

3C Chlormequat 750

MAPP 16690

A soluble concentrate containing 750 g/l (65.2% w/w) chlormequat chloride.
A plant growth regulator for use in winter and spring wheat, winter and spring barley, oats, rye and triticale.



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 clothing.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

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

WASH CONCENTRATE from skin or eyes immediately.

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

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.

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.

DO NOT RE-USE CONTAINER for any purpose.

Keep dry and frostproof in a suitable pesticide store.

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This label is compliant with the CPA
Voluntary Initiative Guidance



The
Voluntary
Initiative

Supplied by:
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3C Chlormequat 750

A soluble concentrate containing 750 g/l (65.2% w/w) chlormequat chloride.

Danger:

Harmful in contact with skin.

Toxic if swallowed.

May be corrosive to metals.

Harmful to aquatic life with long lasting effects.

Wear protective gloves/clothing.

IF SWALLOWED: Immediately call a

POISON CENTER or doctor/physician.

IF ON SKIN: wash with plenty of soap and water.

Take off immediately all contaminated clothing.

Wash contaminated clothing before reuse.

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) 1107/2009.

IMPORTANT INFORMATION

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

Crops	Maximum Individual Dose Per Hectare	Maximum Total Dose per Crop	Latest Time of Application
Winter wheat	2.0 litres product per hectare*	2.0 litres product per hectare	Upto and including second node detectable stage
Spring wheat	1.25 litres product per hectare	1.25 litres product per hectare	Upto and including second node detectable stage
Winter barley	2.0 litres product per hectare	2.0 litres product per hectare	Upto and including second node detectable stage
Spring barley	1.5 litres product per hectare*	1.5 litres product per hectare	Upto and including second node detectable stage
Oats, Rye and Triticale	2.0 litres product per hectare	2.0 litres product per hectare	Upto and including second node detectable stage

Other specific restriction:

* A maximum dose of 1.33L per hectare must not be exceeded when applied to winter wheat and spring barley before stem elongation (GS 30).

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

3C Chlormequat 750 should be applied to crops during good growing conditions at the correct timing.

Only use on crops at risk of lodging.

DO NOT apply 3C Chlormequat 750 to any crop suffering physical stress caused by waterlogging, drought or other conditions. Crops with a substantial moisture deficit should NOT be treated.

Care should be taken to avoid overlap of spray swaths.

DO NOT apply 3C Chlormequat 750 when the crop is wet or if rain or frost is imminent.

DO NOT apply 3C Chlormequat 750 to very late sown spring crops.

DO NOT apply 3C Chlormequat 750 to crops on soils of low fertility unless these soils regularly receive adequate dressings of nitrogen fertilizers.

3C Chlormequat 750 may be applied to wheat, oats and winter barley under-sown with grasses and clovers.

Caution is needed if using mixtures of liquid nitrogen fertilisers and 3C Chlormequat 750 as scorching may result in certain circumstances.

Do not use straw from 3C Chlormequat 750 treated cereals as a horticultural growth medium or as a mulch.

2. Height reduction and lodging control

3C Chlormequat 750 produces shorter, thicker and stronger stems which can reduce lodging in winter and spring wheat, winter and spring barley, oats, rye and triticale. Yield preservation of lodged crops can occur as a consequence.

3. Crop specific information

3.1 Crops

3C Chlormequat 750 can be used on all varieties of the following cereal crops at the rates and timings and water volumes detailed below:

Crops	Dose rate l/ha	Application timing (BBCH)		Water volume l/ha
		Earliest	Latest	
Winter wheat and autumn-drilled spring wheat	2.0*	Beginning of tillering (GS 21)	Up to and including second node detectable stage (GS 32)	150-300
Spring wheat	1.25	End of tillering (GS 29)	Up to and including second node detectable stage (GS 32)	200-300
Winter barley	2.0	Pseudo stem erect (GS 30)	Up to and including second node detectable stage (GS 32)	150-200
Spring barley	1.5*	Three tillers detectable (GS 23)	Up to and including second node detectable stage (GS 32)	200-400
Winter and spring oats	2.0	Pseudo stem erect (GS 30)	Up to and including second node detectable stage (GS 32)	200-400
Rye	2.0	Pseudo stem erect (GS 30)	Up to and including second node detectable stage (GS 32)	200-300
Triticale	2.0	Pseudo stem erect (GS 30)	Up to and including second node detectable stage (GS 32)	200-400

* A maximum dose of 1.33L per hectare must not be exceeded when applied to winter wheat and spring barley before stem elongation (GS 30).

For optimum height reduction in winter barley, apply 3C Chlormequat 750 at GS 30. In winter barley the use of Terpal sequentially is recommended for reliable lodging control.

In winter wheat and autumn-drilled spring wheat, rye and triticale the use of Terpal sequentially is recommended for improved lodging control where the crop is growing vigorously.

Qualified recommendation

3C Chlormequat 750 may be applied in 100 litres water per hectare although efficacy at this reduced water volume has not been evaluated. Therefore application at 100 litres per hectare is at user's risk with regard to biological safety.

4. Following crops

4.1 Following crops after normal harvest

Any crop can be planted following normal harvest of an approved cereal crop treated with 3C Chlormequat 750.

4.2 In the event of crop failure

In the event of crop failure, lettuce, clover or sunflower should not be planted or drilled within eight weeks.

5. Mixing and application

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 3C Chlormequat 750 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.

On emptying the container, rinse container thoroughly by 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.

5.2 Application

Apply as a MEDIUM spray, as defined by BCPC.

5.3 Sprayer cleaning

Wash sprayer thoroughly immediately after use, using clean water and following the sprayer cleaning guidance provided by the equipment manufacturer.

6. Compatibility

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

Mixtures Known to be Incompatible:

3C Chlormequat 750 is not compatible with products containing diflufenican.

This list has been prepared in the light of information available at the time of publication. Other mixtures not referred to here may also prove to be incompatible and it is therefore advisable not to use mixtures other than those listed as compatible in this label.

The following does not form part of the product label under the Plant Protection Products Regulation (EC) 1107/2009.

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.

Safety Data Sheet

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



bit.ly/3C_Chlormequat_750_sds

Alternatively, contact your supplier.

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