

Upright®



MAPP 16884

A soluble concentrate containing 368 g/litre (34.1% w/w) chlormequat chloride and 0.8 g/litre (0.074 % w/w) imazaquin.

A plant growth regulator for use in winter wheat.

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.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application. However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

AVOID ALL CONTACT BY MOUTH.

DO NOT BREATHE SPRAY.

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 (show 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

DO NOT RE-USE CONTAINER for any purpose.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

PROTECT FROM FROST.

DO NOT STORE IN DIRECT SUNLIGHT.

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This label is compliant with the CPAdrag Voluntary Initiative Guidance

Supplied by:

BASF plc

Crop Protection

PO Box 4, Earl Road

Cheadle Hulme, CHEADLE

Cheshire SK8 6QG

Tel: 0161 485 6222

Emergency Information:

(24 hours freephone):

0049 180 2273112

Technical Enquiries:

0845 602 2553 (office hours)

 **BASF**

We create chemistry

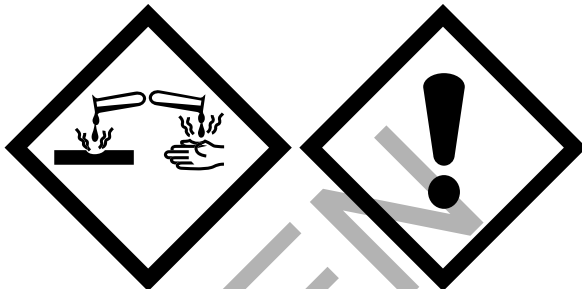


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Upright®

A soluble concentrate containing
368 g/litre chlormequat chloride and
0.8 g/litre imazaquin.



Danger:

May be corrosive to metals.
Harmful if swallowed.
Causes serious eye damage.
Harmful if inhaled.
Harmful to aquatic life with long lasting effects.

Avoid breathing vapours.

Wear eye/face protection.

IF IN EYES: rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Absorb spillage to prevent material damage.

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.

This product is approved under the Plant Protection Products Regulation (EC) No. 1107/2009.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR, as directed below:

Crop	Maximum individual dose (litres product/hectare)	Maximum total dose (litres product/hectare/crop)	Latest time of application
Winter wheat	2.5	2.5	Up to and including second node detectable stage

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.

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.

1. Restrictions/Warnings

DO NOT apply Upright when the crop is wet or if rain is imminent

Do not apply Upright to any crop suffering physical stress caused by waterlogging, drought or other conditions. Crops with a substantial moisture deficit should not be treated.

Avoid spray drift on to neighbouring crops

Do not use straw from Upright treated cereals as a horticultural growth medium or as a mulch.

DO NOT apply Upright to undersown crops.

Caution is needed with mixtures of liquid nitrogen fertilisers and Upright as scorching may occur in certain circumstances.

2. General information

Upright contains two active ingredients, imazaquin and chlormequat chloride.

These active ingredients from different chemical groups have two modes of action, both of which can regulate the growth of wheat and provide protection against lodging.

Applied together as Upright, imazaquin and chlormequat chloride can enhance yield by affecting the growth of the aerial structure (stem, leaves and ears) of the wheat plant.

Upright is for use on high yield wheat growing systems. It should be applied to crops during good growing conditions and to those which are at risk from lodging.

3. Crops

3.1 Crops

For use in all varieties of Winter Wheat (Except Durum Wheat)

3.2 Time and rate of application

RATE

TIMING

2.5 l/ha

SINGLE APPLICATION

May be applied from tillers formed up to and including second node detectable

The optimum application time is the leaf sheaths erect just prior to the first node detectable.

1.75 l/ha

SPLIT APPLICATION

First dose from tillers formed to leaf sheath lengthening

0.75 l/ha

Second dose from leaf sheath erect up to and including second node detectable

When using a split application a minimum spray interval of 7 days is recommended.

3.3 Water Volume

Apply Upright in a minimum of 200 litres of water per hectare

Qualified Approval

Upright may be applied at up to 2.5 l/ha in 100 litres of water per hectare although efficacy at this reduced volume has not been evaluated. Application of this product at reduced-volume is at user's risk with regard to biological efficacy.

4. Following crops

Any crop can follow a normally harvested crop and ploughing is not essential before sowing the next crop.

5. Mixing and Spraying

5.1 Mixing

Never prepare more spray solution than is required.

Three quarters fill the tank with clean water and start the agitation. To ensure thorough mixing of the product, invert the container several times before opening. Add the required quantity of Upright to the spray tank while re-circulating. Add the remainder of the water and continue agitation until spraying is complete.

When tank mixes are to be used, take due note of any instructions given as to the order of mixing. Each product should be added separately to the spray tank and fully dispersed before the addition of any further product(s).

All tank mixes should be used immediately after mixing.

Rinse empty containers thoroughly, using an integrated pressure rinsing device or by manually rinsing three times. Add washings to tank at time of filling and dispose of container safely.

Wash equipment thoroughly after use

5.2 Spraying

Apply as a MEDIUM spray, as defined by BCPC.

6. Compatibility

For details of compatibilities contact your distributor, local BASF representative or the BASF Technical Services Hotline: 0845 602 2553.

The following does not form part of the product label under the Plant Protection Product Regulations (EC) No. 1107/2009.

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 Control of Pesticides Regulations.

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

Safety Data Sheet

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



http://www.agricentre.basf.co.uk/go/Upright_sds

Alternatively, contact your supplier.