



# Moddus<sup>®</sup>

syngenta

Product registration number: MAPP 15151

MODDUS 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.

MODDUS is an emulsifiable concentrate containing 250g/l (25.5% w/w) trinexapac-ethyl per litre.

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

Syngenta UK Limited  
CPC4, Capital Park, Fulbourn, Cambridge, CB21 5XE  
Tel: Cambridge (01223) 883400

**In case of toxic or transport emergency  
ring +44 (0) 1484 538444 any time.**

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This product label is compliant with  
the CPA Voluntary Initiative (VI) guidance.

# 1 Litre

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**MODDUS**

An emulsifiable concentrate formulation containing 250 g/l trinexapac-ethyl

**Signal Word****Hazard**

May cause an allergic skin reaction.

**Statements**

Toxic to aquatic life with long lasting effects.

**Precautionary**

Keep out of reach of children.

**Statements**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing.

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

Collect spillage.

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.

**Supplemental**

Repeated exposure may cause skin dryness or cracking.

**Information**

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

**MAPP 15151****IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR.

Crop	Maximum Individual Dose (product per hectare)	Maximum Total Dose (product per hectare per crop)	Latest Time of Application*
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 crop)	0.8	0.8	Before second node detectable stage (GS 32)

\*see the DIRECTIONS FOR USE text, under CROPS for details of the earliest and latest time of application for each recommendation.

Other Specific Restrictions:

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

Treated grassland must not be grazed or cut for fodder.

**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.**

**SAFETY PRECAUTIONS****(a) 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.

**(b) 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.

**(c) 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.

This leaflet is part of the approved Product Label.

### **DIRECTIONS FOR USE**

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

### **RESTRICTIONS**

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**

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

#### **Spring Wheat**

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

#### **Winter Barley**

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

OR

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

#### **Spring Barley**

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

**Ryegrass Seed Crops**

Apply MODDUS 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 MODDUS 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 MODDUS 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 MODDUS 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.

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