

Pixxaro[®] 266 EC

Arylex[®] active

HERBICIDE



ACTIVE INGREDIENTS

Formulation

16.25 g/ℓ Arylex[®] (Halauxifen-Methyl)

250 g/ℓ Fluroxypyr

KEY ATTRIBUTES

Pixxaro[®] 266 EC (L11191) 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 and barley. Pixxaro[®] 266 EC (L11191) is a mixture of two synthetic auxin -type herbicides (HRAC group O, WSSA group 4) which controls challenging broadleaf weeds by disrupting normal plant growth.

Arylex[®], one of the active ingredients in Pixxaro[®] 266 EC (L11191) is an innovative low-dosage growth regulator herbicide, which target a wide spectrum of hard to control weeds.



APPLICATION



Crop:

Wheat | Barley | Fallow Land (Cereals)



Application Dose Rate:

Wheat - 500 ml / ha

Barley - 400 ml / ha

Fallow Land (Cereals) - 500 ml / ha

Ensure thorough coverage of weeds at 200 L water / ha to achieve effective control.



Compatibility & Treatment:

Pixxaro[®] 266 EC (L11191) is compatible with the following herbicides in a tank mixture for expanded spectrum broadleaf weed control on fallow lands (only):

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)



Ground Application

Pixxaro[®] 266 EC (L11191) can be applied on its own or in a tank mixture for fallow lands.

Apply with a medium or high-volume sprayer 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.



NOTEWORTHY FEATURES

Arylex[®] is a member of the synthetic auxin class herbicides. Treatment with Arylex[®] mimics the effect of a persistent high-dose of the natural plant hormone auxin causing over-stimulation of specific auxin-regulated genes.



Effective post-emergence control of many common and economically damaging broadleaf weeds in cereals and barley.



Low use rates resulting in low environmental load of herbicide.



Alternative mode of action to help manage resistant weed biotypes.



Rapid degradation in soil and plant tissues allowing for crop rotation flexibility.



Favourable environmental and toxicology profile.

ACTIVE SUBSTANCES



Arylex[®] active

Structural Class: Halauxifen -methyl
Chemical Family: Arylpicolinate

Fluroxypyr active

Structural Class: Pyridyloxy
Chemical Family: Pyridine carboxylic acid

MODE OF ACTION



Synthetic auxins that mimic indole-3-acetic acid (IAA), an integral plant hormone affecting cell growth, development, and tropism.

CLASSIFICATIONS



HRAC Classification | Group O (Synthetic Auxins)

WSSA Classification | Group 4 (Synthetic Auxins)

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APPLICATION RATE

Apply 0.5 L/ha on fallow lands.

Apply 0.5L/ha post-emergence in wheat on actively growing weeds, seedlings to 6-leaf growth stage.

Apply 0.4 /ha post-emergence in barley on active growing weeds, seedling to 6-leaf growth stage.

Application Method - Foliar application

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

RE-CROPPING PERIODS

FOLLOW CROPS	PERIOD
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



TARGET CROPS AND WEEDS

Pixxaro[®] 266 EC (L11191) controls a wide spectrum of challenging **broadleaf weeds** like *Amaranthus hybridus*, *Arctotheca calendula*, *Capsella bursa-pastoris*, *Chenopodium album*, *Coronopus didymus*, *Erodium moschatum*, *Galinsoga parviflora*, *Malva parviflora*, *Plantago lanceolata*, *Senecio consanguineus*, *Sisymbrium thellungii*, *Stellaria media*

RECOMMENDED APPLICATION OF PIXXARO[®] 266 EC (L11191)

- Weed stage; Seedlings to 6-leaf growth stage.
- Weeds should also be actively growing under moist condition.
- For best results, ensure thorough spray coverage of target weeds.
- When applied as a post-emergence treatment Pixxaro[®] 266 EC (L11191) should be applied prior to crop growth reaching a density, which would inhibit effective coverage of the weeds.

Pixxaro[®] 266 EC (L11191) 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).

PRECAUTION AND CONSIDERATIONS

- 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 (L11191) 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.

MINIMUM RE-CROPPING PERIODS AND ROTATION GUIDELINES

- The periods specified below will only be valid if favourable soil moisture and temperature conditions prevail to promote more rapid breakdown of Pixxaro[®] 266 EC (L11191) by microbial activity.

Preharvest Interval or Withholding periods

BARLEY – Allow 95 days between application and harvesting.

WHEAT – Allow 91 days between application and harvesting.

FOR MORE INFORMATION CONTACT THE REGISTRATION HOLDER: Dow AgroSciences Southern Africa (Pty) Ltd Reg. No. 1967/007147/07 • Paarl +27 (0) 21 860 3620 • Centurion +27 (0) 12 683 5700 • Local Emergency No +27 (0) 82 895 0621 (SA only) • 24 Hour Emergency No +32 3 575 5555 • Maxwell Office Park, Magwa Building, Ground Floor, Magwa Crescent, Waterfall City, Midrand, 1686, South Africa

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