

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

COVER CROP response to SR2

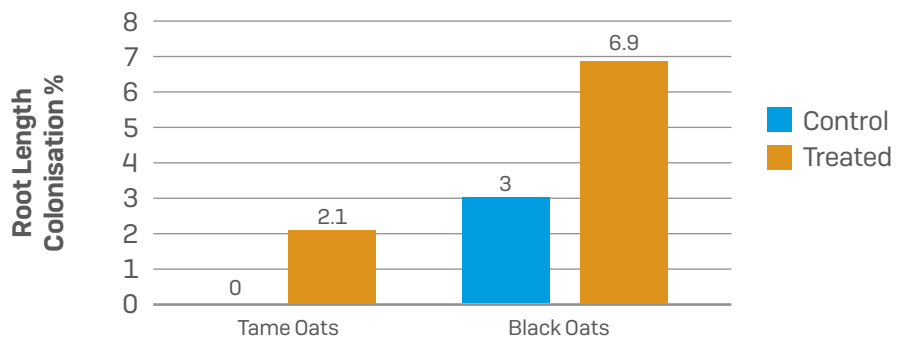
Increasing mycorrhizal fungi levels in soils through the inoculation of cover crops with SR2 increases Root Length Colonisation (RLC) of tame and black oats by **250%**

The ideal time to build up mycorrhizal communities is during the planting of leys, cover, catch and forage crops. Grasses and legumes are excellent hosts for mycorrhizal fungi. With correct management, SR2 application can be limited to once in a rotation.

Different mixes of cover crops available from Agrovista were selected for trial. Plots were established for each cover crop mix, one treated with SR2 and one left for control. Eight samples were taken from each plot for laboratory analysis.

Mycorrhizal fungi were successfully vectored to the soil through the application of SR2 with cover crops. Enhancing mycorrhizal fungi in soils acts to reduce erosion and nutrient leaching whilst improving soil structure, organic matter and general biodiversity.

Spring wheat root length colonisation



SPRING WHEAT

WINTER WHEAT

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 SR2

For cover, catch, forage and leys

Mycorrhizal fungi dry granules can be supplied pre blended by your cover crop seed supplier or purchased directly in 10L tub sufficient to treat one hectare. Average cost £39/ha.

