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Luxinum® Plus H

MAPP 21685

An emulsifiable concentrate containing 714 g/l cinmethylin.

A residual and contact herbicide for the control of blackgrass, ryegrass, annual meadow grass, poppy in winter wheat and spring barley.

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

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 (FACESHIELD) when handling the concentrate.
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.
WASH HANDS before eating and after work.
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP OUT OF REACH OF CHILDREN.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
On emptying the container, 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 label is compliant with the CPA Voluntary Initiative Guidance

Supplied by:
BASF Agricultural Solutions UK Limited,
4th and 5th Floors, 2 Stockport Exchange,
Railway Road, Stockport, SK1 3GG, UK
Telephone: 0161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112
Technical Enquiries: 0845 602 2553 (office hours)

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The Voluntary Initiative

8/6/2026

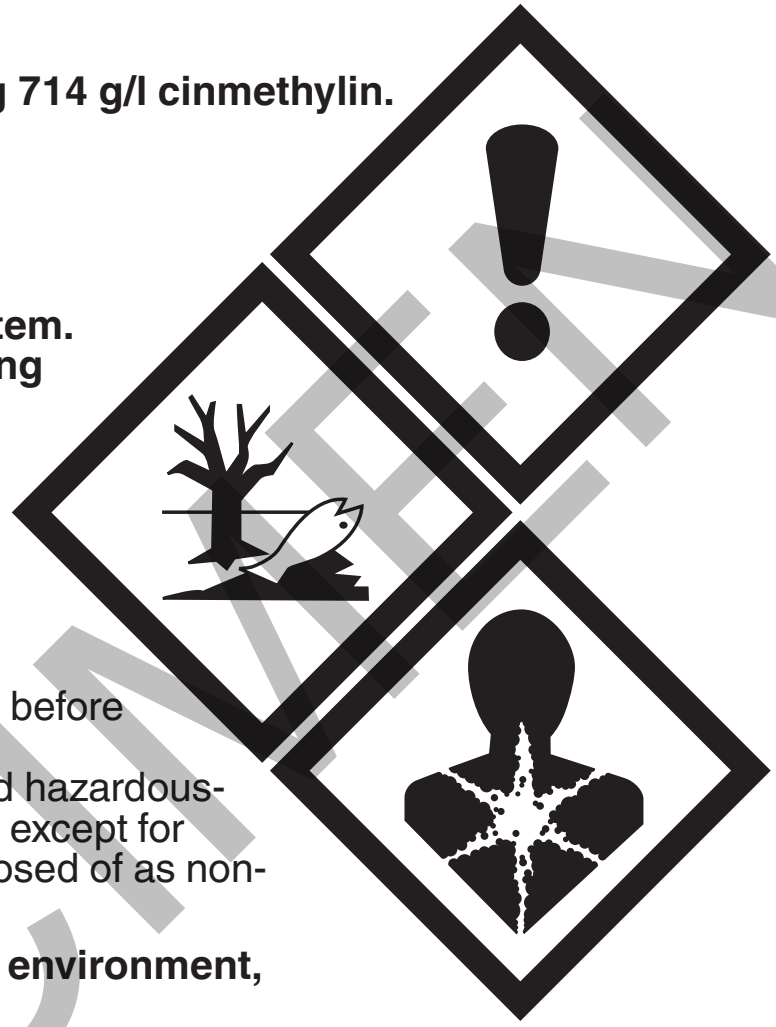
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Luxinum® Plus

An emulsifiable concentrate containing 714 g/l cinmethylin.

Warning

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause damage to the nervous system.
Very toxic to aquatic life with long lasting effects.



Wear protective gloves.
Avoid breathing vapours or spray.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
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.

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

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE			
Crops	**Maximum individual dose**	**Maximum total dose**	**Latest time of application**
Winter wheat Spring barley	0.7 litres product/ha	0.7 litres product/ha	Before ear at 1cm (pseudostem erect) (GS30)

Other specific restriction: Do not apply by hand-held equipment.

IMPORTANT: Note that goods treated under the terms of this Great Britain authorisation can only be legally 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.

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.

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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/Warnings

Efficacy

Some soil moisture is required for residual activity. Control may be reduced under prolonged dry conditions or on soils with a high organic matter content.

Loose or cloddy seedbeds must be consolidated before application otherwise reduced weed control or crop damage may result due to inadequate seed cover. Crop damage may lead to effects on yield

Do not disturb the soil after application.

Soil types

Luxinum Plus is suitable for use on all soil types as defined by Soil Texture (85) System, except sands, very light soils and very stony or gravelly soils as there is an increased risk of crop damage.

Do not use on water-logged soil or soils prone to water logging.

Seedbed preparation

For pre-emergence treatments, seed should be sown into a fine, firm seedbed so that seed is adequately covered with a minimum of 3.0 cm of settled soil. With direct drilled crops, harrow across slits to cover the seed before spraying.

Crop safety

Do not apply Luxinum Plus when heavy rain is forecast and do not use on waterlogged soil or soils prone to waterlogging. Crop thinning or reductions in crop vigour, which may result in yield reductions, can occur if there is very wet weather after application. If a crop check has occurred, this normally grows out after a few weeks and yields are normally unaffected.

Do not apply Luxinum Plus either alone or in tank mixture to crops suffering from stress, which may be caused, for example, by pests, disease, poor seedbed conditions, wind abrasion, nutrient deficiencies, or previous chemical treatment.

Shallow drilled crops should only be treated post-emergence.

Care should be taken to avoid spray overlap, as crop damage may occur which may not be outgrown and may lead to reduced yield.

Do not spray during periods of prolonged or severe frosts.

Do not incorporate Luxinum Plus into the soil.

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Safety to non-target plants

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

To protect non-target plants respect an untreated buffer zone of 5 metres to non-crop land when Luxinum Plus is applied at 0.7 l product /ha. This buffer is not required when Luxinum Plus is applied at 0.35 l product /ha'.

Weed control

Susceptibility of weeds to single applications of Luxinum Plus.

Best results will be achieved by application pre-em of the weed or early post-emergence on to small actively growing weeds.

Weed	Luxinum Plus			
	0.35 l/ha		0.7 l/ha	
	pre	post	pre	post
Blackgrass	-	-	MS	-
Italian ryegrass	-	-	S	MS to 1 leaf
Perennial ryegrass*	-	-	S	-
Annual meadowgrass	S	S to 3 lvs	-	-
Loose silky bent	S	S to 2 lvs	-	-
Common poppy	S	S to 2 lvs	-	-

* from seed

S = Susceptible
MS = Moderately Susceptible

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Resistance Management

GROUP	30	HERBICIDE

Strains of some annual grasses (e.g. Black-grass, Wild-Oats, and Italian Ryegrass) have developed resistance to herbicides, which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Luxinum Plus contains cinmethylin which belongs to the HRAC Group 30 class of herbicides (Inhibition of Fatty Acid Thioesterase).

Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimise the risk, 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 AHDB, CPA, your distributor, crop adviser or product manufacturer.

Key elements of the weed resistance management strategy for Luxinum Plus include:-

- Always follow WRAG guidelines for preventing and managing herbicide resistant weeds.
- Maximise the use of cultural control measures wherever possible (e.g. crop rotation, ploughing, stale seedbeds, etc).
- Adopt as diverse a rotation as possible using autumn and spring sown crops.
- For the control of herbicide resistant grassweeds, always use Luxinum Plus in tank mix or sequence with other effective graminicides with different modes of action.
- Do not rely on one herbicide mode of action for the control of grass or broad-leaved weeds in the same field over several years.
- Use tank mixes or sequences of effective herbicides with different modes of action within individual crops, or successive crops.
- Apply post-emergence products/mixtures to small, actively growing weeds to maximise the level of control.
- Monitor fields regularly and investigate the reasons for any poor control.

Crop Specific Information

Crops
Luxinum Plus can be used on all varieties of winter wheat.and spring barley.

Time of application
Luxinum Plus should be applied from pre-emergence up to GS 30 of the crop.

Rate of application
Apply Luxinum Plus at 0.7 litre per hectare.

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Following Crops

Following crops after normal harvest

There are no restrictions on following crops after the normal harvest of crops treated with Luxinum Plus alone.

In the event of crop failure

In the event of crop failure for any reason, plough to at least 15cm. The following crops may then be sown: Spring barley, Spring wheat, Spring field beans. Allow a minimum of six weeks between using LUXINUM PLUS and sowing.

Mixing and Application

Mixing

Never prepare more spray solution than is required.

Fill the spray tank three quarters full with water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Luxinum Plus to the spray tank while re-circulating. Continue agitation until spraying is completed.

On emptying the product container, 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.

Application

Apply Luxinum Plus in 100-300 litres of water per hectare.

Apply with a MEDIUM spray as defined by BCPC.

To ensure optimum spray coverage and minimize spray drift, adjust the spray boom to the appropriate height above the crop, according to guidance provided by the sprayer and/or nozzle manufacturer.

Sprayer cleaning

After spraying, thoroughly clean and flush out application machinery with a minimum of two rinses, to ensure that all traces of product are removed

Compatibility

For details of compatibilities contact your distributor, local BASF representative or the BASF Technical Services Hotline: 0845 602 2553 or visit our website www.agricentre.basf.co.uk

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The following does not form part of the authorised label text.

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.
Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

Section 6 of the Health and Safety at Work Act

Additional Product Safety Information

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has “off-label” approval or is otherwise permitted under the Plant Protection Product Regulations (EC) No 1107/2009.

The information on this label is based on the best available information including data from test results.

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Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:

agricentre.basf.co.uk/Luxinum-Plus/MSDS

Alternatively, contact your supplier.

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