

In Turf

THE COMPANY is launching a new soil conditioner for golf and sports turf applications. Called TerraCottem Turf, it uses a combination of over 20 hydroabsorbent and nutritive components to improve soil quality and water retention significantly, says In Turf.

Parent product TerraCottem Universal has been used in horticulture for the past 15 years worldwide with some take-up by turf users. Researchers have now come up with a product specifically for the turf industry

Central to this new formulation's is the addition of zeolite, a 100 percent natural volcanic mineral that helps increase fertility and water retention. Zeolite is renowned for its very high Cation Exchange Capacity, the ion

exchange between the soil and soil solution that represents the soil's ability to hold onto nutrients and prevent them from leaching beyond the roots. The inclusion of 42 percent zeolite with a CEC range of 150 to 180meq/100g, together with 31 percent high-CEC hydroabsorbent copolymers, ensures the CEC levels of soil treated with TerraCottem Turf are far higher than normal.

The product's benefits are boosted by the inclusion of humic acid, which has a positive affect on soil structure, water retention capacity, drought-stress resistance, plant element-absorption and microbiological activity. Though found naturally in soil, its presence is limited – particularly in the sandy rootzones common to sports turf. Supplementing the product

with over 18 percent humic acid helps the sward make better use of nutritive elements and, in turn, promotes better grass growth.

Both laboratory testing and plot trials at Waregem Golf Club in Belgium have confirmed that the chosen humic acid in TerraCottem Turf produces the best possible results on root development, establishment weight, cover and grass colour. In pre-launch trials the selected humic acid produced an increase of 25 percent in fresh-weight root production over the control.

BTme Harrogate



New soil conditioner

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