



SR3 Carrot & Potato treats 5 Hectares

SR3 Carrot & Potato comprises four 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 potato production.

SR3 Carrot & Potato 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.

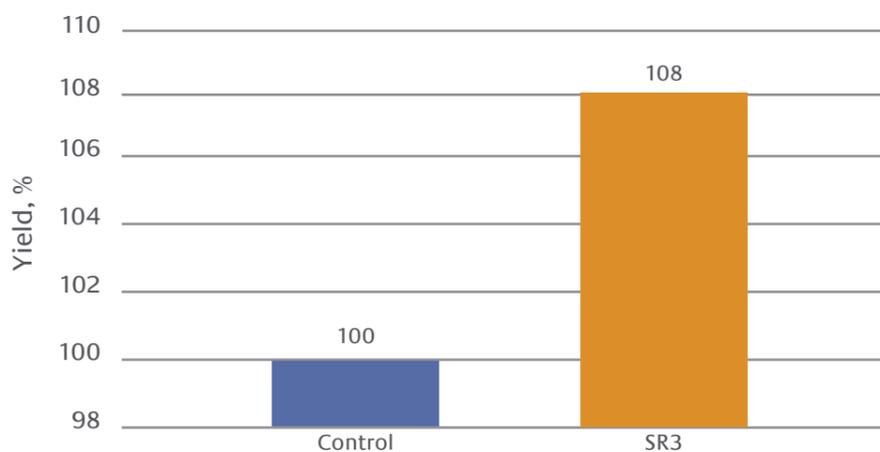
SMART ROTATIONS is a range of Mycorrhizal Fungi and Plant Growth Promoting Rhizobacteria products formulated and tested in the UK to improve soil health and increase plant efficiency at uptaking nutrients & water.

Tailored bacteria to improve potato production



8% average increase in marketable yield

Percentage difference of yield between untreated area vs SR3 treated areas



£529/ha
Profit from SR3 application

All SR3 Carrot & Potato treatments yielded higher than control.

The bacteria within SR3 Carrot & Potato have been selected to treat crops from *Solenaceae* and *Apiaceae* 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) | 45 | 48.6 |
| Price, £/t (John Nix 2021) | 155 | 155 |
| Income per yield, £ | 6975 | 7533 |
| Cost of SR3 (£19) + spraying (£10) per ha | 0 | 29 |
| Profit, £ | 6975 | 7504 |
| Additional profit from SR3 application, £ | 0 | 529 |

Trials information:
Four varieties of potato were tested: Maris Piper, Désirée, Picasso and Marfona. SR3 was applied in early May and sprayed directly to the ground.