

GROUP 3 | 7 FUNGICIDE

AFFILEX[®]

FUNGICIDE

F

For the control of certain diseases in approved cereal crops.
See detailed label text for specific crop approval information.

**WINTER & SPRING WHEAT, DURUM WHEAT
WINTER & SPRING BARLEY
RYE & TRITICALE CROPS**

MAPP 21458

62.5 g/L fluxapyroxad,
45.0 g/L metconazole
Emulsifiable concentrate (EC)

NET CONTENT:

5L

171110623801 V1



FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

lifescientific 
FIRST TO MARKET

AFFILEX® – MAPP 21458

AFFILEX® is a systemic fungicide for use in winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye and triticale crops. Contains FLUXAPYROXAD 62.5 g/L (6.1% w/w) + METCONAZOLE 45.0 g/L (4.4% w/w) formulated as an emulsifiable concentrate formulation (EC).

WARNING



May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
Suspected of damaging the unborn child.
May cause harm to breast-fed children.
Very toxic to aquatic life with long lasting effects.
 Keep out of the reach of children.
 Wash hands thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 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.
 Store locked up.
 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.
 Contains propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-. May cause an allergic reaction.
To avoid risks to human health and the environment comply with the instructions for use.

Important Information - FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose (L product per hectare)	Maximum number of treatments	Latest time of application
Wheat (winter and spring, durum)	2.0 L/ha	2	Crop BBCH 69 (up to and including flowering (anthesis) complete)
Triticale, rye	2.0 L/ha	2	Crop BBCH 69 (up to and including flowering (anthesis) complete)
Barley (winter and spring)	2.0 L/ha	2	Crop BBCH 69 (up to and including flowering (anthesis) complete)

IMPORTANT: Note that goods treated under the terms of Great Britain (GB) authorisation can be legally marketed in Northern Ireland if they are being moved under the Northern Ireland Retail Movement Scheme. All other treated goods can only be marketed in Northern Ireland if they are in accordance with the statutory EU Maximum Residue Level (MRL) set under Regulation (EC) No 396/2005. This may also apply to residues in animal products where treated crops are fed to livestock. Growers are advised to draw this to the attention of distributors and retailers so that EU MRL breaches and any associated enforcement against goods marketed in Northern Ireland are avoided.

Other specific restrictions: To protect birds, only one application is allowed on cereals before crop BBCH 29 (end of tillering). A minimum interval of 21 days must be observed between applications. Non-returnable containers must not be reused for any purpose.

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.

APPROVAL HOLDER AND MARKETING COMPANY: Life Scientific Ltd, Block 4, Belfield Office Park, Beech Hill Road, Dublin 4, Ireland.

Tel: +353 1 2832024

The Control of Substances Hazardous to Health regulations (COSHH) may apply to the use of this product at work.

FOR 24 HOUR EMERGENCY INFORMATION CONTACT NHS 111

This product must be sold and used only in England, Scotland and Wales.

PROTECT FROM FROST

SHAKE WELL BEFORE USE

Production date / Batch number: see packaging



SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT DRINK OR SMOKE.

If you feel unwell, seek medical advice immediately (show label where possible).

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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).

To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.



DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre from the top of a ditch which is dry at the time of application.

Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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 container safely.

This material (and its container) must be disposed of in a safe way.

DO NOT REUSE CONTAINER for any other purpose.

Store in a safe, dry, frost-free place designated as an agrochemical store.

Protect from frost.

DIRECTIONS FOR USE

IMPORTANT: This information is approved 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.

AFFILEX® is a systemic fungicide with protectant and curative properties and is for use against a range of diseases in winter and spring wheat, durum wheat, winter and spring barley, triticale and rye.

Time of Application

Apply AFFILEX® at the start of disease attack following a disease risk assessment or the use of appropriate decision support systems. A maximum of two applications can be made up to and including flowering just complete.

Diseases Controlled

The following diseases are susceptible to AFFILEX®. The susceptibility ratings in the following table refer to good spray cover and good growing conditions, with suitable application timings.

Disease controlled	Common name	Crops	Control level achieved
<i>Puccinia recondita</i>	Brown rust	Winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale	Control
<i>Oculimacula yallundae</i> , <i>O. acuformis</i>	Eyespot	Winter wheat, durum wheat, rye, triticale	Good Reduction
<i>Fusarium</i> spp.	Ear blight Fusarium	Winter wheat, spring wheat, durum wheat	Good Reduction
<i>Pyrenophora teres</i>	Net blotch	Winter barley, spring barley	Control
<i>Blumeria graminis</i>	Powdery mildew	Winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale	Moderate control
<i>Ramularia collo-cygni</i>	Ramularia Leaf spot	Winter barley, spring barley	Control
<i>Rhynchosporium secalis</i>	Rhynchosporium Leaf Scald	Winter barley, spring barley, rye	Control
<i>Septoria tritici</i> , <i>Mycosphaerella graminicola</i>	Septoria leaf blotch	Winter wheat, spring wheat, durum wheat, triticale	Control
<i>Cladosporium</i> spp.	Sooty moulds	Winter wheat, spring wheat, durum wheat	Moderate control
<i>Pyrenophora tritici-repentis</i>	Tan spot	Winter wheat, spring wheat, durum wheat	Good Reduction
<i>Puccinia striiformis</i>	Yellow rust	Winter wheat, spring wheat, durum wheat, winter barley, spring barley, rye, triticale	Control

Control of some diseases may be enhanced by the use of suitable spray programmes and mixtures.

In addition, when applied for disease control this product may increase green leaf area retention of wheat, barley, rye and triticale.

Resistance strategy

AFFILEX® contains fluxapyroxad (an SDHI fungicide) (FRAC group 7) and metconazole (a DMI fungicide) (FRAC group 3).

AFFILEX® should be used in accordance with the instructions for use for the target disease at the specific growth stages indicated. Use AFFILEX® as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control.

You must not apply more than two foliar applications of products containing complex II inhibitors to any cereal crop.

Strains of certain cereal diseases with decreased sensitivity to triazole fungicides are known to exist in the UK. Where these occur or develop AFFILEX® may not give satisfactory control.

AFFILEX® contains metconazole, a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (Mycosphaerella graminicola) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor and visit the FRAG-UK website.

Follow the FRAC SDHI fungicide resistance management guidelines:

- Apply SDHI fungicides always in mixtures; AFFILEX® is such a mixture.
- Apply a maximum of 2 SDHI fungicide containing sprays per cereal crop.
- Apply the SDHI fungicide preventatively or as early as possible in the disease cycle. Do not rely only on the curative potential of SDHI fungicides.
- Strongly reduced rate programmes including multiple applications must not be used. Refer to manufacturers' recommendations for rates.

Restrictions:

When applied to barley intended for malting, refer to the latest timing restrictions for fluxapyroxad given by the British Beer and Pub Association.

Ensure the sprayer is free from residues from previous applications.

For professional use only.

Avoid spray drift on to neighbouring crops and field margins.

After spraying, wash out sprayer thoroughly according to manufacturer's guidelines and dispose of washings and clean container according to DEFRA Code of Practice and local authority guidelines.

FOLLOWING CROP

After application of AFFILEX® the crops listed below may be planted at their normal planting dates.

FOLLOWING CROP
Dwarf Frech beans, field beans
Cabbage
Carrots
Cereals (all types of wheat, barley, oats)
Clover
Lettuce
Maize
Oilseed rape
Onions
Peas
Potatoes
Rye-grass
Sugar beet
Sunflower

PREPARATION OF THE SPRAY SOLUTION AND APPLICATION

Shake the container before use.

Half-fill the spray tank with clean water, add the necessary amount of AFFILEX® and agitate whilst filling the tank.

Rinse empty 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 container safely.

When tank-mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions give as to the order of mixing.

All tank-mixes should be used immediately after mixing. Do not leave spray solution in the tank overnight.

Good spray coverage is necessary for effective control.

Apply as MEDIUM spray quality as defined by BCPC, through properly calibrated equipment.

Water volume

Apply AFFILEX® in 100-300 L/ha of water. Applications may be made at 100 L/ha, although the efficacy against stem-base diseases at this rate is likely to be reduced.

COMPATIBILITY

AFFILEX® is a fully optimised formulation; no additional surfactant is required.

Please contact your distributor for further information regarding tank-mix partners.

SPRAY TANK CLEANING

Wash all equipment immediately after use, using clean water and a suitable cleaning agent, according to the manufacturer's instructions.

COMPANY ADVISORY INFORMATION

This section is not part of the (EC) 1107/2009 Regulation. It provides additional advice on product use at the discretion of the applicant.

Conditions of Supply

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.