

MICRO-ORGANISM PROMOTING PHYSIOLOGICAL AND QUALITATIVE DEVELOPMENT IN THE HORTICULTURAL SECTOR

ALMA MATER STUDIORUM-UNIVERSITY OF BOLOGNA



The invention concerns a new type of prokaryotic microorganism and its use in agriculture as an effective but also completely natural plant biostimulant, with a view to sustainable agriculture.

Protection: Italy, with possibility of international extension

Inventors: Francesca Gaggia, Elia Pagliarini, Diana Di Gioia

INVENTION

In agriculture, the use of biostimulants has been widespread. However, many commercially available products require the concomitant use of other formulations, such as insecticides, fungicides and/or nematicides. With a view to sustainability, the invention concerns a new prokaryotic microorganism used as a biostimulator of the physiological and qualitative development of plants, characterised by low production costs and a fully biological nature.

ADVANTAGES

- Reduction or elimination of chemical fertilisers;
- Reduced preparation time;
- No associated chemical processes required (e.g. for the extraction of organic/vegetal compounds);
- Low production costs
- Increased yield of horticultural and floricultural crops.

APPLICATIONS

- Soil fertility
- Agriculture
- Horticulture and floriculture

CONTACTS

Knowledge Transfer Office

www.unibo.it/brevetti

+39 051 20 80 735

+39 051 20 80 741

kto@unibo.it



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA