

PIXXARO™ 266 EC

Arylex™ active



HERBICIDE

REG. NO. L11191 ACT/WET NO. 36 of/van 1947

A SELECTIVE HERBICIDE FOR THE POST-EMERGENCE CONTROL OF BROADLEAF WEEDS ON FALLOW LANDS AND IN WHEAT, BARLEY AND FALLOW LAND

'N SELEKTIEWE ONKRUIDDODER VIR DIE NA-OPKOMS BEHEER VAN BREË-BLAARONKRUIDE OP OORLÊ LANDE EN IN KORING, GARS EN OORLÊ LANDE

HERBICIDE GROUP CODE

O

ONKRUIDDODER GROEP KODE

ACTIVE INGREDIENTS/AKTIEWE BESTANDDELE

ARYLEX™ (halauxifen-methyl) 16.25 g a.e./L ARYLEX™ (halauxifen-metiel)
(Pyridine Compound) (Piridiënverbinding)
Fluroxypyr (pyridyloxy compound) 250 g a.e./L Fluroksipir (piridiloksieverbinding)

NET MASS L NETTO MASSA

REGISTRATION HOLDER / REGISTRASIEHOUER:

DOW AGROSCIENCES SOUTHERN AFRICA (PTY) LTD / (EDMS) BPK
REG. NO. 1967/007147/07
GROUND FLOOR MAGWA BUILDING
MAXWELL OFFICE PARK, MAGWA CRESCENT, WATERFALL CITY
MIDRAND, 1686 SOUTH AFRICA
™ Trademark of/Handelsmerk van Dow AgroSciences LLC

Batch Number

..... Lotnommer

Date of Manufacture

..... Vervaardigingsdatum

UN NO : 3082

Poisons Helpline: +27(0)861 555 777
Griffon Poison Information Centre: +27(0)82 446 8946
24 Hour Emergency Tel No: +27(0)82 887 8079
Information Hotline Tel No: +27 (0)12 683 5700

Pixxaro™ 266 EC/2022-03-16



CAUTION
VERSIGTIG



WARNINGS

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.

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

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.

SYMPTOMS OF HUMAN OVER EXPOSURE:

May cause severe eye irritation with corneal injury.

Prolonged skin contact may cause moderate irritation with local redness but is unlikely to result in absorption of harmful amounts.

FIRST AID MEASURES:

Never give fluids by mouth or induce vomiting if patient is unconscious or having convulsions.

Ingestion:

Contact a physician. The decision of whether to induce vomiting or not should be made by a physician.

Eye contact:

Wash eyes immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses, if present, after the first 5 minutes and continue flushing for several minutes. Get prompt medical treatment, preferably from an ophthalmologist. Suitable emergency eye wash facilities should be immediately available.

Skin Contact:

Remove contaminated clothing. Immediately wash skin with soap and plenty of water. Wash contaminated clothing before re-use.

Inhalation:

Immediately remove patient to fresh air. Consult a physician.

NOTE TO PHYSICIAN:

There is no specific antidote. Treatment based on judgment of physician in response to symptoms of patient.

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 further advice on the prevention of herbicide resistance contact your Dow AgroSciences representative.

In the case where the above-mentioned measures are not followed, Dow AgroSciences 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, soybeans, sunflowers, wheat	14 days
Cotton	30 days
Dry beans, groundnuts, lucerne, peas	9 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:

1. **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.
2. **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 Dow AgroSciences Southern Africa (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. Dow AgroSciences Southern Africa (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 (2-6 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 6-leaf growth stage.
CEREALS barley	400 ml PIXXARO™ 266 EC	Apply to actively growing weeds, seedling to 6-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 6-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 1000 litres spray tank, fill with 500 litres water and add 3.5 litres (= 10 x 0.35 L) 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 minute.

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 No. 36 of 1947 are acknowledged:

GLEAN® 75 DF

L1672

FMC Chemicals (Pty) Ltd

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