



PrimoMaxx II[®]

syngenta[®]

Product registration number: MAPP 17509 PCS 05401

A soluble concentrate (SL) formulation containing 116.4g/litre trinexapac-ethyl.
For use as a plant growth regulator on amenity areas, managed amenity turf and amenity grassland.



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

PRIMO Maxx II[®]

FOR PROFESSIONAL USE ONLY

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

A soluble concentrate (SL) formulation containing 116.4 g/litre trinexapac-ethyl.

Warning

May cause an allergic skin reaction.

Harmful if inhaled.

Toxic to aquatic life with long lasting effects.

Keep out of reach of children

Avoid release to the environment.

Wear protective gloves/protective clothing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.

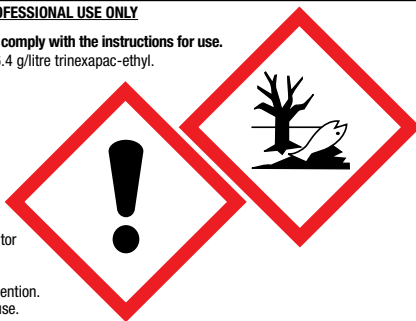
IF ON SKIN: Wash with plenty of soap and water.

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



MAPP 17509 PCS No. 05401

Approval Holder and UK Marketing Company

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In case of toxic or transport emergency ring 0044 (0) 1484 538444 any time (24HR).

PROTECT FROM FROST. SHAKE WELL BEFORE USE.

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



The
Voluntary
Initiative

Product names marked ® or ™, the ALLIANCE FRAME logo, the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

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 year: 16 litres product/hectare/year.

Other Specific Restrictions:

A minimum interval of 7 days must be observed between applications.
No more than 28 applications must be carried out on managed amenity turf and amenity grassland per year.

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.

SAFETY PRECAUTIONS (references to COSHH apply to the UK use only)

(a) Operator protection

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

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate or handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH HANDS AND EXPOSED SKIN before meals and after work.

(b) Consumer protection

NOT TO BE USED ON FOOD CROPS

(c) 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 hard surfaces and roads).

(d) 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.

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 II® 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.

In the absence of adequate nutrition the reduction in grass growth produced by PRIMO MAXX II may be favourable to the development of red thread disease.

Grass species

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

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.

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 II. Any signs of damage are only temporary..

DIRECTIONS FOR USE

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

PRIMO MAXX II can be used on well maintained quality sports turf including golf course greens, green surrounds, tees and fairways. Application of PRIMO MAXX II is also permitted on bowling greens and tennis courts as well as winter sports pitches, cricket outfields and polo fields. The use of PRIMO MAXX II is extended to cemeteries, parks and similar areas down to turf. PRIMO MAXX II can only be applied to home and ornamental lawns by a professionally qualified operator. Management of difficult to mow areas, such as sloping ground, and to minimise the need for edging turf along pavements and flower beds are other areas of use for PRIMO MAXX II.

PRIMO MAXX II reaches the growing point through the foliage and it is not washed off by rainfall or irrigation 1 hour after application. Watering-in is not required. For best results PRIMO MAXX II 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 II applications.

CROP SPECIFIC INFORMATION

How PRIMO MAXX II works

The active ingredient in PRIMO MAXX II, 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 II does not control dicotyledonous weeds in turf and these should be controlled as part of a normal turf maintenance programme.

Turf grasses absorb trinexapac-ethyl very rapidly and it is rainfast 1 hour after application. Do not apply to bare ground since PRIMO MAXX II is absorbed through the foliage.

At the recommended rate, on turf cut at 12 mm or more, 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. Responses on fine turf (cut at up to 6mm) will be less.

Timing

Apply PRIMO MAXX II 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 II. Do not treat turf under stress from lack of soil moisture, as damage may occur.

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

Do not apply during periods of frost or when rain is expected within 1 hour.

Over-Seeding

When using PRIMO MAXX II as part of an over-seeding programme the product should be applied 3-5 days prior to sowing. Subsequent applications of PRIMO MAXX II after over-seeding should not begin until 80-90% grass cover is restored.

Re-Seeding

When using PRIMO MAXX II as part of a re-seeding programme applications can begin at 80-90% ground cover.

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 II in sufficient water (300 – 1000 litres water per hectare) to provide a uniform and thorough coverage of the turfgrass foliage, using a MEDIUM spray quality (as defined in the BCPC classification scheme).

No significant effect of PRIMO MAXX II is expected on existing broad-leaved plants in the area to be treated. However, avoid application over areas with desired plants (ornamental flower beds etc.)¹

RECOMMENDED APPLICATION RATES¹

Grass Species	Situation of Use		
	Golf / Bowling green	Tees and 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 ²	1.6 l/ha ²	2.4 l/ha ²
Perennial ryegrass (<i>Lolium perenne</i>)	-	2.4 l/ha	3.2 l/ha

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

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

PRIMO MAXX II use rates may need to be reduced by 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.

USE OF PRIMO MAXX II WITH LINE MARKING AGENTS

PRIMO MAXX II can extend the duration of marking visibility when applied before or with line marking agents.

Before line marking: Apply in 300 – 1000 litres water per hectare, using the dose of PRIMO MAXX II appropriate to the situation as detailed under 'RECOMMENDED APPLICATION RATES'¹

Marking paint mix: Mix PRIMO MAXX II with water first when combining with latex-based marking agents.

Refer to the marking agents product label for further instructions. Apply PRIMO MAXX II at a rate of 2ml per litre of marking paint mix

MULTIPLE APPLICATIONS

Multiple applications of PRIMO MAXX II can be made each growing season to provide season long growth suppression, but do not exceed a total of 16 litres of product per hectare per year.

MIXING AND SPRAYING

PRIMO MAXX II 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 II 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.

For further information please see www.greencast.co.uk or www.greencast.ie
