

### Important Information

FOR USE ONLY AS A  
PROFESSIONAL PLANT GROWTH  
REGULATOR

#### Crops:

Apple Orchards

#### Maximal Individual Dose:

1.25kg/ha

#### Water volume:

500-2000 l/ha

#### Maximum No. of applications:

2/season

#### Latest time of application:

55 days before harvest

#### Other Specific Restrictions:

Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making broadcast air-assisted applications

**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.**

**fine**

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MAPP 17578

**A PLANT GROWTH REGULATOR FOR  
USE IN APPLE ORCHARDS TO LIMIT  
SHOOT GROWTH**

**Active Ingredient: Contains 100 g/kg  
of prohexadione calcium in the form of  
a water dispersible granule (WDG).**

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



Net contents:

**2.5 kg**

### Risk and Safety Information

#### Classification:

Not classified

#### GHS Pictogram:



#### Signal Word:

None

#### Hazard Statement:

H411 Toxic to aquatic life with long lasting effects

#### Precautionary Statement:

P391 Collect spillage  
P501 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.

EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Sp1: 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.)

#### 24 Hour National Poisons

Information Service

Tel: 0844 892 0111

#### Batch no:

See packaging

#### Date of Manufacture:

See packaging

KUD/UK/2.5KG/16

**PLEASE READ THE LABEL COMPLETELY BEFORE USE**

# SAFETY PRECAUTIONS

## Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

However, engineering controls may replace personal protective equipment if a closed cab scenario is considered.

Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making broadcast air-assisted applications

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH ALL PROTECTIVE CLOTHING thoroughly after use.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL

## 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 OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

## 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.**

Kudos is a plant growth regulator for use in apple orchards to control shoot growth. Prohexadione is a gibberellin biosynthesis inhibitor. It reduces shoot growth by limiting internode elongation. As a result, pruning time will be reduced, and air circulation within the canopy will be improved as well as light penetration.

## **DOSES AND TIMING OF APPLICATION**

Dose: 1.25 kg/ha in apple

For shoot growth control in apple, a first spray should take place at the start of active shoot growth (from BBCH 31) when new shoots are no more than 5 cm long (or at the end of blossoming) and could be repeated after 3 to 5 weeks. Better shoot growth limitation is achieved with earlier applications; therefore typical recommendation is to apply the first spray when new shoots are 2 to 5 cm long.

Note: Crop safety has not been established on Bramley and Cox varieties of apples.  
Do not apply together with a calcium based fertiliser

The dose and number of applications should be adapted according to the tree vigour.

Maximum dose: 2.5 kg/ha/season

Pre Harvest Interval: 55 days

Apply when vegetation is actively growing, on a dry crop. Do not spray plants under stress conditions. In case of temperature above 22°C or low relative humidity, it is recommended to spray in the evening.

Water volume: 500-2000 l/ha

Spray volume should be adjusted to tree size and density as well as to the spray equipment. Use a correctly calibrated sprayer to ensure uniform and complete coverage of the plant foliage without run-off.

Avoid spray drift onto neighbouring crops and non target plants. Do not spray in case of wind.

## **MIXING**

Add the required amount of Kudos to the half-filled sprayer tank whilst agitating. Rinse any empty containers thoroughly and add rinsings to the spray tank. Fill the tank and continue agitation whilst spraying.

## **RINSING**

Immediately after use, rinse the tank three times with clear water and spray on the treated plot. A commercially available cleaning agent can be added to the rinse water if desired.

## **COMPATIBILITY**

Do not mix Kudos with other plant growth regulators, pesticides, or fertilisers. In particular, do not apply Kudos together with foliar fertilisers containing calcium or with gibberellins. Where gibberellin containing products are used in the orchard, a minimum interval of 3 days is recommended with the Kudos application. Contact your technical advisor for any question.

## **PRODUCT WARRANTY CONDITIONS AND LIMITATION OF LIABILITY**

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications indicated on this label. FINE disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance or other unintended consequences may result because of factors such as abnormal weather conditions, presence of other materials, the manner of application, use of the Product other than in strict accordance with this label's instructions or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

We particularly draw the attention of the Buyer to the fact that results depend on a number of external factors such as sensitivity of specific crop varieties. Other important factors which may impact product performance are water/fertilisation management, temperature and other cultural practices.

FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product. FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product.

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