

## P L A N T G R O W T H R E G U L A T O R

**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 wheat, winter and spring barley, winter and 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 (GS30–39).

**Winter Barley**

Apply MODDUS at 0.4 l/ha between leaf sheath erect stage and second node detectable stage (GS30–32).

**OR**

Apply MODDUS at 0.6 l/ha between the flag leaf just visible stage and flag leaf fully emerged stage (GS37–39).

**Spring Barley**

Apply MODDUS at 0.5 l/ha between the leaf sheath erect stage and the second node detectable stage (GS30–32).

**Winter and Spring Oats**

Apply MODDUS at 0.4 l/ha between the leaf sheath erect stage and the first node detectable stage (GS30–31).

**Rye, Triticale and Durum Wheat**

Apply MODDUS at 0.4 l/ha between the leaf sheath erect stage and the second node detectable stage (GS30–32).

**Ryegrass Seed Crops**

Apply MODDUS at 0.8 l/ha between the leaf sheath erect stage and the first node detectable stage (GS30–31).

**MIXING AND SPRAYING****Spray Volume**

Apply MODDUS in a minimum of 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.

## P L A N T G R O W T H R E G U L A T O R

**Spray Nozzles**

A MEDIUM spray quality is preferred for application of MODDUS (see BCPC guidelines).  
A spray pressure of 2–3 bar is recommended.

**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.

PROTECT FROM FROST

**PLANT GROWTH REGULATOR**

**SAFETY PRECAUTIONS**

Precautions marked \* are a legal requirement.

**(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 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.  
AVOID ALL CONTACT WITH EYES.  
WASH HANDS before meals and after work.

**(b) Environmental protection**

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

**(c) Storage and disposal**

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 the washings to the sprayer at the time of filling and dispose of safely.

**MODDUS**



**IRRITANT**



**DANGEROUS FOR THE ENVIRONMENT**

MODDUS is an emulsifiable concentrate formulation containing 250 g/l trinexapac-ethyl

**MAY CAUSE SENSITISATION BY SKIN CONTACT. TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

When using do not eat, drink or smoke.

Wear suitable protective clothing and gloves.

This material and its container must be disposed of in a safe way.

Use appropriate containment to avoid environmental contamination.

**To avoid risks to man and the environment, comply with the instructions for use.**

PLANT GROWTH REGULATOR

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 AN AGRICULTURAL PLANT GROWTH REGULATOR

<b>Crops</b>	<b>Maximum individual dose (product per hectare)</b>	<b>Maximum total dose (product per hectare per crop)</b>	<b>Latest time of application</b>
Winter wheat	0.4 litre	0.4 litre	Before flag leaf sheath extending stage (GS41)
Winter barley	0.6 litre	0.6 litre	Before flag leaf sheath extending stage (GS41)
Spring barley	0.5 litre	0.5 litre	Before third node detectable stage (GS33)
Winter and spring oats	0.4 litre	0.4 litre	Before second node detectable stage (GS32)
Rye, Triticale, Durum wheat	0.4 litre	0.4 litre	Before third node detectable stage (GS33)
Ryegrass seed crops	0.8 litre	0.8 litre	Before second node detectable stage (GS32)

**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.**

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

**In case of toxic or transport emergency ring 01484 538444 any time.**