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

FOR USE ONLY AS AN AGRICULTURAL GROWTH REGULATOR

MODDUS 250 EC 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.

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

PROTECT FROM FROST
SHAKE WELL BEFORE USE

Authorisation Holder
Syngenta UK Ltd
CPC 4, Capital Park, Fulbourn, Cambridge CB21 5XE
Tel: +44 (0) 1223 883400

Marketing Company
Syngenta Ireland Limited
Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford
Tel: (051) 377220

FOR PROFESSIONAL USE ONLY

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Hazard pictograms

Signal Word
Warning

Hazard Statements
May cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.

Precautions Statements
Keep out of reach of children.
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.
Repeated exposure may cause skin dryness and cracking.

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

PCS No. 03849

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 | - | 0.4 | Before flag leaf sheath extending stage (GS 41)
Winter barley | 0.6 - 0.6 | - | 0.6 | Before second node detectable stage (GS 32)
Winter and spring oats | 0.4 - 0.4 | - | 0.4 | Before second node detectable stage (GS 32)
Grassland (seed crop) | 0.8 - 0.8 | - | 0.8 | Before third node detectable stage (GS 33)
Spring wheat | 0.4 - 0.4 | - | 0.4 | Before third node detectable stage (GS 33)
Spring barley | 0.5 - 0.5 | - | 0.5 | Before third node detectable stage (GS 33)
Durum wheat, rye, triticale | 0.4 - 0.4 | - | 0.4 | Before third node detectable stage (GS 33)

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 PONDS, WATERWAYS OR DITCHES with chemical or used container.
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.

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**PROTECT FROM FROST**

**SHAKE WELL BEFORE USE**

### CONDITIONS OF USE

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

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

**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 ponds, waterways or ditches with chemical or used container.

(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 250 EC only to healthy, actively growing crops. Do not apply during periods of frosty weather or when frost is imminent. Do not apply MODDUS 250 EC 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 250 EC 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 250 EC, 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 250 EC 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 250 EC. 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 250 EC. 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.
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