

Vision Pro™ for Improved Turf Growth

Vision Pro™ is a new, revolutionary turf colourant that contains natural green pigments. Vision Pro contains natural green pigments which lasts for up to 8 weeks in periods of slow growth and does not appear artificial. Many leading golf courses in the United States and Europe have been spraying Vision Pro on greens and fairways in winter months with outstanding results.

Vision Pro will create an instant healthy looking sward. The natural pigment technology in Vision Pro has the added advantage of increasing solar radiation, which increases soil and surface temperatures and creates a more desirable microclimate for growth.

The pigment and Color Lock™ technology in Vision Pro physically coats the leaf tissue and changes turf colour from a light yellow to a dark green. This helps increase the solar radiation around the grass plant, which provides a healthier plant by increasing the photosynthetic and metabolic rate in transitional and dormant periods.

The concept

Light coming into contact with objects (including grass) can either be reflected, transmitted or absorbed.

By applying Vision Pro in the autumn, winter and spring the reflectance of light decreases and radiation absorbance increases which optimises photosynthetic activity (figure 1a and 1b).



Fig 1a

Fig 1b

Figure 1a and 1b . Vision Pro instantly changes the leaf from a light green (1a) to a dark green (1b). This allows the plant to absorb more radiation in periods of low light.



Figure 2. Vision Pro being applied to drought conditions to restore the turf's natural colour.



Figure 3. A late autumn application of Vision Pro instantly restores turf colour which will last for up to 8 weeks.

Areas of use

Vision Pro can be used on managed turf areas such as golf greens, tees, bowling greens and racecourses.

Features

- Long lasting UV resistant formulation - up to 6 - 8 weeks longevity
- Low use rate – 1.2L/ ha
- Easy to use non clogging formulation
- Contains Color Lock technology
- Independently evaluated by STRI (UK)
- Extensively used in plant protection programmes in North America
- Can be used all year round

Benefits

- Increases turf quality and playability during periods of slow growth
- Increases turf temperature and colour in the autumn, winter and spring
- Instant improvement to the turf appearance
- Creates a natural looking turf appearance

Application information

Apply at 1.2 L/ha in a minimum of 300 - 600 litres of water. Fill the spray tank half to two thirds the total volume of water and begin agitation. Allow Vision Pro to fully disperse into the mix solution before adding additional products. Fill the remainder of the spray tank with water to the desired volume.