

**Increases soil fertility and leaf and root growth in fields**



CASE STUDIES

**Background**

In February 2019, the company  **ficosterra** requested that the Madrid Institute for Rural, Agrarian, and Food Research and Development (IMIDRA) carry out tests on different types of lawns and soils to measure the effectiveness of the biostimulant **ficosturf**<sup>®</sup>.

**ficosturf**<sup>®</sup> is a natural product, certified by SHC, without chemical additives, which applies BCB (Biological Crop Booster) technology that combines beneficial microbial complexes in an optimal culture of agarophyte algae extract whose main function is the digestion of organic matter and the release of nutrients provided by fertilization and/or blocked by the soil, making them more easily assimilated by the grass and improving its color and health.



**Objectives pursued:**

**1**

Increase in the availability of nutrients

**2**

Increase in the percentage of organic matter

**3**

Root growth

**4**

Reduction of fertilization and its impact on the environment

## Test description



Place: Fields of IMIDRA Alcalá de Henares, Madrid



Study dates: May - November 2019



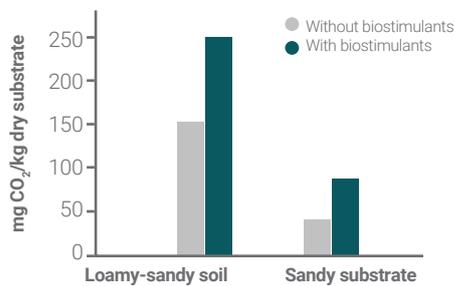
Product consumption: seventy liters in two applications



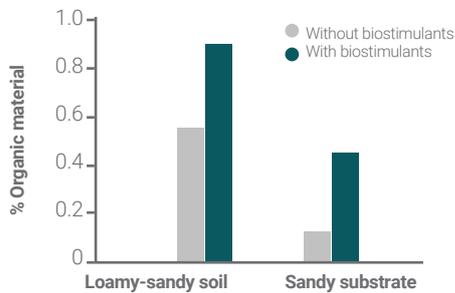
Chipping Green area: 4 experimental plots of 4.5m<sup>2</sup>: two treated and two control. Pattern Mix. Fescue + Lolium + Poa

## Results obtained

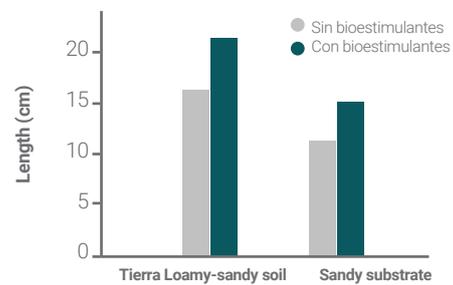
### Increased microbial activity



### Increase in the percentage of organic material



### Significant increase in root length



#### With Ficosturf application



#### Without Ficosturf application



## Benefits of ficosturf®



Increase in economic benefits due to increased production



Improvement of crop efficiency, reinstating soil microbiota



Respect for the environment when applying an ecological product that helps sustainability



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