

# Cratus

MAPP 19628

Batch No. and manufacturing date: see packing

**PROTECT FROM FROST  
SHAKE WELL BEFORE USE**

**5L<sup>e</sup>**



An emulsifiable concentrate containing 250 g/litre trinexapac ethyl.

**CRATUS is a growth regulator for crop height reduction, which can lead to lodging control and yield protection in all varieties of winter and spring wheat, winter and spring barley, winter and spring oats, rye, triticale, durum wheat and ryegrass seed crops.**

## CRATUS

An emulsifiable concentrate containing 250 g/litre trinexapac ethyl.



### WARNING

**May cause an allergic skin reaction.**

**Toxic to aquatic life with long lasting effects.**

Keep out of reach of children.  
Avoid breathing fumes and vapours.  
Wear protective gloves/protective clothing.  
IF ON SKIN: Wash with plenty of soap and water.  
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.**



## IMPORTANT INFORMATION

**FOR USE ONLY AS AN AGRICULTURAL  
PLANT GROWTH REGULATOR**

**Crops:** Winter & spring wheat, winter & spring barley, winter and spring oats, rye, triticale, durum wheat and grassland (seed crops).

**Maximum individual dose**

**(L product/ha)**

**Maximum total dose**

**(L product/ha)**

**Latest time of application**

Full details are given in the information box within this leaflet.

**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:

Refer to the attached leaflet.



Scan for Safety Data Sheet or use weblink:  
<http://geminiag.com/products.php>

08/21



### 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](mailto:sales@geminiag.com)

[www.geminiag.com](http://www.geminiag.com)

### Emergency telephone number

Telephone: +44 (0)845 8698756



# IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR

| <b>Crops</b>                | <b>Maximum individual dose (L product/ha)</b> | <b>Maximum total dose (L product/ha)</b> | <b>Latest time of application</b>               |
|-----------------------------|---|--|---|
| Winter wheat                | 0.4   | 0.4                                      | Before flag leaf sheath extending stage (GS 41) |
| Spring wheat                | 0.4   | 0.4                                      | Before third node detectable stage (GS 33)      |
| Winter barley               | 0.6   | 0.6                                      | Before flag leaf sheath extending stage (GS 41) |
| Spring barley               | 0.5   | 0.5                                      | Before third node detectable stage (GS 33)      |
| Winter and spring oats      | 0.4   | 0.4                                      | Before second node detectable stage (GS 32)     |
| Rye, triticale, durum wheat | 0.4   | 0.4                                      | Before third node detectable stage (GS 33)      |
| Grassland (seed crops)      | 0.8   | 0.8                                      | Before second node detectable stage (GS 32)     |

## **Other specific restrictions**

CRATUS must not be used on grass seed crops that will be grazed by livestock or used for fodder.

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## **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) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.  
However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.  
AVOID ALL CONTACT WITH EYES.  
WASH HANDS 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.

### **Storage and Disposal**

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
RINSE 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.

## 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.

## RESTRICTIONS AND WARNINGS

Avoid spray drift onto neighbouring crops.

Only use on crops at risk of lodging.

Do not apply if rain or frost is expected or if the crop is wet.

Do not spray crops under stress or to crops suffering from waterlogging, pest attack, disease or frost.

## GENERAL INFORMATION

CRATUS is an emulsifiable concentrate formulation containing 250 g/L trinexapac-ethyl.

It is a growth regulator for crop height reduction, which can lead to lodging control and yield protection in all varieties of winter & spring wheat, winter & spring barley, winter & spring oats, rye, triticale, durum wheat and ryegrass seed crops.

Treatment may lead to ears remaining erect through to harvest.

## CROPS

### Winter Wheat

Apply CRATUS at 0.4 L/ha between the leaf sheath erect stage and the flag leaf fully emerged stage (GS 30-39).

### Spring Wheat

Apply CRATUS at 0.4 L/ha between the leaf sheath erect stage and the second node detectable stage (GS 30-32).

### Winter Barley

Apply CRATUS at 0.4 L/ha between leaf sheath erect stage and second node detectable stage (GS 30-32).

OR

Apply CRATUS at 0.6 L/ha between the flag leaf just visible stage and flag leaf fully emerged stage (GS 37-39).

### Spring Barley

Apply CRATUS at 0.5 L/ha between the leaf sheath erect stage and the second node detectable stage (GS 30-32).

### Winter and Spring Oats

Apply CRATUS at 0.4 L/ha between the leaf sheath erect stage and the first node detectable stage (GS 30-31).

### Rye, Triticale and Durum Wheat

Apply CRATUS at 0.4 L/ha between the leaf sheath erect stage and the second node detectable stage (GS 30-32).

### Ryegrass Seed Crops

Apply CRATUS at 0.8 L/ha between the leaf sheath erect stage and the first node detectable stage (GS 30-31).

## MIXING AND SPRAYING

### Spray Volume

Apply CRATUS in a recommended 200 L/ha of water. Increased penetration will be obtained with an increase in water volume but the necessity for this will be dependent on crop growth stage and habit.

### Spray Nozzles

Apply CRATUS in a minimum of 200 litres water per hectare. Increased water volume may assist spray penetration in larger or denser crop canopies.

### Mixing and Spraying

Make sure the sprayer is set to give an even application at the correct volume.

Fill the spray tank with half the required volume of clean water and start agitation. Add the required amount of CRATUS and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

Take particular care to avoid overlapping of spray swaths. Thoroughly wash all spray and measuring equipment with water and a wetting agent immediately after use.

## **CONDITIONS OF SUPPLY**

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or 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 re-sellers 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.

**To access the Safety Data Sheet for this product scan the QR code:**



**or visit the weblink:**

**<http://geminiag.com/products.php>**

**Alternatively, contact your supplier.**