Skakel 'n gifbeheersentrum of dokter vir behandelingsadvies. Indien die persoon moeilik asemhaal, moet suurstof deur opgeleide personeel toegedien word.

Velkontak

Verwyder gekontamineerde klere. Was vel met seep en genoegsame water vir 15-20 minute. Kontak 'n gifbeheersentrum of geneesheer vir behandelingsadvies. Was gekontamineerde klere voor hergebruik. Doen behoorlik weg met skoene en ander leeritems wat nie ontsmet kan word nie.

Oogkontak

Spoel oë dadelik en aanhoudend met lopende water vir ten minste 30 minute. Indien persoon kontaktese dra, verwyder dit na die eerste vyf minute en spoel vir nog etlike minute. Kry dadelik mediese advies, verkieslik van 'n oogarts. Voldoende nood-oogwasfasiliteite moet onmiddellik beskikbaar wees.

Inname

Kontak onmiddellik 'n gifbeheersentrum of geneesheer vir behandelingsadvies. Indien die persoon kan sluk, laat hom/haar 'n glas water drink. Moet nie braking induseer tensy 'n geneesheer dit aanbeveel nie. 'n Bewustelose persoon moet niks per mond ontvang nie.

WEERSTANDIGHEIDSVOORKOMING EN -BESTUUR

PIXXARO® 266 EC is 'n samestelling van twee sintetiese ouksien-tipe onkruidodders (Groep O). Onkruidbeheer word verkry deurdat normale plantegroei onderbreek word.

As gevolg van die natuurlike genetiese variasie binne enige onkruidpopulasie, mag sommige onkruidbiotipes wat in die natuur voorkom, weerstandbiedendheid teen **PIXXARO® 266 EC** of ander Groep O-onkruidodders toon. Indien onkruidodders met dieselfde werking herhaaldelik gebruik word, kan hierdie weerstandbiedende individue uiteindelik die onkruidpopulasie domineer. Hierdie weerstandige onkruid sal nie deur **PIXXARO® 266 EC** of ander Groep O-onkruidodders beheer word nie.

VERSTADIG DIE SELEKSIE VAN WEERSTANDIGE ONKRUIDE

- ❖ Waar prakties moontlik, implementeer bewerkingspraktyke, wisselboustelsels of ander meganiese beheerstelsels (insluitend die gebruik van nie-selektiewe onkruidodders).
- ❖ Vermyn die uitsluitlike, herhaaldelike gebruik van onkruidodders met dieselfde werking. Beplan en pas gewasrotasie toe sodat onkruidodders met verskillende werkings gebruik word.
- ❖ Hou rekord van elke land se onkruidoddergebruik.
- ❖ Voorkom die verspreiding van weerstandbiedende saad asook plantmateriaal na ander lande deur stropers en ploë gereeld skoon te maak; plant ook onkruidvrye saad.
- ❖ Om die verspreiding van saad via veekuddes te verhoed, begin met die beweiding van lande met die minste onkruidweerstand voordat vee geskuif word na lande met hoë weerstand.
- ❖ Onderzoek alle lande jaarliks om moontlike weerstandigheid vroegtydig te identifiseer.

Kontak u Corteva Agriscience™-verteenwoordiger vir verdere advies rakende die voorkoming van onkruidodderweerstandigheid.

Indien die voorafgaande maatreëls nie nougeset nagekom word nie, kan Corteva Agriscience™ geen aanspreeklikheid aanvaar vir enige verlies wat mag ontstaan indien **PIXXARO® 266 EC** nie weerstandige onkruid beheer nie.

GEBRUIKSBEPERKINGS EN -NOTAS.

Moet nie as 'n lugbespuiting gebruik nie.

PIXXARO® 266 EC moet nie aangewend word op kleingrane wat met peulgewasse ondersaai is nie. Hierdie produk **MOET NIE** in steenvrugboorde gebruik nie.

PIXXARO® 266 EC moet nie in sitrus- of kernvrugboorde toegedien word nie.

PIXXARO® 266 EC moet nie in kwekerye toegedien word nie.

Sensitiewe gewasse sluit in, maar is nie beperk nie, tot klawers, katoen, hops, lupiene, sierplante, ertjies, dennebome, aartappels, saffloer, skadubome, sojabone, steenvrugboorde, sonneblomme, tabak, tamaties, groente en wingerde.

Moet nie **PIXXARO® 266 EC** toedien op gewasse wat onder stremming verkeer weens strawwe weerstoestande soos koue of ysige temperature en swaar reëns, droogte, versuiping, voedingstoftekorte, siekte, insek- of aalwurmskade of oordrag van onkruidodderresidue nie.

Dien die produk streng volgens die gebruiksaanwysings toe.

Moet nie enige waterbronne soos damme, riviere, boorgate, en dies meer besoedel nie.

PIXXARO® 266 EC mag slegs **EEN** keer per seisoen toegedien word.

Maak toedieningsapparaat deeglik skoon na gebruik en maak seker dat alle residue van **PIXXARO® 266 EC** verwyder is (sien 'Skoonmaak van spuittoerusting').

Spoel leë houters drie keer uit met 'n hoeveelheid water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word. Moet dit vir geen ander doel hergebruik nie.

MINIMUM WAGTYDPERKE EN GEWASROTASIE-RIGLYNE

Die minimum wagtydperk dui op die tydsverloop vanaf die laaste toediening van **PIXXARO® 266 EC** tot en met die verwagte aanplantingstyd van 'n opvolggewas. Die tydperke hieronder gespesifiseer is slegs geldig onder gunstige grondvog- en temperatuurtoestande, wat spoedige afbraak van **PIXXARO® 266 EC** deur mikrobiële aktiwiteit bevorder. Abnormale droë en/of koue toestande mag stadiger afbraak teweegbring.

Gewasrotasie-riglyne moet deeglik oorweeg word voordat **PIXXARO® 266 EC** gebruik word.

Neem die volgende wagtydperke in ag om skade aan opvolggewasse te voorkom:

Opvolggewasse	Wagtydperk
Gars, kanola, mielies, hawer, sorghum, sojabone, sonneblom, koring	14 dae
Katoen	30 dae
Droëbone, grondbone, ertjies, lusern	Nege maande

'n Wagtydperk van ten minste **24 maande** word aanbeveel vir alle ander opvolggewasse wat nie hier gelys is nie, en moet voorafgegaan word deur 'n toetsaanplanting. Toetsstroke van die verlangde opvolggewas moet aangeplant word en tydens ontkieming en opkoms vir abnormale groeitoestande gemonitor word om te bepaal of dit suksesvol verbou kan word. Die land moet altyd eers diep geploeg word voordat 'n opvolggewas geplant word.

ONKRUIDE NORMAALWEG BEHEER DEUR PIXXARO® 266 EC:

<i>Amaranthus hybridus</i>	Gewone misbredie
<i>Arctotheca calendula</i>	Gousblom
<i>Capsella bursa-pastoris</i>	Herderstassie
<i>Chenopodium album</i>	Withondebossie
<i>Coronopus didymus</i>	Peperkruid
<i>Erodium moschatum</i>	Turknael
<i>Galinsoga parviflora*</i>	Knopkruid
<i>Malva parviflora</i>	Kiesieblaar
<i>Plantago lanceolata</i>	Smalweëblaar
<i>Senecio consanguineous</i>	Sprinkaanbossie/radiatorbossie
<i>Sisymbrium thellungii</i>	Gewone wildemosterd
<i>Stellaria media</i>	Sterremuur/muurgras

* Wisselvallige beheer kan verwag word.

Bykomend tot die onkruid hierbo gelys, kan die volgende onkruid ook beheer word met tenkmengsels van MAMBA® DMA 480 SL op oorlêlande:

<i>Conyza bonariensis</i>	Kleinskraalhans
<i>Conyza canadensis</i>	Kanadese skraalhans

NOTAS:

1. **PIXXARO® 266 EC** beheer sekere onkruidspesies soos hierbo gelys. Ander eenjarige breëblaaronkruid wat nie tydens die ontwikkelingsproewe voorgekom het nie, kan ook tot 'n sekere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid ten opsigte van ongelyste onkruid nie.
2. **PIXXARO® 266 EC** sal nie onkruid beheer wat nog nie ten tyde van toediening opgekom het nie.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

ALGEMENE INLIGTING

PIXXARO® 266 EC is 'n emulsie-konsentraat onkruidodder vir voorplantbeheer van breëblaaronkruid op oorlêlande en selektiewe vroeë na-opkomsbeheer van breëblaaronkruid in koring, gars en oorlêlande.

PIXXARO® 266 EC moet met skoon water gemeng word en as 'n eenvormige, breedwerpige grondbespuiting toegedien word.

PIXXARO® 266 EC moet vroeg na opkoms toegedien word op jong en aktiefgroeiende breëblaaronkruid. Warm, vogtige toestande bevorder die groei van onkruid wat op sy beurt die blaaronname en doeltreffendheid van **PIXXARO® 266 EC** bevorder.

Onkruid wat weens koue weer of droogtestres verhard het, kan aanleiding gee tot onvoldoende beheer, of onderdrukking en hergroei kan moontlik plaasvind. Vir die beste resultate, verseker dat teikenonkruid deeglik bespuit word. Dien **PIXXARO® 266 EC** toe voordat die gewas te dig word en doeltreffende bespuiting beperk.

Vir die maksimale beheer van breëblaaronkruid op oorlêlande, dien **PIXXARO® 266 EC** toe saam met produkte gelys onder "VERENIGBAARHEID" op jong onkruid in die saailingstadium, maar voordat dit die ses-blaar groeistadium verbysteek. Onkruid moet aktief groei onder vogtige toestande. Onkruid wat onder droogtestremming verkeer, mag minder gevoelig wees.

PIXXARO® 266 EC inhibeer die groei van sensitiewe plante. Onder ideale toestande sal sigbare simptome binne 2-4 weke verskyn. Onder ongunstige toestande, sal simptome tot en met 6-8 weke sigbaar wees (verlengde tydperke van uiterste temperature of vogtigheid).

VERENIGBAARHEID: BEHANDELING VAN OORLÊLANDE

PIXXARO® 266 EC kan saam met die volgende onkruidodders in 'n tenkmengsel gebruik word:

2,4-D AMINE 480 SL	L3619	(480 g 2,4-D Amine)
2,4-D ESTER 500 EC	L3617	(500 g 2,4-D Ester)
GLEAN® 75 DF	L1672	(750 g chlorsulfuron)
MAMBA® DMA 480 SL	L8388	(480 g glifosaat)
MCPA 400 SL	L3616	(400 g MCPA)

Wanneer **PIXXARO® 266 EC** in 'n tenkmengsel saam met enige van die bogenoemde produkte gebruik word, moet alle waarskuwings, voorsorgmaatreëls, gebruiksbepelings en gebruiksaanwysings noukeuring nagekom word, soos op die onderskeie etikette aangedui.

VERWYS ALTYD NA DIE PRODUKETIKETTE.

NOTAS:

(i) **WAAR EEN VAN DIE BOGENOEMDE PRODUKTE SAAM MET PIXXARO® 266 EC IN 'N TENKMENGSEL GEBRUIK WORD, MOET VOLLEDIGE INLIGTING VANAF DIE BETROKKE ETIKET VERKRY EN NAGEVOLG WORD.**

(ii) Die verenigbaarheid van **PIXXARO® 266 EC** met aanbevole produkte in tenkmengsels, kan deur die formulasie van hierdie produkte beïnvloed word. Watergehalte kan ook 'n invloed op hierdie tenkmengsels hê. Aangesien ander produkte se formulasies kan verander sonder Corteva Agriscience RSA (Edms) Bpk se medewete, en aangesien watergehalte van plaas tot plaas kan verskil, moet 'n fisiese verenigbaarheidstoets altyd uitgevoer word voordat bespuiting plaasvind. Corteva Agriscience RSA (Edms) Bpk aanvaar geen verantwoordelikheid vir die gewasverdraagsaamheid van hierdie tenkmengsels indien produkte se formulasies verander het of vir vermenging met produkte wat nie hierbo gelys is nie.

Vir verdere inligting, raadpleeg u plaaslike verteenwoordiger.

MENGINSTRUKSIES

Vul die spuittenk kwart- tot halfvol met skoon water.

Skakel die roertenk aan.

Voeg die verlangde hoeveelheid **PIXXARO® 266 EC** in die spuittenk.

Voeg die nodige hoeveelheid aanbevole komplementêre onkruidodders soos MCPA 400 SL by.

Hou aan met roer en vul die tenk verder met water totdat die verlangde volume in die spuittenk bereik is.

Die spuitmengsel moet tydens vermenging en toediening voortdurend en deeglik geroer word. Indien die toedieningsproses vir watter rede ook al onderbreek is, roer die mengsel weer deeglik voor hergebruik.

Indien MAMBA® DMA 480 SL deel is van 'n tenkmengsel, moet dit laaste by die spuittenkmengsel gevoeg word. Voeg ammoniumsulfaat by die spuittenkmengsel voordat **PIXXARO® 266 EC** bygevoeg word.

Tenkmengsels moet onmiddellik gespuit word en mag nie in die spuittenk bly staan nie, aangesien die mengsel se doeltreffendheid kan verswak weens produkafbraak.

GRONDTOEDIENING

PIXXARO® 266 EC kan, op sy eie of in 'n tenkmengsel, op oorlêlande toegedien word deur middel van enige medium- of hoë-volume spuittoerusting met 'n doeltreffende roermeganisme wat voldoende bedekking en eweredige verspreiding verseker.

Die beste resultate word verkry deur die gebruik van platwaaierspuitpunte en toediening van 'n minimum spuitvolume van 200 liter water per hektaar.

Onkruid wat deur ander onkruid of die gewas beskut word, kan onvoldoende bespuiting ontvang en tot wisselvallige beheer lei. Gee deeglike oorweging hieraan wanneer die tydsberekening van **PIXXARO® 266 EC**-toediening bepaal word. Vir optimale beheer, bespuit die onkruid tydens die jong, aktief-groeiende stadium (2- tot 6-blaar). Slegs onkruid wat tydens toediening teenwoordig is, sal beheer word.

GEWAS	DOSIS/HA	OPMERKINGS
KLEINGRAAN Koring	500 ml PIXXARO® 266 EC	Dien toe op aktief-groeiende onkruid, saailing tot 6-blaar groeistadium.
KLEINGRAAN Gars	400 ml PIXXARO® 266 EC	Dien toe op aktief-groeiende onkruid, saailing tot 6-blaar groeistadium.
OORLÊLANDE	500 ml PIXXARO® 266 EC + produk gelys onder "VERENIGBAARHEID" (soos per etiketaanbeveling)	Dien toe op aktief-groeiende onkruid, saailing tot 6-blaar groeistadium.
Verseker dat die inligting onder "GEBRUIKSAANWYSINGS" noukeurig gevolg word. Verseker deeglike bedekking van onkruid om doeltreffende beheer te verkry. Waar onkruid deur 'n digte stand van die gewas en/of ander onkruid beskut word, kan dit onvoldoende sproeibedekking met daaropvolgende swak onkruidbeheer meebring. Neem dit in ag wanneer die spuittoedieningstyd bepaal word. Onkruid wat na toediening van PIXXARO® 266 EC ontkiem, sal nie beheer word nie, aangesien hierdie produk nie oor enige sterk grond-residuele nawerking beskik nie. Die graad van beheer en duur van uitwerking hang af van die onkruidspesie, onkruidgrootte en groeitoestande gedurende en na toediening.		

SKOONMAAK VAN SPUITTOERUSTING

Om daaropvolgende skade aan gewasse te vermy, moet alle **PIXXARO 266 EC**-residue direk na toediening, deeglik uit die meng- en spuittoerusting verwyder word. Gaan soos volg te werk:

- Dreineer die spuittenk onmiddellik nadat 'n gewas bespuit is. Was enige kontaminasie aan die buitekant van die tenk met skoon water af.
- Spoel die binneoppervlak van die tenk met skoon water. Spuit ten minste een tiende van die tenk se kapasiteit deur die pype en spuitpunte. Dreineer die tenk deeglik.

- c) Maak die tenk halfvol met skoon water en voeg die korrekte hoeveelheid skoonmaakmiddel, bv. huishoudelike ammoniak, by. Vir elke 100 liter van die finale tenkvolume, voeg 350 ml ammoniak (9,5% ammoniak) in die water. (Bv. in die geval van 'n 1 000-liter spuittenk, vul dit met 500 liter water en voeg 3,5 liter [= 10 x 0.35 liter] ammoniak by).

Die oorspronklike mengsel, wat nou dubbelsterkte is, moet deeglik geroer word en vir ongeveer 10-20 minute deur die pype en spuitpunte gespoel word.

Voeg dan water by die oorblywende mengsel totdat die tenk vol is. Laat hierdie mengsel 15 minute lank in die tenk staan terwyl dit geroer word. Na 15 minute, spuit weer deur die pype en spuitpunte. Dreineer die tenk deeglik.

- d) Verwyder spuitpunte en siwwe en plaas dit in 'n emmer wat 40 ml huishoudelike ammoniak per 10 liter water bevat.
- e) Spoel die tenk weer deeglik met skoon water uit. Spuit ten minste een tiende van die tenk se kapasiteit deur die pype en spuitpunte.
- f) Raak op 'n veilige manier van alle spoelwater ontslae. Moet dit nie op sensitiewe gewasse of op lande wat geoormerk is vir die plant van sensitiewe gewasse, spuit nie.

Voorsorgmaatreëls met spuitskoonmaak

- Moet nie die skoonmaakmiddel se dampe inasem nie.
- Vermyn oog- en velkontak.
- In geval van kontak met die oë en vel, spoel onmiddellik met voldoende hoeveelhede water en win mediese advies in.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Berg skoonmaakmiddels slegs in die oorspronklike houers.

BERGING EN Vernietiging

Bergingstoestande

Bêre agter slot en Grendel, weg van sonlig en vogtigheid, in die oorspronklike, dig-toegemaakte houer, in 'n goed-geventileerde area, weg van voedsel en voer. Vermyn berging bo 35°C.

Wegdoen met produkte en houers

Moet nie leë houers vir enige ander doel hergebruik nie, veral nie vir die stoor van water, voedsel en voer nie. Perforeer en druk die houer plat voordat dit op die voorgeskrewe wyse verwyder word.

Vernietig leë houers of oorskotprodukt in 'n industriële verbrandingsoond wat vir landbouchemikalieë goedgekeur is. Moet dit nie begrawe in of spuit op enige area wat vir landbou gebruik word nie. Leë houers moet deeglik met skoon water uitgespoel word. Gooi hierna die spoeloplossing in die spuittenk.

Die volgende handelsmerke en registrasies word onder Wet 36 van 1947 erken:

GLEAN® 75 DF

L1672

FMC Chemicals (Pty) Ltd

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