

**SMART ROTATIONS** is a range of mycorrhizal fungi and plant growth promoting rhizobacteria products formulated and tested in the UK to increase **soil health and improve plant efficiency** at uptaking nutrients & water

## POTATO response to SR3

**9%** average yield uplift with SR3 on four varieties of potatoes with an increase in marketable potatoes of **8%**

SR3 was applied on four varieties of potato: Maris Piper, Desiree, Picasso, and Marfona. Applied early May, sprayed directly to the ground. Randomised control digs were undertaken at time of harvest.

Net uplift £537.25/ha for dual application and £557.25/ha for single application based on average yield of potato of 45t/ha [John Nix, 2020], product costs £20/ha and spray application costs of £10/ha.

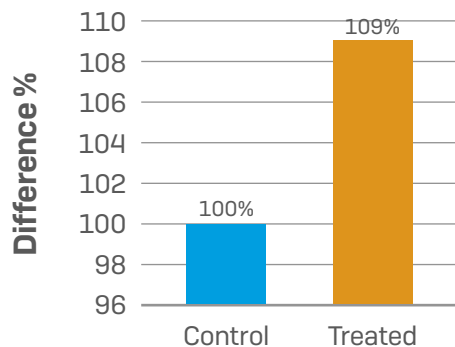
WINTER WHEAT

COVER CROP

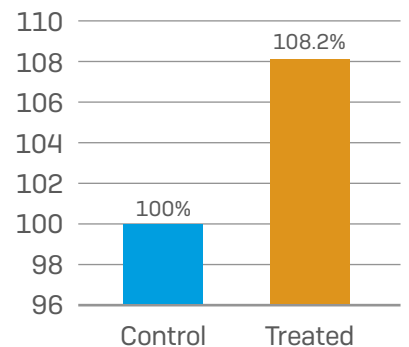
SR3

POTATO

Potato TOTAL yield difference between treated and control plots



Potato MARKETABLE yield difference between treated and control plots



**SMART ROTATIONS** products are manufactured by PlantWorks Ltd, the UK's only mass producer of mycorrhizal fungi & PGPR. Your resource for BioFertilisers, advice & science.

### SMART ROTATIONS SR3

*Potato & Carrot Plant Growth Promoting Rhizobacteria (PGPR)*

The product comes in 5 hectare units at an average cost of £20/ha and is available from all major agronomic suppliers.

