

# AvadeX<sup>®</sup> Factor

A herbicide for use on winter wheat,  
winter barley and spring barley

A capsule suspension containing 450 g/L tri-alleate  
FOR USE ONLY AS AN AGRICULTURAL HERBICIDE For the  
control of a range of weeds in listed cereals

## IMPORTANT INFORMATION

PROFESSIONAL USE ONLY, AS DIRECTED BELOW

Crop	Maximum individual dose (Product/hectare)	Maximum number of applications	Maximum total dose (Product/hectare)	Latest time of application
Winter wheat, winter and spring barley	3.6 litres	-	3.6 litres	Pre crop emergence

**Specific weeds controlled:** Control of wild oats, and moderate populations of black grass loose silky bent and Italian ryegrass

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies. This product must not be applied via hand-held equipment.

**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.**

AvadeX Crop Protection Ltd, Highlands House,  
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(Registered company number: 9852199)

**24 HOUR EMERGENCY TELEPHONE NUMBER:**  
**+44 (0) 870 820 04 18**

AVADEX<sup>®</sup> FACTOR is a registered trademark used  
under license by Gowon Crop Protection Ltd.  
Lot Number/Production Date:



## WARNING

**May cause an allergic skin reaction**

**May cause damage to organs through prolonged or repeated exposure**

**via the oral route**

**Very toxic to aquatic life with long lasting effects.**

Keep out of reach of children

Do not breathe spray

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

iF ON SKIN: Wash with plenty of soap and water

Collect spillage

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

PCS No: 04756

**Gowon<sup>®</sup>**  
CROP PROTECTION LIMITED

Pack Size: **5 L e**

## USE INSTRUCTIONS

**IMPORTANT: This information is authorised as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.**

### Soil Type

Avadex Factor may be used on soils containing less than 10% organic matter.

### Seeded and climate conditions

Apply Avadex Factor to well prepared, moist seedbeds. Very cloddy seedbeds should be avoided. Loose, puffy seedbeds should be consolidated prior to drilling. Avadex Factor needs more moisture after application. If winter cereals are drilled in very dry conditions, application should be delayed until more favourable soil moisture conditions occur.

### Weeds Controlled

Avadex Factor herbicide controls wild-oats and moderate populations of black-grass, Italian ryegrass, and loose silky-bent.

### Following Crops

Do not sow oats or grass crops within a year after treating with Avadex Factor. Do not undersow grass species in crops that have been treated with this product. It is safe to undersow with clover and other legumes.

### Method of application

Tractor mounted/trailed sprayer

#### Mixing and spraying

Pour the required amount of Avadex Factor into the spray tank half-filled with water. Fill the remainder of the spray tank with water to the desired level, using the agitation system. Maintain agitation during the spray operation.

Use a water volume of 200 to 300 litres/hectare. Ensure uniform coverage of the soil with the spray solution. Avoid boom overlap and overdriving, as this may result in crop damage. Any crop damage resulting from spray boom overlap is likely to be transient and should not adversely affect crop yield.

### EQUIPMENT CLEANING

Following the completion of spray operations, the outside of the sprayer should be thoroughly cleaned and the spray-tank cleaned using a triple rinse procedure, with the addition of a proprietary tank-cleaner as part of the final rinse operation.

### Compatibility

For information about tank mixes please consult your distributor/advisor

### Crop Specific Information: Recommended use

Crop	Depth of drilling	Application rate – L/HA
Winter and spring barley	Normal	3.6
Winter wheat	4.0 cm	3.6

For winter crops, apply post-drilling but pre-emergence of the crop and weeds.

Spring barley can be applied Pre-drilling and incorporate with final seed-bed cultivation or post-drilling, pre-emergence of crop and weeds.

Where control is required of moderate to heavy populations of annual grasses, Avadex Factor should be used in sequence with other herbicides so long as the labels of each product are followed

### Resistance

Strains of some annual grasses (e.g. black-grass, wild-oats and Italian ryegrass) have developed resistance to herbicides why may lead to poor control. A strategy for managing and preventing such resistance should be developed. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer. Avadex Factor should only be used for control of herbicide resistant strains of annual grasses as part of an appropriate management strategy, including cultural control methods and sequences with herbicides of alternative modes of action. Key aspects of the Avadex Factor resistance management strategy are:

- Always follow WRAG guidelines for preventing and managing herbicide resistant grass weeds.
- Maximise the use of cultural control measures wherever possible (e.g. crop rotation, ploughing, stank mixes, delayed drilling).
- Use a programme of tank mixes or sequences of herbicides with different modes of action within individual crops, or successive crops.
- Where products are approved for both pre- and post-emergence applications, apply pre-emergence where possible when resistance is suspected
- Apply post-emergence products in mixtures to small, actively growing weeds, especially where high levels of resistance are suspected and to reduce the risk of resistance development.
- Monitor weed control effectiveness and investigate any odd patches of poor grass weed control. If not explained, contact your agronomist who may consider a resistance test appropriate

### Conditions of Sale:

- The following shall form part of any contract of sale of this product whether sold by the manufacturer or a subsequent owner ("The Seller"). The Seller warrants that the product complies with the product specification prevailing at the date of sale which is obtainable from the Seller on request provided that (except to the extent that any claim in respect of personal injury or death) the said Seller's liability for breach of this warranty is limited to the price of the products involved in the breach.
2. Except as aforesaid all conditions and warranties statutory or otherwise and express or implied as to the quality of this product or its fitness for any purpose are expressly excluded.
  3. Except as aforesaid neither Gowan Crop Protection Limited (GCP) nor (where different) the Seller shall be under any liability other than for personal injury or death whether in contract or in tort for any loss or damage arising out of or resulting from the use of the product.
  4. GCP shall in no event be liable for any loss or damage caused by the failure of any person to use the product in accordance with the instructions for use given by GCP.

### MEDICAL ADVICE

#### Health Effects

Accidental over exposure may result in the following symptoms:

Skin & eyes: Slight irritation.

Inhalation: Solvent. Excessive exposure to HAN can result in headache, dizziness, incoordination, nausea, loss of appetite and unconsciousness.

If you should feel unwell seek medical advice - show the label where possible.

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### First Aid

When giving first aid always use personal protective equipment if you are likely to be contaminated by contact with the person to whom you are giving aid - see label.

Remove patient to fresh air.

**Skin:** Take off immediately all contaminated clothing. Wash immediately with plenty of soap and water. If there is persistent irritation, get medical attention.

**Eyes:** Flush immediately with plenty of clean water for at least 15 minutes. If there is persistent irritation, get medical attention. Inhalation: Seek medical treatment if symptoms occur apparently due to inhalation. If breathing is difficult, give oxygen. Give artificial ventilation if breathing stops.

### SAFETY PRECAUTIONS

#### Operator protection

Engineering control of operator exposure must be used where reasonably practicable, in addition to the following personal protective equipment: Operators must WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

AVOID CONTACT WITH SKIN.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice immediately (show label where possible).

#### Environmental protection

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface waters.

Avoid spray drift onto adjacent crops, especially crops of oats and grasses, either emergent or yet to emerge, as these are particularly sensitive.

#### Storage and disposal

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

Lot Number/Production Date:

Product use by date: