

750ml

approx. measure

500ml

250ml



# Moddus®

syngenta.

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

## FOR USE ONLY AS AN AGRICULTURAL GROWTH REGULATOR

MODDUS® is a growth regulator for winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, rye, triticale, and grassland (seed crops).

PLEASE SEE ACCOMPANYING LEAFLET FOR PRODUCT USE DETAILS.

Authorisation Holder	Marketing Company
Syngenta UK Limited Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY Tel +44 (0) 1223 883400	Syngenta Ireland Limited Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford, Ireland Tel: (051) 377203

**IN CASE OF TOXIC OR TRANSPORT EMERGENCY RING  
+44 (0) 1484 538444 ANYTIME (24HR).**

**PROTECT FROM FROST  
SHAKE WELL BEFORE USE**

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

# 1 Litre



## FOR PROFESSIONAL USE ONLY

To avoid risks to human health and the environment comply with the instructions for use. MODDUS is an emulsifiable concentrate containing 250g/l (25.5% w/w) trinexapac-ethyl per litre.

### Warning

May cause an allergic skin reaction.

May cause damage to organs (Gastrointestinal tract) through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Repeated exposure may cause skin dryness or cracking.

Do not breathe mist or vapours.

Wear protective gloves.

Get medical advice/ attention if you feel unwell.

If skin irritation or rash occurs: Get medical advice/ attention.

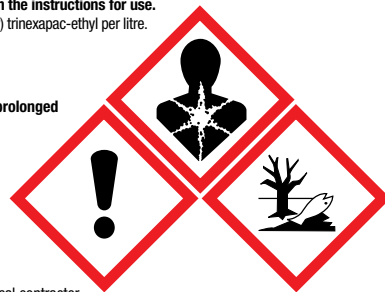
Take off contaminated clothing and wash it before reuse.

Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor

or collection site except for empty triple rinsed clean containers which can be disposed of as non-hazardous waste. **PCS No. 03849**

**UFI: RVYK-238G-D00G-S06W**



## CONDITIONS OF USE

FOR USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR

Crop	Max individual dose l/ha	Max no. of applications	Max. total dose l/ha per crop/year	Latest time of application
Winter wheat	0.4	-	0.4	Before flag leaf sheath extending stage (GS 41)
Winter barley	0.6	-	0.6	
Winter and spring oats	0.4	-	0.4	Before second node detectable stage (GS 32)
Grassland (seed crop)	0.8	-	0.8	
Spring wheat	0.4	-	0.4	Before third node detectable stage (GS 33)
Spring barley	0.5	-	0.5	
Durum wheat, rye, triticale	0.4	-	0.4	

## Additional Safety Information.

### (a) Operator Protection

AVOID CONTACT WITH SKIN AND EYES.

WEAR EYE/FACE PROTECTION when handling the concentrate.

FOR USE BY TRACTOR MOUNTED/TRAILLED SPRAYER ONLY.

### (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.

RINSE CONTAINER THOROUGHLY, by using an integrated pressure rinsing device or manually rinsing three times. Add washings to

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

Do not re-use container for any other purpose and dispose of safely.

### (d) Restrictions

Apply MODDUS only to healthy, actively growing crops.

Do not apply during periods of frosty weather or when frost is imminent.

Do not apply MODDUS to crops that are stressed by severe weather conditions, drought, frost, disease, insect damage, nutritional deficiency, etc.

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

Avoid spray drift on to neighbouring crops.

## **DIRECTIONS FOR USE**

### **PROPERTIES OF MODDUS**

MODDUS® is a growth regulator for crop height reduction, lodging prevention and yield protection in all varieties of winter and spring wheat, winter and spring barley and winter and spring oats, durum wheat, rye, triticale and grassland (seed crops).

Treatment may lead to ears remaining erect through to harvest.

### **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, agitate, and continue agitation whilst adding the rest of the water.

Agitate the mixture thoroughly before use and continue agitation during spraying.

Thoroughly wash all spray and measuring equipment with water and a wetting agent immediately after use.

### **APPLICATION**

#### **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.

#### **Spray nozzles**

A medium spray quality is preferred for application of MODDUS. A spray pressure of 2-3 bar is recommended.

#### **Spraying**

Take particular care to avoid overlapping of spray swaths.

Apply only using a ground sprayer.

### **RECOMMENDATIONS**

#### **Winter Wheat**

##### **Timing and dose**

Apply at 0.4 l/ha from the leaf sheath erect stage (GS 30) but before the flag leaf extending stage (GS 41).

#### **Winter Barley**

##### **Timing and dose**

Apply at 0.4 l/ha from the leaf sheath erect stage (GS 30) but before the third node detectable stage (GS 33).

or

Apply at 0.6 l/ha from the flag leaf just visible stage (GS 37) but before the flag leaf extending stage (GS 41).

#### **Spring Barley**

##### **Timing and dose**

Apply at 0.5 l/ha from the leaf sheath erect stage (GS 30) but before the third node detectable stage (GS 33).

#### **Spring Wheat**

##### **Timing and dose**

Apply at 0.4 l/ha from the leaf sheath erect stage (GS 30) but before the third node detectable stage (GS 33).

#### **Winter and Spring Oats**

##### **Timing and dose**

Apply at 0.4 l/ha from the leaf sheath erect stage (GS 30) but before the second node detectable stage (GS 32).

#### **Rye, Triticale and Durum Wheat**

##### **Timing and dose**

Apply at 0.4 l/ha from the leaf sheath erect stage (GS 30) but before the third node detectable stage (GS 33).

#### **Grassland (seed crops only)**

##### **Timing and dose**

Apply at 0.8 l/ha from the leaf sheath erect stage (GS 30) but before the second node detectable stage (GS 32).

### **CROP FAILURE**

In the event of crop failure for any reason, cereals and oilseed rape can be planted in soil treated with MODDUS. Due to reduced activity via the root system and to its rapid degradation in soil, no problems with following crops are foreseen for this product.

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



Alternatively, contact your supplier