

 **Axial<sup>®</sup> Pro****GROUP 1 HERBICIDE**

Emulsifiable concentrate containing 55 g/l pinoxaden and 13.75 g/l cloquintocet-mexyl.

Controls wild oats and ryegrasses in winter and spring wheat and winter and spring barley.

**In case of toxic or transport emergency ring +44 (0) 1484 538444 anytime**

*SHAKE WELL BEFORE USE  
PROTECT FROM FROST*

**syngenta**  
**3 Litres****FOR PROFESSIONAL USE ONLY**

To avoid risks to human health and the environment, comply with the instructions for use.

AXIAL Pro is an emulsifiable concentrate containing 55 g/l pinoxaden and 13.75 g/l cloquintocet-mexyl.

**Warning**

**Causes skin irritation.**

**May cause an allergic skin reaction.**

**Suspected of damaging the unborn child.**

**Toxic to aquatic life with long lasting effects.**

Obtain special instructions before use.

Avoid breathing mist or vapours.

Wash skin thoroughly after handling.

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

IF exposed or concerned: Get medical advice/ attention.

Collect spillage.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty triple rinsed containers which can be disposed of as non-hazardous waste.

**PCS: 06258 UFI: 39C3-909U-0004-S0V0**



Product names marked ® or ™, and the SYNGENTA Logo are Trademarks of a Syngenta Group Company

L1136826 IREL/05D PPE 4231959

<b>Authorisation holder</b>	<b>Marketing Company</b>
Syngenta UK Limited, Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY Tel +44 (0) 1223 883400	Syngenta Ireland Limited Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford. Tel: (051) 377203

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

**Crop:** Winter and spring wheat, Spring and Winter Barley

**Max. individual dose:** 0.82 l/ha

**Max. no. of applications:** -

**Max. total dose:** 0.82 l/ha

**Latest time of application:** Before flag leaf sheath extending stage (GS 41)

To avoid the build up of resistance do not apply products containing an ACCase inhibitor herbicide more than twice to any crop. In addition, do not use this product in mixture or sequence with any other product containing pinoxaden.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**ADDITIONAL SAFETY INFORMATION****(a) Operator protection**

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WASH SPLASHES from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

**(b) Environmental Protection**

Do not contaminate water with the product or its container. Do not clean application equipment near surface water/ avoid contamination via drains from farmyards and roads.

**(c) Storage and disposal**

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

EMPTY CONTAINER COMPLETELY and dispose of safely.

This leaflet is part of the approved Product Label.

### **PROPERTIES OF AXIAL® Pro**

AXIAL Pro is a foliar acting grass-weed killer for the control of wild oats, Italian rye-grass and perennial rye-grass (from seed) in winter and spring wheat and winter and spring barley. It is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group 1'.

### **RESTRICTIONS**

To avoid the build up of resistance do not apply products containing an ACCase inhibitor herbicide more than twice to any crop. In addition, do not use this product in mixture or sequence with any other product containing pinoxaden.

Do not use on oats

Do not spray crops under stress or to crops suffering from waterlogging, pest attack, disease or frost

Do not spray crops undersown with grass mixtures

Rain within one hour after application may reduce grass-weed control

Do not allow spray to drift onto neighbouring crops of oats, ryegrass or maize

Avoid the use of hormone-containing herbicides in mixture or sequence with AXIAL Pro. When AXIAL Pro is applied first, leave 7 days before applying hormone herbicides. If hormone-containing products are applied first, leave 21 days before AXIAL Pro is applied.

### **GENERAL INFORMATION**

AXIAL Pro is a foliar acting grass-weed killer for the control of wild oats, Italian rye-grass and perennial rye-grass (from seed) in winter and spring wheat and winter and spring barley. It is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group 1'.

## **WEEDS CONTROLLED**

AXIAL Pro controls wild oats, Italian rye-grass and perennial rye-grass (from seed) in winter and spring wheat and winter and spring barley.

## **RESISTANCE MANAGEMENT**

This product contains pinoxaden which is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group A'.

Use only as part of a resistance management strategy that includes cultural methods of control and does not use ACCase inhibitors as the sole chemical method of grass-weed control.

Applying a second product containing an ACCase inhibitor to a crop will increase the risk of resistance development; only use a second ACCase inhibitor to control different weeds at a different timing.

Strains of some annual grasses (e.g. black-grass, wild-oats, and Italian rye-grass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the AHDB, CPA, your distributor, crop advisor or product manufacturer. Key aspects of the AXIAL Pro resistance management strategy are:

- Always follow WRAG guidelines for preventing and managing herbicide resistant grass weeds.
- Do not use AXIAL Pro or any other ACCase inhibitor as the sole means of grass weed control in successive crops.
- Use grassweed herbicides with different modes of action throughout the cropping rotation.

- To reduce the risk of developing resistance, applications should be made to young, actively growing weeds.
- Use tank/product mixes or sequences of herbicides with different modes of action within individual crops, or successive crops.
- Monitor weed control effectiveness and investigate any odd patches of poor grass weed control. If unexplained, contact your agronomist who may consider a resistance test appropriate.
- Use crop rotation and other cultural control measures to prevent and manage herbicide resistant grass weeds.
- Only apply AXIAL Pro once per crop.

AXIAL Pro has no residual activity. Optimum weed control will only be achieved when all grass weeds have emerged.

The activity of AXIAL Pro is not affected by soil type, organic matter or straw residues.

AXIAL Pro does not control broad-leaved weeds and if these are present a specific broad-leaved weed herbicide will be required.

## **CROP SPECIFIC INFORMATION**

### **Crops**

AXIAL Pro can be used on all varieties of winter and spring wheat and winter and spring barley.

### **Timing**

Spray in the autumn, winter or spring from two true leaves (GS12) to before flag leaf sheath extending stage of the crop. Spraying should be done when the majority of weeds have germinated, but before weed competition reduces yield.

## **Rates of use**

Apply AXIAL Pro at 0.55 – 0.82 litres per hectare.

## **WEED CONTROL**

### **Winter and spring wheat and winter and spring barley**

**Wild oats** – apply 0.82 litres per hectare AXIAL Pro from 1st leaf unfolded to flag leaf ligule visible. Where applications are made to wild oats no larger than the 2 tiller stage (GS22) a dose of 0.55 litres per hectare may give acceptable levels of control.

**Italian rye-grass and perennial rye-grass (from seed)** – apply 0.82 litres per hectare AXIAL Pro from 1st leaf unfolded to flag leaf ligule visible. Where applications are made to ryegrasses no larger than the 2 tiller stage (GS22) a dose of 0.55 litres per hectare may give acceptable levels of control. Always

use as part of a weed control programme including other products active against ryegrasses.

## **FOLLOWING CROPS**

There are no restrictions on succeeding crops in a normal rotation. In the event of a crop failure after application of AXIAL Pro, 4 weeks should elapse after application before ryegrass, maize, oats or broad-leaved crops are planted as replacement crops.

## **MIXING AND SPRAYING**

### **Mixing Procedure**

Make sure the sprayer is set to give an even application at the correct volume. Fill the spray tank with half the required volume of water and begin agitation. Add the required amount of AXIAL Pro to the spray tank and mix thoroughly. Add the rest of the water and continue to agitate until spraying operation is complete.

### **Spray Quality**

Apply AXIAL Pro using a conventional fan nozzle producing a spray quality at the finer end of the medium range as defined by the British Crop Protection Council.

Do not use pre-orifice and air induction nozzles as these may give reduced control, which in high weed populations can prove unacceptable. A spray pressure of 2-3 bars is recommended.

### **Spray Volume**

Spray AXIAL Pro in 100 - 400 litres of water per hectare.

### **TANK CLEANING PROCEDURE**

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles two to three times with clean water until the foam and all traces of product have been removed.

**This product is to be used only in accordance with the recommendations and instructions given on the label provided with this pack. Use in any other circumstances is entirely at user's risk.**

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier



**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

**Crop:** Winter and spring wheat, Spring and Winter Barley

**Max. individual dose:** 0.82 l/ha

**Max. no. of applications:** -

**Max. total dose:** 0.82 l/ha

**Latest time of application:** Before flag leaf sheath extending stage (GS 41)

To avoid the build up of resistance do not apply products containing an ACCase inhibitor herbicide more than twice to any crop. In addition, do not use this product in mixture or sequence with any other product containing pinoxaden.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**ADDITIONAL SAFETY INFORMATION****(a) Operator protection**

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WASH SPLASHES from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

**(b) Environmental Protection**

Do not contaminate water with the product or its container.

Do not clean application equipment near surface water/ avoid contamination via drains from farmyards and roads.

**(c) Storage and disposal**

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

EMPTY CONTAINER COMPLETELY and dispose of safely.