OptiYield

Consortium-Plus

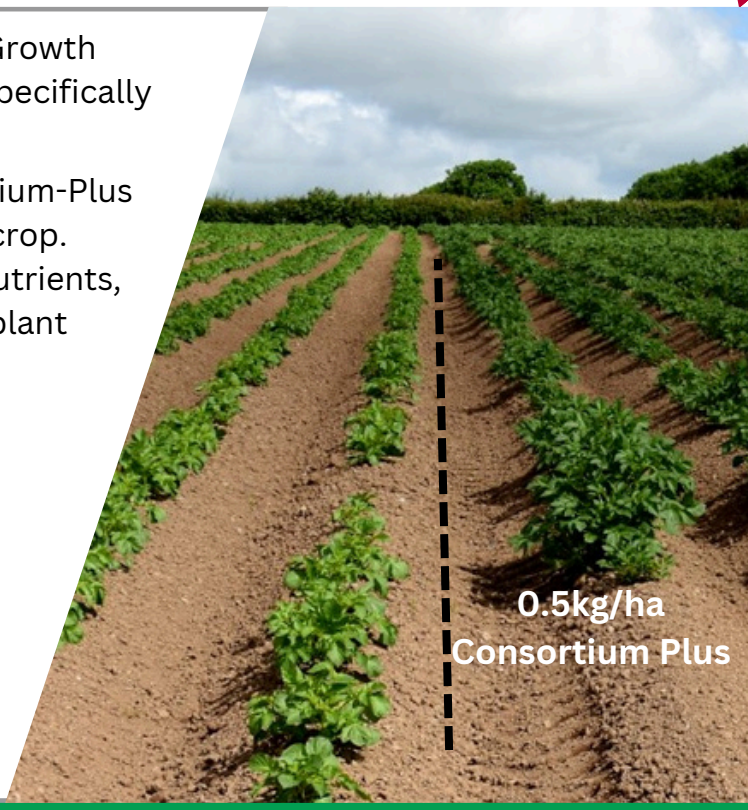
BACILLUS SPP & FUNGI AS ACTIVE SPORES

Consortium-Plus contains a unique mixture of Plant Growth Promoting Rhizobacteria **(PGPR)** and fungi selected specifically for root and vegetable crops.

Applied at planting, the fungi and bacteria in Consortium-Plus colonise the soil and roots on the newly established crop. They will then stimulate root growth, solubilise soil nutrients, fix nitrogen and release polysaccharides to improve plant health.

Yield and quality are often determined during the first 60 days of crop growth. Consortium-Plus enables the crop to exploit this establishment phase to its full potential.

Consortium-Plus has been extensively trialled on UK farms, and independently tested as part of the Innovate UK TRIP project.



Soil Health

Soil fungi and microbes are disturbed during establishment. Consortium-Plus helps repair the damage.

Stimulate Rooting

PGPR release plant hormones such as Auxins, Cytokinins and Gibberellins that stimulate root growth.

Nutrient Release

PGPR release organic acids that solubilise nutrients such as phosphorous from the soil.

Crop Health

PGPR and fungi such as Trichoderma contained in Consortium-Plus induce systemic crop resistance from day one of establishment.

Microbials

The microbes in Consortium-Plus are isolated from UK soils, & therefore acclimatised to our weather and soils.

UK Manufactured and trialled

Manufactured in the UK and trialled on UK farms around the country.

Emerald Research

Unit 2, Tech Box hub, The Agritech Centre, Hartpury College, GL19 3BE

01242 506206

www.emeraldresearchltd.com

info@emeraldresearchltd.com

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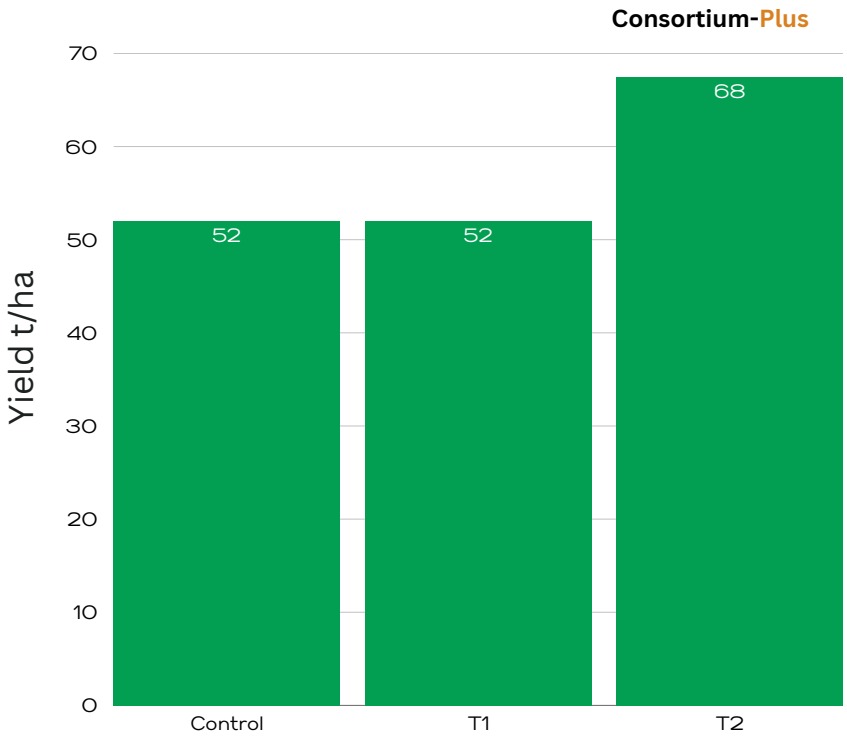
Trial Results from the Transformative Reduced Input Potatoes

TRIP

Potato Field Trial, c.v. Sagitta, Cornwall, 2023



Control
Standard fungicides at planting, 180kg N, 200kg P, 245kg K.

T1
Standard fungicides at planting, 50% of control fertiliser.

T2
Consortium-Plus + Superphos at planting, 50% of control fertiliser

Reduce growing risk - Lower reliance on artificial inputs

Improve yield - Maximising potential during the first 60 days

Easy of use - Apply Consortium-Plus with existing machinery

Recommendation - 0.5 kg/ha in the row at planting
0.75 kg/ha if surface applied

To order call 01242 506206

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