



2009
NEW
RENOVATION PROGRAMME RECOMMENDATIONS



Making good turf
great



Primo MAXX for Winter Sports Pitches



Primo MAXX[®] is a new generation of plant growth regulator (PGR) that, when used as part of your overall turf maintenance program, will help to encourage stronger, healthier grass plants and produce better playing surfaces.

Better Turf Quality

Primo MAXX regulates vertical grass growth and promotes a high quality, dense sward of healthier turf for improved playing conditions. Primo MAXX treated plants divert energy and resources normally used for vertical leaf growth into side shoots and the root system.

Treated turf therefore has a bigger and healthier root system which helps the plant to resist the effects of drought, turf stress and wear. Due to less vegetative growth there will be fewer clippings and a noticeably cleaner cut.

The MAXX formulation advantage

The MAXX formulation has been specifically designed for turf.

- **Very safe to turf**
- **Very stable in the tank**
- **An easy to use liquid formulation**
- **Has flexible application rates for all turf surfaces**
- **Compatible and easily mixable with other products**
- **Increases and enhances product uptake**

Tank mixing and nutritional input

Consistent healthy turf growth normally requires nutritional input. To get the best effects with Primo MAXX fertiliser should always be applied to maintain root zone nutrition adequate for healthy turf growth. A tank mix with an appropriate liquid fertilizer eliminates the need for separate applications.

Primo MAXX is physically compatible with liquid fertilisers and nutrients. For other tank mixes, including herbicides and fungicides, consult your technical advisor before application.

Shaded areas

Grass plants growing in shaded areas create more gibberellic acid in an attempt to reach the light – resulting in tall, etiolated growth. Primo MAXX applications suppress gibberellic acid production, to minimise these effects, creating a denser healthier surface. A Primo MAXX programme may be successfully used in conjunction with lighting rigs to maximise turf quality.

Application Program Rates and Timing

Primo MAXX applications can start as soon as consistent grass growth commences, when air and soil temperatures average 8° C – 10° C or above for an extended period of time (e.g. more than five consecutive days). Stadiums and urban pitches may encounter extended growing seasons, especially those with undersoil heating installed.

General guidelines for Primo MAXX application.

Adjust rates and timing according to seasonal conditions.

Mid – late April	May	June	July	Aug-Sept	October
0.8 l/Ha	0.8 - 1.2 l/Ha	0.8 - 1.6 l/Ha	0.8 - 1.6 l/Ha	0.8 - 1.6 l/Ha	0.8 l/Ha
Apply Primo MAXX in a water volume of 300 - 1000 l/Ha, using a medium spray quality. Lower water volume will increase work rates and thus improve timeliness of applications.					

Apply Primo MAXX every 4 – 6 weeks depending on growth and environmental conditions. Use the lower application rate (0.8 l/Ha) for the first application, to condition turf at the start of the Primo MAXX programme. Primo MAXX application rates should be tailored to specific seasonal growing and weather conditions. As temperatures fall in the autumn and growth slows, make the season's final application of Primo MAXX at the lower rate of 0.8 l/Ha.

Primo MAXX renovation programme

STRI trials have shown Primo MAXX can significantly improve results with pitch renovation and over seeding programmes, to reduce competition from existing turf and encourage stronger establishment of deeper rooted seedlings, to get pitches back in play faster and in better condition for the winter season.

Timing	Pre-Renovation	Seedling establishment	Grow in	Turf development	Final application
	April	June	July	Aug - Sept	Oct*
Guideline rates	0.8 l/ha	0.8 l/ha	0.8 – 1.2 l/ha	0.8 – 1.6 l/ha	0.8 l/ha
* On heated sports turf pitches Primo MAXX applications may be extended, with rates tailored according to seasonal conditions and turf growth.					

Concert preparation

Primo MAXX has been successfully used, at sports grounds around the UK, as part of a programme to strengthen turf and aid recovery after staging concerts. Applying Primo MAXX prior to a concert helps the grass plant to survive being covered by flooring for up to 10 days, and recover faster from any signs of yellowing and etiolated growth when the covers are lifted.

The pre concert advice is to apply a Primo MAXX programme for 8 - 12 weeks prior to the event at 0.8lt -1.6l/Ha depending on time of year and growth rate of grass, along with the normal fertiliser input. The final application should be made 5 - 10 days prior to the flooring being laid. HERITAGE fungicide should also be applied in the final application to give protection from fungal disease.

An appropriate liquid fertiliser should be applied as soon as the floor cover is lifted after the concert. The Primo MAXX programme should start again 3 - 4 weeks after the flooring comes off, allowing the turf to recover and any over seeding to become established.



Primo MAXX is a new generation of plant growth regulator (PGR) that encourages stronger, healthier grass and produces better playing surfaces.

The easy-to-use Primo MAXX programme makes for easier management and maximum play.

- **Improved winter sports pitch turf quality**
- **Reduced leaf growth for easier mowing**
 - **Enhances over seeding success**
- **Denser sward reduces damage and aids recovery**



Primo MAXX – available in an easy-to-use 5 litre pack.
Pack Coverage 1.56 to 12.5 Ha depending on rate used.
Water volume 300 to 1000 l/Ha.
Also available in 500 ml packs.



ALWAYS READ THE LABEL. USE PESTICIDES SAFELY.

PRIMO MAXX contains trinexapac-ethyl (MAPP 13374, PCS 02273), HERITAGE contains azoxystrobin (MAPP 13536, PCS 02092)
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