



**SR3 Oats treats 5 Hectares**

Tailored bacteria to improve oats production



SR3 Oats comprises three species of Plant Growth Promoting Rhizobacteria (PGPR) and a special organic biostimulant that encourages microbial multiplication.

The biology in SR3 has been carefully selected for its beneficial effects and vigorously tested in oats production.

SR3 Oats contains naturally occurring bacteria and biostimulant approved for restricted use in Organic Systems, in compliance with **OF&G Standards**.

**Product Application:**

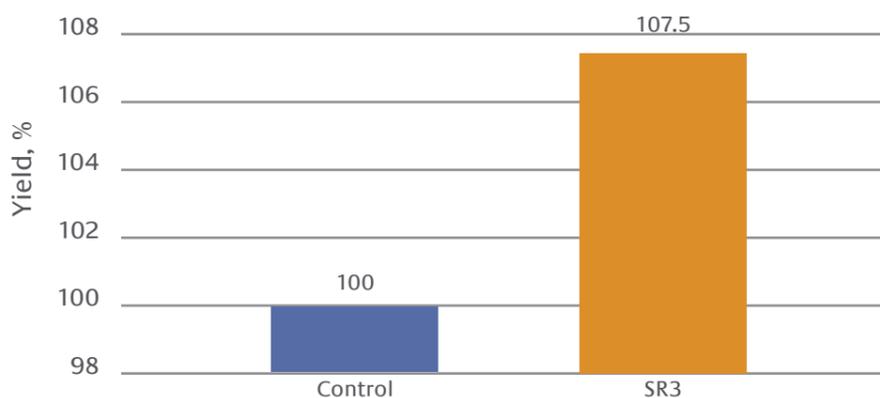
The product is supplied in a liquid form, comprising three 50ml sterile pouches of inoculum and a one litre bottle of plant derived biostimulant.

Suitable for application with standard spray equipment at a recommendation of 200L of water per hectare. Select nozzle and low-pressure settings to achieve a coarse to medium spray for maximum soil coverage.

SMART ROTATIONS is a range of Mycorrhizal Fungi and Plant Growth Promoting Rhizobacteria products formulated and tested in the UK to improve soil health and increase plant efficiency at uptaking nutrients & water.

**7.5% average increase in oats yield**

Percentage difference of yield between untreated area vs SR3 treated areas



**£33/ha Profit from SR3 application**

- All SR3 Oats treatments yielded higher than control.
- SR3 increased oats ear count.
- The bacteria within SR3 Oats have been selected to treat winter and spring oats.
- SR3 improves biological soil health over the lifetime of the plant and beyond.

**Margin Calculation Breakdown**

	Control	SR3 treated
Yield, t (John Nix, 2021)	6.3	6.75
Price, £/t (John Nix, 2021)	138	138
Income per yield, £	869.4	931.5
Cost of SR3 (£19) + spraying (£10) per ha	0	29
Profit, £	869.4	902.5
Additional profit from SR3 application, £	0	33

**Trial information:** Five trials were undertaken across three farms over two years, are presented and analysed using a statistical mixed linear model.