



# CONNEX<sup>®</sup>

HERBICIDE

MAPP 20670

GROUP 2 HERBICIDE

A water dispersible granule formulation containing **68 g/kg metsulfuron-methyl** and **682 g/kg thifensulfuron-methyl**, two sulfonyleureas, for spring weed control on all varieties of winter wheat, winter barley, winter rye, winter triticale, spring wheat, spring barley and spring oats

## WARNING



**H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

P273: Avoid release into the environment.

P391: Collect spillage.

P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

**EUH 401: To avoid risks to man and the environment, comply with the instructions for use.**

ALBAUGH\_CONNEX\_350g\_LB\_1-012A

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

### Authorisation Holder and Marketing Company:

Albaugh UK Ltd.  
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### Emergency Information:

CARECHEM: +44 1235 239 670 (24 hour)

Batch number and date of manufacture: see packaging



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## IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop	Maximum Individual Dose	Maximum Total Dose	Maximum Number of Treatments	Latest Time of Application	Aquatic Buffer Zone Distance
Wheat (winter), Rye (winter), Triticale (winter)	70 grams product / ha	-	1	Before flag leaf sheath extending stage (GS 39)	6 metres
Barley (winter), Barley (spring), Wheat (spring), Oats (spring)	60 grams product / ha	-	1	Before flag leaf sheath extending stage (GS 39)	6 metres

### Other Specific Restrictions

This product must only be applied from 1 February in the year of harvest until the specified latest time of application.

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.**

### SAFETY PRECAUTIONS

#### Operator protection

Wash hands and exposed skin before eating and drinking, smoking and after work.

Do not breathe spray.

#### Environmental protection

Extreme care must be taken to avoid spray drift onto non-target plants.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies as specified for the crop.

HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY. Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30 m from the top of the bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

NOTE: BUFFER ZONES OF MORE THAN 5 M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENT RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME.

The statutory buffer zone must be maintained and the distance recorded in Section A of the LERAP record form. The LERAP record form must be kept available for three years.

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.

#### 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.

## 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.

## RESTRICTIONS

Do not apply CONNEX more than once to any cereal. CONNEX, alone or in tank-mix, must not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.

Do not use CONNEX on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop. CONNEX should not be applied within 7 days of rolling any crop.

Extreme care should be taken to avoid spray drift onto non-target plants.

Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important.

Consult your contract agents before using on crops grown for seed.

## Weed Control

CONNEX is a highly active herbicide against a wide range of broad-leaved weeds. It is most effective when applied to small actively growing weeds. As larger weeds often become less susceptible, it is important to note the size of each weed species at the time of application.

Good spray cover of the weeds must be obtained.

Weed control may be reduced when soil conditions are very dry.

## Susceptible Weeds

Weed Species	Plants up to 2 expanded true leaves*	Plants up to 6 expanded true leaves*	Plants up to 15 cm across/high*
Black-bindweed	S	S	MS
Charlock	S	S	S
Chickweed, Common	S	S	S
Cleavers**	MS	MS	MS
Dead-nettle, Red	S	S	S
Fat-hen	S	S	MS
Field-speedwell, Common	S	S	MS
Forget-me-not, Field	S	MS	MS
Hemp-nettle, Common	S	S	S

Weed Species	Plants up to 2 expanded true leaves*	Plants up to 6 expanded true leaves*	Plants up to 15 cm across/high*
Knotgrass	S	S	MS
Mayweeds	S	S	S
Pansy, Field	S	MS	MS
Parsley-piert	S	S	S
Poppy, Common	S	S	MS
Redshank	S	S	S
Shepherd's-purse	S	S	S
Volunteer Rape	S	S	--

\*S = Susceptible, MS = Moderately Susceptible, R = Resistant  
\*\* Cleavers are moderately susceptible to CONNEX, but regrowth can occur.

Should overspraying be necessary, do not use another sulfonylurea product for this purpose.

## Weed Resistance

This product contains thifensulfuron-methyl and metsulfuron-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group 2'

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to an herbicide if it survives a correctly applied treatment at the recommended dose.

Development of resistance within a weed species can be avoided or delayed by sequencing or tank-mixing with suitable products having a different mode of action.

A strategy for preventing and managing resistance should be adopted.

The Weed Resistance Action Groups have produced guidelines and copies are available from the AHDB, CPA, your distributor, crop adviser or product manufacturer.

## Soil

CONNEX can be used on all soil types. Weed control may be reduced in dry conditions.

## Volume and application

Apply in 100 - 200 litres of water per hectare. Use a conventional field crop sprayer at a pressure of 2-3 bars and apply as a MEDIUM spray (as defined by BCPC). When crops are thick or weed growth dense, use 400 litres of water per hectare.

When applying CONNEX, care should be taken not to overlap spray swaths.

## Mixing

- Before using CONNEX, make sure that the spraying equipment is clean.
- When using CONNEX in a tank-mix, always add CONNEX to the spray tank first.

CONNEX mixes easily with water, but the following mixing procedure should be followed: quarter fill the spray tank with water, start the agitation and add the required quantity of CONNEX directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

Effectiveness using three star drift reduction technology may be reduced.

## Compatibility

In any tank-mix add CONNEX to the tank first and ensure it is fully dispersed before adding the partner product. Products should only be tank-mixed if each product can be applied within the label recommendations for its use. For further information contact your Albaugh distributor or view [www.albaugh.eu](http://www.albaugh.eu).

'Joint application' with any one of the following other sulfonylurea and 'ALS inhibiting' herbicides may be applied to a crop treated with CONNEX. 'Joint application' is the use of CONNEX in tank mixture or sequence with one of the products listed in the table below. Do not apply CONNEX to any cereal crop in sequence or tank-mixture with any product containing any other sulfonylurea herbicide product. Note the specifications for following crops:

	Cereals	Oilseed Rape	Field Bean
Hatra	Yes	Yes	Yes
Horus	Yes	Yes	Yes
Niantic	Yes	Yes	Yes
Cintac	Yes	Yes	Yes
Othello	Yes	Yes	Yes
Broadway Star <sup>1</sup>	Yes	Yes	Yes
Dakota	Yes	Yes	Yes
Galaxy	Yes	Yes	Yes
GF-184	Yes	Yes	Yes
Hunter	Yes	Yes	Yes
Lector	Yes	Yes	Yes
Slalom	Yes	Yes	Yes
Spitfire	Yes	Yes	Yes
Starane XL	Yes	Yes	Yes
Eagle	Yes	No	No

<sup>1</sup> Use in sequence only

Requirements and restrictions on the compatible product labels must be observed when using in sequence or in tank mixture.

Vigour reductions may be seen in following crops of oilseed rape and field beans under certain circumstances e.g. dry summer. Any effects should be outgrown and should not result in yield loss.

When using tank-mixtures take care not to overlap spray swaths.

*Cultivation (following crop):*

No special requirements for cultivation are needed where cereals are to be sown as the following crop.

Before sowing either oilseed rape or field beans, soil should be cultivated to a depth of 20 cm.

Sugar beet may be grown in the spring, following harvest of a preceding cereal crop which has received one of the above sequences.

## CROPS

### CEREALS

#### Crop Safety

CONNEX can be used on all varieties of winter wheat (except Durum wheat), winter barley, winter rye, winter triticale, spring wheat, spring barley and spring oats between the growth stages given below.

#### Timing

CONNEX must only be applied from 1 February, provided the crop has at least two leaves (winter wheat, winter triticale, winter rye), three leaves (spring wheat, spring barley, spring oats) or first tiller detectable stage (winter barley) until before the flag leaf sheath extending stage (GS 39).

#### Dose

Apply CONNEX at 70 g/ha on winter wheat, winter rye and winter triticale and 60 g/ha on winter barley, spring barley, spring wheat and spring oats when used alone or in tank-mix with other herbicides.

#### Replacement crops

In case of crop failure within 3 months from the application of CONNEX, sow only wheat. Before sowing, soil should be ploughed and cultivated to a depth of at least 15cm.

#### Following Crops

Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year to succeed a cereal crop treated with CONNEX. Where joint application with other sulfonylurea and 'ALS-inhibiting' herbicides is required, recommendations in the compatibility section must be followed.

## WARNINGS

**EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT ONTO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO SURFACE WATERS OR DITCHES OR LAND INTENDED FOR CROPPING.**

SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

### SPRAY TANK CLEAN-OUT

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING CONNEX THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING A PROPRIETARY SPRAYER CLEANER FOR USE WITH SULFONYLUREAS ACCORDING TO THE FOLLOWING PROCEDURE:

1. Immediately after spraying, drain tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Rinse the inside of the tank with clean water and flush at least one tenth of the spray tank volume through the boom and hoses. Drain tank completely.
3. Half-fill the tank with clean water and add the correct quantity of a proprietary sprayer cleaner for use with sulfonylureas. Agitate and then flush the boom and hoses with the solution. Top up completely with water and allow to stand for 15 minutes with agitation. Again flush the booms and hoses and drain tank completely (if it is not possible to drain the tank completely, repeat step 3 before going on).
4. Remove nozzles and filters and soak in a bucket containing a proprietary sprayer cleaner for use with sulfonylureas at the same concentration as that used for the sprayer.
5. Rinse tank again with clean water and flush at least one tenth of the tank volume through the booms and hoses. Drain tank completely.

### GENERAL NOTES

Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

For disposal of washings, follow the Code of Practice for the Safe use of Pesticides on Farms and Holdings. Do not spray onto sensitive crops or land intended for cropping with a sensitive crop.

### COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under Plant Protection Products Regulations. It provides additional advice on product use at the discretion of Albaugh UK Ltd.

## TERMS AND CONDITIONS OF SUPPLY, SALE AND USE

Many factors can affect or influence the activity of this product, including, but not limited to: weather and soil conditions, crop variety, treatment timing, water volume, application rates, spraying techniques, crop rotation, regional factors and the occurrence and development of weeds resistant to the active ingredients. Under certain circumstances, changes in activity or crop damage can occur. The manufacturer or supplier is unable to accept any liability in these circumstances. All goods supplied by us are of a high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or 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 for any damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.