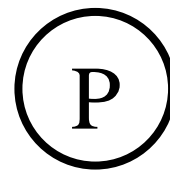


## PRIMO MAXX

Product registration number: MAPP 13374



A soluble liquid formulation containing 121g/litre trinexapac-ethyl.

For turf growth management

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

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



Net contents

Syngenta Crop Protection UK Ltd,  
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Cambs,  
CB21 5XE  
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In case of toxic or transport emergency ring +44 (0)1484 538444 any time

*PROTECT FROM FROST*

Product code / Print date / xxxxxx

Batch Number

## **SAFETY PRECAUTIONS**

### **(a) Operator protection**

WASH HANDS AND EXPOSED SKIN before meals and after work.

### **(b) Consumer protection**

NOT TO BE USED ON FOOD CROPS

### **(c) Storage and disposal**

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

**PRIMO MAXX**

A soluble liquid formulation containing 121g/litre trinexapac-ethyl.

Keep out of the reach of children.

When using do not eat drink or smoke.

Keep away from food drink and animal feeding stuffs.

**To avoid risks to man and the environment, comply with the instructions for use**

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN HORTICULTURAL PLANT GROWTH REGULATOR

For use on: Managed amenity turf and amenity grassland.

Maximum individual dose: 3.2 litres product/hectare

Maximum total dose per season : 16 litres product/hectare/season

**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.**

This leaflet is part of the approved Product Label.

## **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.

## **RESTRICTIONS**

PRIMO MAXX may cause temporary yellowing of turf. This usually disappears about one week after application. To minimize yellowing and enhance the green colour of turf, apply readily available nitrogen.

The long-term effect of PRIMO MAXX on turf density or sward composition change has not been assessed.

Reductions in grass growth produced by PRIMO MAXX may be favourable to the development of red thread disease.

Collected clippings should not be composted or used as a mulch as their safety for use on desired plants has not been assessed.

Do not use on newly sown turf.

### Grass species

Some darkening of the turf may occur following application of PRIMO MAXX.

As some discolouration including lightening or scorch may occur to Annual Meadow Grass, care should be taken if Annual Meadow Grass represents a significant composition of the sward.

### Other Non Target Plants

Do not overspray desired non target plants present either in or adjacent to the turf area to be treated, as damage may occur following application of PRIMO MAXX.

### Stressed Turf

Turf which is stressed, for example through drought, low fertility or pest/disease attack may show signs of damage after application of PRIMO MAXX. Any signs of damage is only temporary.

## **DIRECTIONS FOR USE**

PRIMO MAXX for turf growth management reduces the frequency of mowing and the amount of grass clippings by reducing the growth of turfgrasses.

PRIMO MAXX can be used on well maintained quality turf grass areas such as golf course fairways, surrounds, tees and greens, sports fields, turf farms, cemeteries, parks and similar areas. PRIMO MAXX can also be used in the management of areas which are difficult to mow, such as on sloping banks and can be used to minimise the need for edging turf along pavements, flower beds, etc.

PRIMO MAXX reaches the growing point through the foliage and it is not washed off by rainfall or irrigation 12 hours after application. Watering-in is not required. For best results

PRIMO MAXX should be applied to high quality turfgrass which receives adequate fertilization and water and is therefore not stressed.

Environmental conditions, management and cultural practices that affect turf growth and vigour (e.g. fertility level, moisture availability, plant height and frequency of mowing, etc.) will influence the response of the turf to PRIMO MAXX applications.

Excessive turf growth, which may occur with high fertilization or during spring flushes, may require higher rates of PRIMO MAXX. Under these conditions, PRIMO MAXX rates may need to be increased up to 50% more than the recommended rate for the situation of use to provide adequate length of control. Do not exceed the rate of 3.2 l/ha PRIMO MAXX in any single application.

PRIMO MAXX use rates may need to be reduced up to 50% less than the recommended rate for the situation of use for turfgrass grown under conditions of low fertility or other factors that stress the turf.

## **CROP SPECIFIC INFORMATION**

### **How PRIMO MAXX works**

The active ingredient in PRIMO MAXX, trinexapac-ethyl, causes a temporary halt to the production of gibberellic acid, a plant growth hormone which is responsible for the top growth of the plant. Trinexapac-ethyl is taken up by the foliage of the grass plant and is translocated systemically to the growing point of the plant. After application the turf grass grows more slowly than in untreated areas, with shorter leaf blades.

PRIMO MAXX does not control dicotyledonous weeds in turf and these should be controlled before application of the growth regulator.

Turf grasses absorb trinexapac-ethyl very rapidly and it is rainfast 12 hours after application. Do not apply to bare ground since PRIMO MAXX is absorbed through the foliage.

At the recommended rate, one application will give a reduction in fresh weight of grass clippings of up to 50% and a reduction in grass height of up to 20% for up to four weeks.

### **Timing**

Apply PRIMO MAXX to actively growing turf. If turf is going into dormancy because of high or low temperatures or lack of moisture, apply a lower rate of PRIMO MAXX. Do not treat turf under stress from lack of soil moisture, as damage may occur.

The turf must be dry and weed free before application. Adequate soil moisture is essential for PRIMO MAXX to be effective and avoid damage to the turf.

Do not apply during periods of frost or when rain is expected within 12 hours.

Repeat applications of PRIMO MAXX may be made as soon as the turf resumes growth or more suppression is desired, but do not apply more than 16 l/ha per year.

### **Mowing**

Generally, PRIMO MAXX provides more suppression when turfgrasses are maintained at lower mowing heights. To minimize possible turf discoloration, apply PRIMO MAXX then wait 4 hours before mowing or mow first, wait at least 1 hour, then apply PRIMO MAXX.

### General Maintenance

Areas treated should continue to receive regular good maintenance practices including irrigation, fertilization, weed, disease and insect control when necessary and as recommended for quality turf.

### Rates of use

Apply PRIMO MAXX in sufficient carrier (300 – 1000 litres of water per hectare or equivalent) to provide uniform and thorough coverage of turfgrass foliage.

### RECOMMENDED APPLICATION RATES<sup>1</sup>

Grass Species	Situation of Use		
	Golf / Bowling green	Fairway type turf (cut at < 18 mm)	Sports field / Out field (cut at >18 mm)
Bent / Fescue /Meadow grass mix (Agrostis / Festuca / Poa sp mix)	0.4 l/ha <sup>2</sup>	1.6 l/ha <sup>2</sup>	2.4 l/ha <sup>2</sup>
Perennial ryegrass ( <i>Lolium perenne</i> )	-	2.4 l/ha	3.2 l/ha

<sup>1</sup> These rates should provide up to 50% suppression of turf growth under good growing conditions for 4 weeks with minimal yellowing.

<sup>2</sup> Where yellowing of *Poa annua* is a concern, use half this rate.

### MULTIPLE APPLICATIONS

Multiple applications of PRIMO MAXX can be made each growing season to provide season long growth suppression, but do not exceed a total of 16 l/ha per year.

### MIXING AND SPRAYING

PRIMO MAXX may be applied with knapsack sprayers, hand sprayers, boom sprayers and spray-gun application devices. Ensure that the sprayer or other applicator is clean and calibrated to give the correct volume and an even application. Add half of the required water to the sprayer. Add the required amount of PRIMO MAXX and then the remaining water and begin agitation. Thoroughly wash all spraying equipment immediately after use. The diluted product must be used on the day of mixing.