

TRINESTAR® P

PLANT GROWTH REGULATOR

WINTER / SPRING WHEAT, BARLEY, OATS
RYE, TRITICALE, DURUM WHEAT
GRASSLAND SEED CROPS

MAPP 20410

Emulsifiable concentrate (EC)
250 g/l trinexapac-ethyl

NET CONTENTS:

1L

FOR USE ONLY AS A
PROFESSIONAL
PLANT GROWTH REGULATOR

lifescientific
FIRST TO MARKET



TRINESTAR®

Contains 250 g/l trinexapac-ethyl as an emulsifiable concentrate.

TRINESTAR is a plant growth regulator for crop height reduction, which can lead to lodging control and yield protection in all varieties of winter wheat and spring wheat, winter and spring barley, winter and spring oats, rye, triticale, durum wheat and grassland seed crops.

WARNING



TRINESTAR®

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

MAY CAUSE AN ALLERGIC SKIN REACTION

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Keep out of reach of children.

Avoid breathing spray.

Wear protective gloves/clothing.

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 triple-rinsed empty containers which can be disposed of as non-hazardous waste. **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).**

TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE.

IMPORTANT INFORMATION: FOR USE ONLY AS A PROFESSIONAL AGRICULTURAL PLANT GROWTH REGULATOR

Crops and situations:	Maximum individual dose (litres product/ha)	Maximum total dose (litres product/ha/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 crops)	0.8	0.8	Before second node detectable stage (GS 32)

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 AND SAFETY PRECAUTIONS 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.

*See the DIRECTIONS FOR USE text, under CROP SPECIFIC INFORMATION for details of the earliest and latest time of application for each recommendation.

Approval Holder and Marketing Company: Life Scientific Limited

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

For 24 hour emergency information contact: NHS 111



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

**PROTECT FROM FROST
MADE IN EU
SHAKE WELL BEFORE USE
BATCH NO. SEE PACKAGING**



PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

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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) 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.

Environmental Protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container. Do not clean application equipment near surface water.

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.

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.

TRINESTAR is an emulsifiable concentrate formulation containing 250 g/l trinexapac-ethyl. It is a plant growth regulator for crop height reduction, which can lead to lodging control and yield protection in all varieties of winter wheat and spring wheat, winter and spring barley, winter and spring oats, rye, triticale, durum wheat and grassland seed crops.

Treatment may lead to ears remaining erect through to harvest.

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.

CROP SPECIFIC INFORMATION

1 Winter Wheat

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

2 Spring Wheat

Apply TRINESTAR at 0.4 L/ha between the leaf sheath erect stage and the second node detectable stage (GS 30 – 32)

3 Winter Barley

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

OR

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

4 Spring Barley

Apply TRINESTAR at 0.5 l/ha between the leaf sheath erect stage and the second node detectable stage (GS 30 – 32).

5 Winter and Spring Oats

Apply TRINESTAR at 0.4 l/ha between the leaf sheath erect stage and the first node detectable stage (GS 30 – 31).

6 Rye, Triticale and Durum Wheat

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

7 Grassland (Seed Crops)

Apply TRINESTAR at 0.8 l/ha between the leaf sheath erect stage and the first node detectable stage (GS 30 – 31).

MIXING AND SPRAYING

1 Spray Volume

Apply TRINESTAR in a recommended 200 l/ha of water. An increase in water volume will result in increased penetration – this is dependent on crop stage and habit.

2 Mixing and Spraying

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume. Half fill the spray tank with clean water. Begin agitation and add the required quantity of TRINESTAR directly to the tank. Add the remainder of the water and agitate the mixture thoroughly before and during spraying.

Take particular care to avoid overlapping of spray swaths.

Wash out containers with an integrated pressure rinsing device or manually rinsing three times and add the washings to the spray tank. Do not leave the diluted spray in the tank for extended periods such as meal breaks or overnight.

3 Spray Nozzles

Application should be made using a MEDIUM quality spray as defined by BCPC in a minimum of 200 L/ha. A spray pressure of 2-3 bar is recommended.

Tank Mixes

TRINESTAR is physically compatible with a range of other products but the efficacy of the mixtures have not been confirmed in trials so use is at the grower's risk. If using tank mixes, unless directed otherwise, the preferred order of addition of products to the tank is: water dispersible granules, wettable powders, suspension concentrates (flowables), emulsifiable concentrates, soluble concentrates. Each product must be added to a half-full sprayer and be fully dispersed before the addition of the next product.

Tank mixes must only be applied within the label recommendations of every product in the mix. Contact your supplier for compatibility information on specific tank mixes. Manufacturer's instructions must be followed for each tank-mix component.

CLEANING OF APPLICATION EQUIPMENT

To avoid damage to other crops, the application equipment must be thoroughly de-contaminated after application.

- Immediately after application, drain the tank completely and wash down with clean water. Rinse out the tank and flush through the booms and hoses.
- Half-fill the tank with clean water and add the recommended dose of detergent cleaner. Agitate and then flush the boom and hoses with the cleaning solution. Top up the tank so that it is completely full and leave to stand for 15 minutes with the agitation running. Flush the booms and hoses again and drain completely.
- Remove the nozzles and filters and clean separately in a solution of detergent cleaner in 10 litres of water.
- Rinse the tank again with clean water, using at least 10% of the tank volume and dispose of the washings safely. For disposal of washings in the UK, follow the 'Code of Practice for Using Plant Protection Products', while in Ireland you should comply with local and national regulations.

CONDITIONS OF SUPPLY

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, 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, and 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.