


Clayton Everest

A soluble concentrate plant growth regulator formulation (pH buffered) containing 620g/L (54%) chlormequat and metabolic adjuvants for use on spring and winter wheat, spring and winter barley, spring and winter oats for improved yields and lodging control. MAPP 19624

	CLAYTON EVEREST : contains chlormequat and metabolic adjuvants, pH buffered.
	WARNING: H290 May be corrosive to metals H302 Harmful if swallowed H412 harmful to aquatic life with long lasting effects
	Precautionary Statements P301+P312 IF SWALLOWED, call a poison centre or doctor/physician if you feel unwell P390 Absorb any spillage to prevent material damage P501 Dispose of contents and container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of a 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 Product Regulations.

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

IMPORTANT INFORMATION : FOR USE ONLY AS A PLANT GROWTH REGULATOR			
Crop	Max Individual dose L/ha	Max number of treatments	Latest time of application
Winter wheat	1.8	1 per crop	Before flag leaf sheath extended (GS39)
Winter wheat	0.8 followed by 1.0 or 1.0 followed by 0.8	2 per crop	Before flag leaf sheath extended (GS39)
Spring wheat	0.9	1 per crop	Before flag leaf sheath extended (GS39)
Winter barley	2.3	1 per crop	Before flag leaf sheath extended (GS39)
Winter barley	1.3 followed by 1.0	2 per crop	Before flag leaf sheath extended (GS39)
Spring barley	1.25	1 per crop	Before 4 leaves unfolded (GS14)
Winter and spring oats	2.3	1 per crop	Before flag leaf sheath extended (GS39)
Winter and spring oats	1.15 followed by 1.15	2 per crop	Before flag leaf sheath extended (GS39)

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 : Clayton Plant Protection Ltd., Bracetown Business Park, Clonee, Dublin 15. Ireland. Tel: (00 353) 1 8210127 www.claytonpp.com Email: info@claytonpp.com Marketing company : Clayton Plant Protection UK Ltd Contact details as above	Pack size : 5L e UN 3077 Batch No :
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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.

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 gloves 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.

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 immediately (show label where possible).

Environmental protection

DO NOT CONTAMINATE SURFACE WATER OR DITCHES with chemical or used container

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.

WASH OUT CONTAINER THOROUGHLY BY USING AN INTEGRATED PRESSURE RINSING DEVICE. Rinse three times. Add washings to spray tank at time of filling EMPTY

CONTAINER COMPLETELY 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.

The application of Clayton Everest can result on yield increase and a reduction in early lodging. This control of lodging is more consistent in wheat than barley.

Winter Wheat

Single Application : Apply 1.8l/ha of Clayton Everest at GS 30-39 to reduce lodging and plant height and increase stem diameter

Split Dose Application : 0.8L/ha to 1.0L/ha followed by 1.0 to 0.8 L/ha at up to GS 39 ensuring that the maximum total dose of 1.8L/ha is not exceeded.

Winter Barley

Single Application : Apply Clayton Everest 2.3L/ha at GS 30-39 to reduce lodging and plant height and increase stem diameter.

Split Dose Application : 1.3L/ha followed by 1.0L/ha. Apply 1.3L/ha of Clayton Everest at GS30-32 followed by further application of 1.0L/ha before GS39.

Spring Barley

Apply 1.2L/ha of Clayton Everest at t 2 – 4 leaves unfolded (GS12-14) for maximum possible yield increase.

Winter and Spring Oats

Single Application : Apply 2.3L/ha of Clayton Everest from just before the beginning of stem elongation (GS30) until no later than the flag leaf sheath extended stage (GS39).

Split Dose Application : Apply 1.15L/ha followed by 1.15L/ha of Clayton Everest from just before the beginning of stem elongation (GS30) followed by a further application of 1.15L/ha until no later than the flag leaf sheath extended stage (GS39).

Tank Mixtures of Clayton Everest with other plant growth regulators.

Winter wheat and barley

At the later application timing, Clayton Everest at 1.0L/ha is compatible with some products that contain ethephon ; trinexapac ethyl ; ethephon and mepiquat, providing that all recommendations for Clayton Everest and the partner product are complied with. **Seek advice regarding rates of use for the partner product from your supplier or agronomist.**

Application Volume

Apply the recommended rate of Clayton Everest in at least 200 litres of water/ha.

Mixing

Shake well before use. Add the Clayton Everest 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 the all liquid is removed from the sprayer tank, pump and hoses, and ensure nozzles and nozzle filters are clean. Remove nozzles, open tank and drain pump to allow free access to air to all parts of the system.

Application Conditions

Do not apply Clayton Everest to crops under significant stress from water logging, 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 Everest may be used on undersown crops with clover and grasses.

Varietal Restrictions

There are no varietal restriction on the use of Clayton Everest.

Clayton Everest may be used on all varieties of wheat, barley and oats grown for seed under the Seed Certification Scheme's Certification of Seed for Wheat, Barley and Oats.

Caution

Although Clayton Everest may be used under normal seasonal temperatures (down to 1C) and ground conditions, it should not be sprayed onto plants covered with frost and requires 2 hours before rain or frost for a good effect to be obtained. Do not allow Clayton Everest to drift onto neighbouring crops.

Do not use in tank mixtures with liquid nitrogen fertiliser.

The use of poultry manure or slurry on crops may significantly reduce the lodging control obtainable with Clayton Everest.

Use of Straw

Do not use straw from cereals treated with Clayton Everest as a horticultural growth medium or as a mulch.

Compatibility and Incompatibilities

Provided that all product recommendations are followed, Clayton Everest is compatible with a range of commonly used plant protection products. Contact your agronomist or product supplier for further information.

Do not use in tank mix with liquid nitrogen fertiliser.

Some chelated forms of trace elements are compatible with Clayton Everest but some inorganic forms, especially manganese, are incompatible.