



BELCHIM

C R O P P R O T E C T I O N

MODAN®

Version and date: Version 3 Spring 2016

Changes since last version: Maximum total dose replaces number of treatments; addition of P273

FORMULATION AND ACTIVE INGREDIENT: An emulsifiable concentrate formulation containing 250 g/L trinexapac-ethyl. A plant growth regulator for crop height reduction which can lead to lodging control and yield protection in winter wheat, winter and spring barley, winter and spring oats, rye and triticale.

PACK SIZE: 1-20 LT e

MAPP No: 17060




UN: 3082

**FOR PROFESSIONAL USE ONLY
PROTECT FROM FROST**

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL PLANT GROWTH REGULATOR				
Crops/ situations	Maximum individual dose (L product/ha)	Maximum total dose (L product/ha)	Maximum number of treatments (per crop)	Latest time of application
Oats	0.4	0.4	-	Up to and including flag leaf just visible (GS37)
Barley (spring)	0.4	0.4	-	Up to and including flag leaf just visible (GS37)
Barley (winter)	0.6	0.6	-	Up to and including flag leaf ligule just visible (GS39)
Rye	0.4	0.4	-	Up to and including flag leaf ligule just visible (GS39)
Wheat (winter)	0.4	0.4	-	Up to and including flag leaf ligule just visible (GS39)
Triticale	0.6	0.6	-	Up to and including flag leaf ligule just visible (GS39)

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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	MODAN	An emulsifiable concentrate formulation containing 250 g/L trinexapac-ethyl.
DANGER	H317 H318 H335 H411	May cause an allergic skin reaction Causes serious eye damage May cause respiratory irritation Toxic to aquatic life with long lasting effects
	P261 P273 P280	Avoid breathing vapours/spray Avoid release to the environment Wear protective gloves/protective clothing/eye protection/face protection
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER/doctor
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention
	P391 P501	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
	EUH210	Safety data sheet available on request
	EUH401	To avoid risks to human health and the environment, comply with the instructions for us.

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

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), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) 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.

- WASH CONCENTRATE from skin or eyes immediately.
- WHEN USING, DO NOT EAT, DRINK OR SMOKE.
- WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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 AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP OUT OF REACH OF CHILDREN.

- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
- This material and its container must be disposed of in a safe way.
- WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

This product is approved under the Plant Protection Products Regulations (as amended).

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.

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 or high daily temperatures.

Do not use on crops intended for seed production.

General information

MODAN 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 of cereals, which can lead to yield protection in winter wheat, winter and spring barley, winter and spring oat, rye and triticale. MODAN is applied as a foliar spray, post-emergence, and is translocated to the growing shoot. MODAN decreases plant height by reducing the length of the internodes. The shortening of the internodes combined with a higher density of the plant tissue results in improved stem stiffness which reduces potential risk of lodging.

Soil

MODAN can be used on all soil types.

Application and water volume

Apply the recommended rate of MODAN in 200 to 400 L/ha water using suitable ground equipment. Use a conventional field crop sprayer at a pressure of 2-3 bars and apply a MEDIUM spray (as defined by BCPC). Take particular care to avoid over-lapping spray swaths.

Mixing

Half fill the spray tank with clean water and start the re-circulation system.

Pour the required quantity of product into the spray tank and continue agitation. Top up the spray tank with water to the required level. Continue agitation until spraying is completed.

Spray immediately after mixing.

Crops

MODAN can be used on oats, spring barley, winter barley, rye, winter wheat and triticale.

Timing

Apply MODAN to oats and spring barley between the pseudo stem erect stage up to and including the flag leaf just visible stage. Apply MODAN to winter barley, winter wheat, triticale and rye between the pseudo stem erect stage up to and including the flag leaf ligule/collar just visible stage. Transient symptoms of phytotoxicity may occur. Treatment may lead to ears remaining erect through to harvest.

Dose

Apply MODAN at 0.4 litres/hectare in oats, spring barley, rye and winter wheat and at 0.6 L/ha in winter barley and triticale.

Subsequent cropping

All crops can be cultivated on fields where MODAN was applied.

Spray tank clean-out

It is important that the spray tank, boom, hoses, filters and nozzles are thoroughly washed out to remove all traces of MODAN immediately after spraying and before the sprayer is used again:

1. Drain sprayer completely, then wash out tank, boom and hoses with clean water. Drain again.
2. Fill the tank with clean water. Flush through the boom and hoses then leave the sprayer for 10 minutes with agitation on. Then drain completely.
3. Flush the tank, boom and hoses with clean water twice.

Ensure any spray contamination on the outside of the sprayer is removed by washing in clean water.

CONDITIONS OF SUPPLY

All goods supplied by us are of a high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

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