



# STEMPER®



ADAMA



PLANT GROWTH REGULATOR

Emulsifiable  
concentrate

MAPP 19785

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THIS PRODUCT MUST BE SOLD AND USED ONLY IN ENGLAND, SCOTLAND AND WALES

## Ingredients

- Trinexapac-ethyl ..... 175 g/L (17.2% w/w)

## Crops

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

## Warning

**Causes skin irritation.**

**May cause an allergic skin reaction.**

**Causes serious eye irritation.**

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

Keep out of reach of children.

Wear protective gloves, protective clothing, eye protection & face protection.

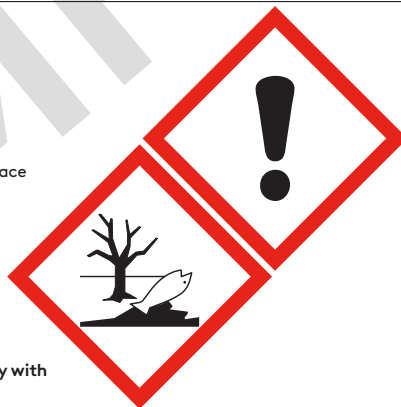
IF ON SKIN: Wash with plenty of soap and water

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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.



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## Scan for Safety Data Sheet

Or use the weblink : <https://bit.ly/3MXGIZc>  
Alternatively, contact your supplier.



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This label is  
compliant with  
the Voluntary  
Initiative  
Guidance.

NO VARNISH  
AREA

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## PROTECT FROM FROST

### 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 AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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

#### 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.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD DRINK OR ANIMAL FEEDING STUFFS.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer at the time of filling and dispose of safely.

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

**For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333.**

### IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL PLANT GROWTH REGULATOR

**Crops:** winter & spring wheat; winter & spring barley; winter & spring oats; rye, triticale, durum wheat, grassland (seed crop)

**Maximum individual dose; maximum number of applications; latest time of application & other specific restrictions:**

full details are given in the information box within the leaflet attached to the product.

**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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**Causes serious eye irritation.**

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

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**IF ON SKIN:** Wash with plenty of soap and water

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**Continue rinsing.**

**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 booklet is part of the approved label.**

**STEMPER® (MAPP 19785)** is an emulsifiable concentrate formulation containing 175 g/l (17.2% w/w) trinexapac-ethyl.

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

**IMPORTANT INFORMATION**  
FOR USE ONLY AS A PROFESSIONAL PLANT GROWTH REGULATOR

Crop	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha/crop)	Latest time of application*
Winter wheat	0.6	0.6	Before flag leaf sheath extending stage (GS 41)
Spring wheat	0.6	0.6	Before third node detectable (GS 33)
Winter barley	0.9	0.9	Before flag leaf sheath extending stage (GS 41)
Spring barley	0.7	0.7	Before third node detectable (GS 33)
Winter & spring oats	0.6	0.6	Before second node detectable (GS 32)
Rye, triticale, durum wheat	0.6	0.6	Before third node detectable (GS 33)
Grassland (seed crop)	1.1	1.1	Before second node detectable (GS 32)
<b>Other Specific Restriction</b> This product must not be used on grass seed crops that will be grazed by livestock or cut for fodder. <b>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.</b>			

\*See the CROP SPECIFIC INFORMATION section for details of the earliest and latest time of application for each recommendation.

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## 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.

STEMPER® is a growth regulator for crop height reduction, which can lead to control of lodging 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.

### RESTRICTIONS

#### Crop Cautions

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 water logging, pest attack, disease or frost.

Take particular care to avoid overlapping of sprayed strips.

Treatment may lead to cereal ears remaining erect through to harvest.

Crops should not be re-entered until spray residues are dry.

### CROP SPECIFIC INFORMATION

Crop	Rate of use (L/ha)	Timing
Winter wheat	0.6	Between tillers erect stage and the flag leaf fully emerged stage (GS 30-39).
Spring wheat	0.6	Between tillers erect stage and the second node detectable stage (GS 30-32).
Winter barley	0.6 OR 0.9	<b>At 0.6 litres product/ha</b> Between tillers erect stage and second node detectable stage (GS 30-32) <b>At 0.9 litres product/ha</b> Between flag leaf just visible and flag leaf fully emerged stages (GS 37-39)
Spring barley	0.7	Between tillers erect stage and 2 <sup>nd</sup> node detectable (GS 30-32)
Winter and spring oats	0.6	Between tillers erect stage and 1 <sup>st</sup> node detectable (GS 30-31)
Durum wheat, rye and triticale	0.6	Between tillers erect stage and 2 <sup>nd</sup> node detectable (GS 30-32)
Ryegrass seed crops	1.1	Between tillers erect stage and 1 <sup>st</sup> node detectable (GS 30-31)

## **MIXING AND APPLICATION**

For use by tractor mounted/trailed sprayers only.

### **Water volume**

Apply STEMPER in 200-400 L/ha water. The higher water volume may be used if the crop is dense and increased penetration of spray is required. Apply as a MEDIUM (BCPC definition) quality spray.

### **Mixing and spraying**

For use by tractor mounted/trailed sprayers only.

Half fill the spray tank with water and begin agitation. Add the required quantity of STEMPER. Add the remainder of the water and continue agitation until spraying is complete.

### **Spray tank cleaning**

Thoroughly wash all spraying equipment and measuring equipment with water and a wetting agent using an integrated pressure rinsing device or manually rinsing three times immediately after use.

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## **COMPANY ADVISORY INFORMATION**

*This section is not part of the Product Label under the Plant Protection Products Regulations and provides additional advice on product use at the discretion of ADAMA Agricultural Solutions UK Ltd*

### **DISCLAIMER/CONDITIONS OF SUPPLY**

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

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