Golf Course 2030
Project Outline

Project Title
Sustainable Agronomy: alternative methods for dollar spot management on sand-based putting greens

Project Duration
2022-2024

Description
In a context of climate uncertainty and tightening laws on the use of pesticides, fungicides and insecticides at the EU level. The need for innovation in the area of agronomy has never been stronger. This project holds at its core the ambition to find long-term practicable solutions which would be able to co-exist with bans on phytosanitary products and conventional plant care products.

After a year of on-site research on one testing putting green in Wallonia (Belgium) and some promising results, the project aims to find way to maintain the natural balance of the soil such that the pathogens are kept in a zone of "non-development". The research seeks to evaluate the efficiency of various pesticide-free approaches against Dollar Spot (Clarireedia sp.) testing natural-based substances alongside inorganic and organic amendments to reinforce the plant immunology and fight bio-aggressors on maintained sand-based putting greens.

The research tests a variety of active substances in field conditions to explore the potential of increasing the focus on soil agronomy and soil-plant synergies when implementing integrated pest management strategies.

Through trials, data analysis, detailed reports, publications, education and a published handbook on the subject this project will further advance industry knowledge and bring actionable solutions to disease management.

Project Led By
Association Francophone Belge de Golf

Project Supported By
Swiss Golf

Danish Golf Union

AFGolf

Royal Netherlands Golf Federation

FFGolf

Golf Vlaanderen

Science and Technology Aarhus Universitet (DK)

The project is aligned with the GC2030 theme(s) of:
Sustainable Agronomy

Resources