


PRIMO MAXX

Soluble concentrate formulation containing 121g/l (11.3% w/w) trinexapac-ethyl

FOR USE ONLY AS A HORTICULTURAL PLANT GROWTH REGULATOR

For use as a plant growth regulator on amenity areas, managed amenity turf and amenity grassland.

 <p>DANGEROUS FOR THE ENVIRONMENT</p>	<p style="text-align: center;"><u>FOR PROFESSIONAL USE ONLY</u></p> <p>To avoid risks to man and the environment, comply with the instructions for use.</p> <p><u>Risk and safety Information</u> Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p> <p>Keep out of reach of children. Keep away from food drinks and animal feeding stuffs Avoid contact with eyes If Swallowed seek medical advice immediately and show this container or label This material and its container must be disposed of in a safe way Avoid release to the environment</p> <p style="text-align: right;">PCS No:02273</p>
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<p>Authorisation Holder Syngenta Crop Protection UK Ltd CPC 4, Capital Park, Fulbourn, Cambridge CB21 5XE 0044 (0) 1223 883400</p>	<p>Marketing Company Syngenta Ireland Ltd Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford Tel 051377 203</p>	<p>Net contents Product code / Print date / xxxxxx Batch Number</p>
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PLEASE SEE ACCOMPANYING LEAFLET FOR PRODUCT USE DETAILS.

**IN CASE OF TOXIC OR TRANSPORT EMERGENCY RING +44 (0)1484 538444
ANYTIME (24HR).**

*PROTECT FROM FROST
SHAKE WELL BEFORE USE*

Accompanying Leaflet– PRIMO MAXX

For use as a plant growth regulator on amenity areas, managed amenity turf and amenity grassland.

CROP	Max individual dose	Max total dose	Water Volume
Managed amenity turf and amenity grassland	3.2l/ha	16l/ha	300-1000l/ha

Additional Safety Information.

When using do not eat drink or smoke
WASH HANDS AND EXPOSED SKIN before meals and after work.
NOT TO BE USED ON FOOD CROPS
HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container

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.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place
WASH OUT CONTAINER THOROUGHLY and dispose of safely

Product / ha	Area treated (ha) per litre product				
	1 litre	2 litres	3 litres	4 litres	5 litres
3.2 litres	0.3125	0.625	0.9375	1.25	1.5625
1.6 litres	0.625	1.25	1.8750	2.5	3.125
0.8 litres	1.25	2.5	3.75	5	6.25
0.4 litres	2.5	5.0	7.5	10	12.5

GENERAL INFORMATION

Soluble liquid formulation containing 121g/ litre trinexapac-ethyl.

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.

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.

Do not graze treated area or feed clippings from treated area to livestock.

DIRECTIONS FOR USE

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.

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.

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.

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 / newly laid turf

APPLICATION 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

The area to be treated may be mown either 24 hours before treatment, or 24 hours after treatment. Do not apply within 12 hours of mowing. Collected clippings should not be composted or used as a mulch as their safety for use on desired plants has not been assessed.

APPLICATION

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

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. Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse the spray tank, boom and nozzles two or three times with clean water until the foam and all traces of the formulation have been removed. The diluted product must be used on the day of mixing.

RECOMMENDED APPLICATION RATES*

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 (<i>Agrostis</i> / <i>Festuca</i> / <i>Poa</i> sp mix)	0.4 l/ha [#]	1.6 l/ha [#]	2.4 l/ha [#]
Perennial ryegrass (<i>Lolium perenne</i>)	-	2.4 l/ha	3.2 l/ha
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.			

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

[#] Where yellowing of *Poa annua* is a concern, use half this rate.

NOTES

Do not use on newly sown turf.

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.

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.

Grass species

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

As some discoloration 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