

PLECTRUM

MAPP 18317



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PROTECT FROM FROST

CropLifeUK

Batch No. and manufacturing date: see packing

**A growth regulator for use in winter and spring wheat,
winter and spring barley, oats, rye and triticale.**

A soluble concentrate containing 720 g/litre (63.2% w/w) chlormequat chloride.



Danger

Harmful in contact with skin.

Harmful if swallowed.

May be corrosive to metals.

Toxic to aquatic life with long lasting effects.

Wear Protective clothing/gloves.

IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.

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

DIRECTIONS FOR USE:

Refer to leaflet attached to the pack.



Scan for Safety Data Sheet or use weblink:
geminiag.com/products

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 **Gemini**
AGRICULTURE

Marketing Company
Gemini Agriculture Ltd
71-75 Shelton Street, Covent Garden, London, WC2H 9JQ
Authorisation Holder
Gemini Agriculture Ltd
71-75 Shelton Street, Covent Garden, London, WC2H 9JQ

Customer Services
Telephone: +44 (0)20 3011 5515
Email: sales@geminiag.com
www.geminiag.com
Emergency Telephone Number
Telephone: +44 (0)845 8698756



IMPORTANT INFORMATION			
FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR			
Crops	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha/crop)	Latest time of application
Winter wheat	2.08	2.08*	Up to and including second node detectable
Spring wheat	1.3	1.3	Up to and including second node detectable
Winter barley	2.08	2.08	Up to and including second node detectable
Spring barley	1.56	1.56*	Up to and including second node detectable
Oats, rye, triticale	2.08	2.08	Up to and including second node detectable

Other specific restrictions

*A maximum dose of 1.38 L 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.

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SAFETY PRECAUTIONS

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

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

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL seek medical advice (show label where possible).

DO NOT CONTAMINATE WATER WITH THE PRODUCT OR ITS CONTAINER.

Avoid contamination via drains from farmyards and roads.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

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 frost-proof in a suitable pesticide store.

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.

PLECTRUM should only be used on crops at risk from lodging and should be applied at the correct timing when growing conditions are good.

To very late sown spring crops.

If the crop is wet or rainfall or frost is imminent.

To crops which are under stress, such as from waterlogging, nutrient deficiencies, drought, pest damage etc. or those with a significant moisture deficit.

To low fertility soils, unless the soils are treated with sufficient nitrogen fertiliser dressings.

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

Use of mixtures of PLECTRUM and liquid nitrogen fertilisers may under certain circumstances result in scorching. Therefore caution should be taken if such mixtures are used.

Wheat, winter barley and oats under-sown with grasses and clovers, may be treated with PLECTRUM.

Crops and timing of application

Effects of PLECTRUM on crop height and lodging vary with crop type. PLECTRUM thickens and shortens stems thereby strengthening them.

This may reduce early lodging (and consequent loss of yield). Spray timing is critical (see individual recommendations), and it is essential to only apply PLECTRUM to healthy, actively growing crops.

PLECTRUM can be applied to all varieties of wheat, barley, oats, rye and triticale. Details of the rates and timings are provided below:

- * A maximum dose of 1.38 L per hectare must not be exceeded when applied to winter wheat and spring barley before stem elongation (GS 30).
- ** PLETRUM should be applied at GS 30 for optimal height reduction.

In winter barley, PLECTRUM should be applied at GS 30 for optimum height reduction. Sequential use of Terpal* is recommended for reliable lodging control.

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

PLECTRUM may be applied at a reduced water volume of 100 litres water/ha. However, efficacy at this water volume has not been evaluated and therefore, with regards to biological safety, this is at user's own risk.

There are no restrictions on crops planted following the normal harvest of cereals treated with PLECTRUM.

Clover, lettuce and sunflower should not be planted or drilled within eight weeks of crop failure.

Mixing

Invert the container several times before opening to ensure thorough mixing. Three quarters fill the spray tank with clean water and start agitation. Pour in the required amount of PLECTRUM, add the remainder of the water and continue agitation until spraying is complete.

When tank-mixing, each product should be added separately to the tank adhering strictly to the instructions on the partner product label. Care should be taken with regards to any required order of mixing and each product should be fully dispersed before adding subsequent products.

Only the required amount of spray solution should be prepared.

Tank-mixes should be used immediately after preparation.

PLECTRUM is not compatible with products containing diflufenican.

Apply as a medium quality spray (see BCPC guidelines). Take care to avoid overlapping spray swaths.

*Terpal is a trademark of BASF Ltd.

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Gemini Agriculture Limited, 71-75 Shelton Street,
Covent Garden, London WC2H 9JQ

Technical helpline: 0845 564 6959