



FACTFILE

Photon – Turf Colourant



A high definition turf colourant that includes two new features, a UV Absorber and Optical Brighteners

UV Absorber – Ultraviolet light

Ultra violet light is found naturally in sunlight and has a shorter wavelength than visible light and due to this it carries more energy, which in some instances can be harmful (e.g. sunburn, causing skin melanoma).

Photon contains a UV absorber, which retains the UV energy at the turf surface in the form of heat and will therefore increase temperature at a micro level.

Optical Brighteners

Optical brighteners refract the light wavelengths that degrade the coloured pigment in Photon, enhancing both aesthetic appearance and length of performance.

Application Considerations

Photon can be used as a permanent green turf paint as it will provide uniformity of appearance and assist in the disguising of damage due to stress, mechanical or disease scars etc.

Application Rate	Water Volume	Area
2.5 litres	300 – 400 litres	1 hectare

Applied when solar radiation (sunlight) is at a premium can result in both an earlier growing season and an extended autumn period as it can reduce the onset of winter dormancy.



Benefits & Features

- * Specially developed for use on turfgrass
- * Helps to increase grass surface temperature
- * Restores natural green colour to discoloured or damaged turf
- * Last up to 3 months, dependent upon mowing regimes and climate conditions
- * Gives grass a healthy appearance for prestigious events
- * Can be used to colour divot mixtures
- * Safe and easy to use – non hazardous

Directions For Use

The quantity of product is dependent on the required effect and the coverage will depend on the type and condition of the grass being treated.

1. Before application cut turf to desired height.
2. Half fill sprayer tank with clean water.
3. Start agitation and add required quantity of product
4. Use 2.5 litres of product in 300-400 litres of water for normal turf applications.

Product Detail

Contains UV Absorber and Optical Brighteners
 Pack Size 1 litre
 RT Product Code 0422640/01



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