



**SR3 Onion & Leek treats 5 Hectares**

Tailored bacteria to improve onion production



SR3 Onion & Leek 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 onion production.

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

**Product Application:**

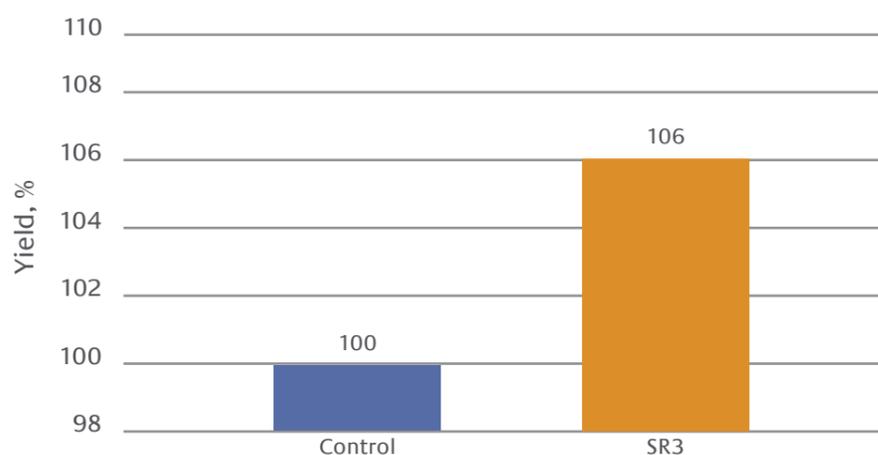
The product is supplied in a liquid form, comprising four 50ml sterile pouches of inoculum and a one litre bottle of plant derived biostimulant.

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.

**6% average increase in red onion yield**

Percentage difference of yield between untreated area vs SR3 treated areas



**£348/ha Profit from dual application**

All SR3 Onion & Leek treatments yielded higher than control.

The bacteria within SR3 Onion and Leek have been selected to treat allium family.

SR3 improves biological soil health over the lifetime of the plant and beyond.

**Margin Calculation Breakdown**

	Control	SR3 treated
Yield, t (John Nix 2021)	41	43.46
Price, £/t (John Nix 2021)	165	165
Income per yield, £	6765	7171
SR3 cost per ha, £	0	58
Profit, £	6765	7113
Additional profit from SR3 application, £	0	348

**Trial information:**  
Trial location - Cambridgeshire. SR3 Onion & Leek was applied to ground four weeks after sowing with a further application six weeks later using standard spraying equipment.