

Green Lawnger®

The complete agronomic turfgrass colourants package from BASF.



- High concentration pigment based turfgrass colourants
- Contain ColorLock technology to ensure long lasting effect
- Natural green and dark green colour
- Agronomic colourants improving turfgrass quality

 **BASF**

The Chemical Company

Green Lawnger® PRO HC



Features

- ✓ Long lasting formulation, lasts up to 6 weeks
- ✓ Tank mixable with a wide range of plant protection products
- ✓ Contains ColorLock resin technology to ensure strong leaf adhesion
- ✓ Natural green colour

Benefits

- ✓ Increases turf quality and playability during periods of slow growth
- ✓ Increases turf colour in the autumn, winter and spring
- ✓ Superior spray pattern indicator performance
- ✓ Instant improvement to the turf appearance
- ✓ Creates a natural looking appearance to turf

Green Lawnger® Pro HC is a revolutionary visual spraying aid and turf colourant that contains natural pigments (not dyes).

Once applied to the leaf, the pigment technology in **Green Lawnger® Pro HC** provides instant green up and increases solar radiation into the leaf and on the surface of the turf. This results in increased soil and surface temperatures, creating a more desirable microclimate for growth. The plant is able to absorb more usable light, increasing the plant's photosynthesis rate and metabolism in periods of slow growth.

Applying **Green Lawnger® Pro HC** in the autumn, winter and spring increases radiation absorbance and decreases reflectance, meaning increased photosynthesis. The UV resistant formulation allows the product to last for up to 6 - 8 weeks in periods of slow growth.

Green Lawnger® Pro HC has been assessed as a spray pattern indicator and can be combined with a wide range of plant protection products.

Areas of use

Green Lawnger® Pro HC can be used on any type of turfgrass. **Green Lawnger® Pro HC** should not be used on sports turf where impact sports are played e.g. football or rugby, in these situations **Green Lawnger®** should be used.

Application information

Apply at 1.2L / Ha in a minimum of 300 litres of water. Water volume can be increased depending on turf height and colour effect required.

Half fill the spray tank and begin agitation, add the required amount of **Green Lawnger® Pro HC** and other tank mix components. Fill the remainder of the tank to required water volume ensuring all components are mixed fully.

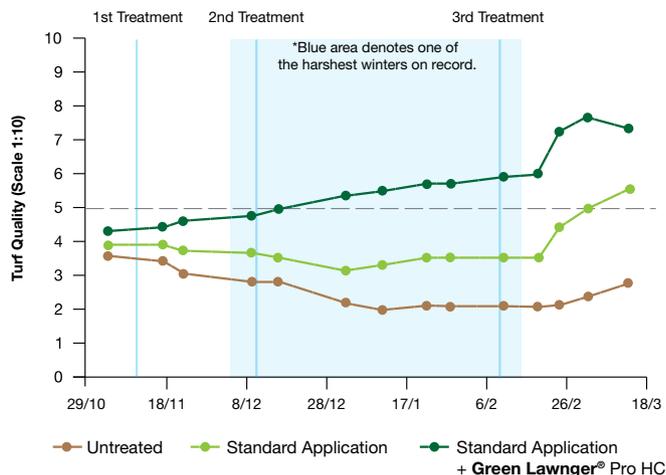
Trials Data

Over the winter of 2010 – 2011, the applications of **Green Lawnger® Pro HC**, combined with standard winter turf management programmes, were assessed for turf quality by the STRI, Bingley, UK.

The assessments were made at regular intervals over a period of four months, through one of the harshest winters. The first two treatments were applied at four week intervals starting in October 2010, followed by a further application in February 2011.

The summary shows turf quality was improved by the application of **Green Lawnger® Pro HC**.

Green Lawnger® Pro HC - Winter Turf Management Programme



Green Lawnger® TR



Features

- ✓ Long lasting formulation, lasts up to 4 weeks
- ✓ Contains ColorLock resin technology to ensure strong leaf adhesion
- ✓ Easy to spray formulation
- ✓ Dark green colour

Benefits

- ✓ Promotes early spring growth / green up of cool season grasses
- ✓ Helps extend turf growth in the autumn and winter
- ✓ Accelerates spring thaw of snow and ice
- ✓ Creates a uniform dark green sward during the winter months
- ✓ Liquid over seeding

Green Lawnger® TR is a pigment based turf colourant that is used to improve turf quality in winter and early spring and can be used as an alternative to the winter overseeding of warm season grasses.

The mix of black and green pigments in **Green Lawnger® TR** allows increased absorption of solar radiation to the applied surface, increasing surface temperatures. This effect, combined with the dark green colour, can extend the playing season in winter and allow early play and improved turf quality in the spring.

Green Lawnger® TR can also be applied to snow and ice covering turf to accelerate thawing.

Used as an alternative to winter overseeding applications **Green Lawnger® TR** give a pleasing dark green appearance to the dormant or semi dormant warm season grass, without the cost or damaging impact of tradition overseeding practices.

Areas of use

Green Lawnger® TR can be used on any type of turfgrass. **Green Lawnger® TR** should not be used on sports turf where impact sports are played e.g. football or rugby, in these situations **Green Lawnger®** should be used.

Application information

Apply at 2.5L / Ha in a minimum of 300 litres of water. The amount of **Green Lawnger® TR** and water volume can be increased depending on turf height and colour effect required.

Half fill the spray tank and begin agitation, add the required amount of **Green Lawnger® TR**, fill the remainder of the tank to required water volume, ensuring components are mixed fully.

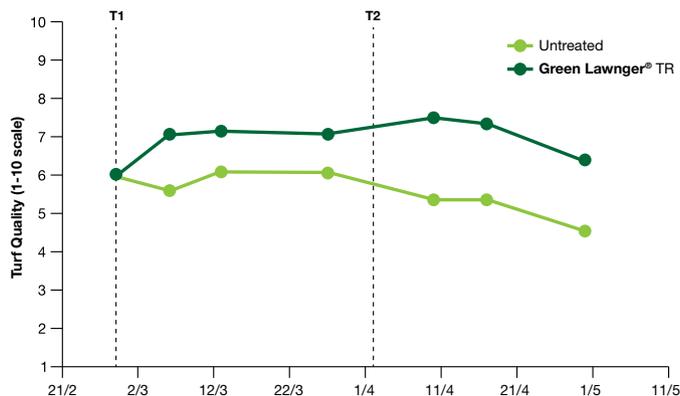
Trials Data

Over the winter of 2011 – 2012, an application of **Green Lawnger® TR** was assessed for turf quality by the STRI, Bingley, UK.

The assessments were made at regular intervals over a period of two months, a total of two treatments were made at 4 week intervals.

The summary shows turf quality was improved by the application of **Green Lawnger® TR**.

Green Lawnger® TR - Chlorophyll Index



Green Lawnger®



Features

- ✓ Long lasting formulation, lasts up to 18 weeks
- ✓ Contains ColorLock resin technology to ensure strong leaf adhesion
- ✓ Natural green colour

Benefits

- ✓ Instant green up
- ✓ Flexible rate to achieve colour required
- ✓ Long lasting divot mix / sand colourant

Green Lawnger® is the original turf and divot mix colourant.

Green Lawnger® is the only choice turf colourant for use on stadia sports turf or for areas of use where an instant green up is required and impact sports are played.

Once applied, the high amount of resin ensures that the green pigment sticks to the leaf and is not transferred to skin or clothing.

Green Lawnger® has been used extensively to colour pitches at the world's leading sports venues.

Areas of use

Green Lawnger® can be used on any type of turfgrass and as a divot mix / sand colourant.

Application information

Apply at 33 – 100L / Ha in a water volume of 700 – 2,000L depending on colour effect required. For stadia application two or more treatments are recommended to ensure an even visual application.

For divot mix and sand colourant applications use 200ml **Green Lawnger®** to colour 50kg of mix, the water volume and rate should be adjusted to achieve colour effect and coverage required.

Summary: BASF Turf Grass Colourants



Green Lawngr®



**Green Lawngr®
Pro HC**



**Green Lawngr®
TR**

Use	Turfgrass Colourant	Visual Spray Application Aid and UV-resistant Turf colourant	High Concentrate Dark Turfgrass colourant
Longevity	Up to 18 weeks	Up to 6 weeks	Up to 4 weeks
Spray pattern Indicator	No	Yes	No
Turf Colourant	Yes	Yes	Yes
Impact sports turf colourant	Yes	No	No
UV Absorbing Technology	Yes	Yes	Yes
Divot Mix	Yes	No	No
Over seed alternative	Yes	No	Yes
Colour	Natural green	Natural green	Natural dark green

Green Lawngr®

The complete agronomic turfgrass colourants package from BASF.



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Green Lawngr® is a registered trademark of BASF. Always read the product information before use.

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