

CONTRIVE

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A soluble concentrate plant growth regulator formulation (pH buffered) containing 620 g/L (54%/w/w) chlormequat and metabolic adjuvants

For use on spring and winter wheat, spring and winter barley and spring and winter oats for improved yields and lodging control

UFI code : TXKY-D14U-X00H-96QF

Risk and Safety Information
WARNING
 May be corrosive to metals
 Harmful if swallowed
 Harmful to aquatic life with long-lasting effects

Precautionary Statements
 IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell.
 Absorb spillage to prevent material damage.
 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.
 In the event of an emergency, call the National Poisons Information Centre, Beaumont Hospital: 01-809-2566 or 01-837-9964

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

PCS 07038

FOR PROFESSIONAL USE ONLY

SAFETY PRECAUTIONS

OPERATOR PROTECTION

Engineering control of operator exposure must be used where practicable in addition to personal protective equipment;
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or contaminated surfaces.
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying the product.
WASH CONCENTRATE from skin or eyes immediately.
DO NOT BREATHE SPRAY.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
IF YOU FEEL UNWELL, seek medical advice (show label where possible).
WASH HANDS & EXPOSED SKIN before meals 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).
 Extreme care must be taken to avoid spray drift on to non-crop plants outside of the target area.

STORAGE AND DISPOSAL

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place
WASH OUT 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 REUSE CONTAINER for any purpose. **KEEP OUT OF REACH OF CHILDREN.**
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

IMPORTANT INFORMATION: FOR USE AS AN AGRICULTURAL PLANT GROWTH REGULATOR. FOR PROFESSIONAL USE ONLY

Crop	Maximum Single Dose (L/ha)	Maximum Total Dose (L/ha/crop)	Latest time of application
Winter Wheat	1.8	1.8	Before flag leaf fully unrolled (GS39)
Spring Wheat	0.9	0.9	Before flag leaf fully unrolled (GS39)
Winter Barley Oats Rye Triticale	2.3	2.3	Before flag leaf fully unrolled (GS39)
Spring Barley	1.25	1.25	Before four leaves unfolded (GS14)

READ THE LABEL BEFORE USE, USING THE PRODUCT IN A MANNER WHICH IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE PRINCIPLES OF GOOD PLANT PROTECTION PRACTICE WHEN USING PLANT PROTECTION PRODUCTS

Approval Holder:

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PROTECT FROM FROST

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For use on spring and winter wheat, spring and winter barley and spring and winter oats for improved yields and lodging control

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.

The application of **CLAYTON CONTRIVE** can result in yield increase and a reduction in early lodging from a spring application. This control of lodging is more consistent in wheat than in barley.

Method of application: Tractor mounted/trailed horizontal boom sprayer

APPLICATION RATES AND TIMING

Winter wheat

Single application: 1.0 l/ha. Apply at GS30–39 to reduce lodging and plant height and increase stem diameter.

Single application: 1.8 l/ha. Use this rate where there is a high risk of lodging.
Split dose application: 0.8 to 1.0 l/ha followed by 0.8 l/ha. Apply at up to GS39 ensuring that the maximum total dose of 1.8 l/ha is not exceeded.

Winter barley

Single application: 2.3 l/ha. Apply at GS30–39 to reduce lodging and plant height and increase stem diameter.

Split dose application: 1.3 l/ha followed by 1.0 l/ha. Apply 1.3 l/ha at GS30–32 followed by further application of 1.0 l/ha before GS39.

Spring wheat

Apply 0.9 l/ha during tillering but before the first node is detectable on half of the main stems. This will generally mean treating the crop between 15 and 35 days after 50% emergence, especially in late drilled spring crops.

Spring barley

Apply 1.25 l/ha at 2–4 leaves unfolded (GS12–14) for maximum possible yield increase..

Winter and Spring oats

Single application. Apply 2.3 l/ha from just before the beginning of stem elongation (GS 30) until no later than flag leaf sheath extended stage (GS 39)

Split dose application. Apply 1.15 l/ha from just before the beginning of stem elongation (GS 30) followed by a further application of 1.15 l/ha until no later than flag leaf sheath extended stage (GS 39)

APPLICATION VOLUME

Apply the recommended rate of **CLAYTON CONTRIVE** in at least 200 litres of water per hectare.

MIXING

SHAKE WELL BEFORE USE. Add **CLAYTON CONTRIVE** to a half-filled spray tank. Top up the tank to the required volume and ensure thorough mixing before and during spraying.

CLEANING APPLICATION EQUIPMENT

After each day's work, drain the sprayer, wash thoroughly with water and liquid detergent and spray out completely. Ensure that all liquid is removed from the spray tank, pump and hoses and ensure nozzles and nozzle filters are clean. Remove nozzles, open tank and drain pump to allow free access of air to all parts of the system.

APPLICATION CONDITIONS

Do not apply **CLAYTON CONTRIVE** to crops under significant stress from waterlogging, drought or nutrient deficiency. In hot, dry weather a better result might be obtained from application in the early morning or evening.

UNDERSOWN CROPS

CLAYTON CONTRIVE may be used on crops undersown with clovers and grasses.

VARIETAL RESTRICTIONS

There are no varietal restrictions on the use of **CLAYTON CONTRIVE**
CAUTION. Although **CLAYTON CONTRIVE** may be used under normal seasonal temperatures (down to 1°C) and ground conditions, it should not be sprayed onto plants covered with frost and requires two hours before rain or frost for a good effect to be obtained.

Do not allow **CLAYTON CONTRIVE** to drift onto neighbouring crops.

The use of poultry manure or slurry on crops may significantly reduce the lodging control obtainable with **CLAYTON CONTRIVE**.

USE OF STRAW

Do not use straw from **CLAYTON CONTRIVE** treated cereals as a horticultural growth medium or as a mulch.

COMPATIBILITY

Provided that all product recommendations are followed, **CLAYTON CONTRIVE** is compatible with a range of commonly used plant protection products, including other plant growth regulators.

For up-to-date details of compatible tank-mixes contact your distributor/the manufacturer/your agronomist.

When using **CLAYTON CONTRIVE** with a foliar fertiliser, thoroughly mix **CLAYTON CONTRIVE** before adding the fertilizer to the spray tank.

Do not use in tank mixtures with liquid nitrogen fertilizer.

Most chelated or complexed forms of trace elements are compatible with **CLAYTON CONTRIVE** but some inorganic forms, especially those of manganese (such as manganese sulphate), can cause problems in tank mixture

CONDITIONS OF SUPPLY

All goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and 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 resellers 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.