

BRASSICAS BEETS & CEREALS

SR3 comprises of three variants containing proprietary blends of beneficial soil dwelling Plant Growth Promoting Rhizobacteria (PGPR) that have been selected specifically for brassicas, beets and cereals. These bacteria act to increase the availability and uptake of plant nutrients, boost the plant immune system and add to the functional microbial community in soils that are essential for soil health.

Proprietary blends of Plant Growth Promoting Rhizobacteria (PGPR) species from the genera:

Gluconacetobacter, Azospirillum, Bacillus, Rhizobium, Pseudomonas, Phyllobacterium

- Nitrogen fixing
- Phytohormone production
- P-solubilisation
- Enhanced plant systemic resistance
- Enhances soil microbial communities for follow-on crops

MODE OF ACTION

The bacterial components in the SR3 range are produced in mono-culture and blended at time of packaging. The bacteria are delivered at 10^8 CFU/ml of product. This extremely high density of bacteria ensures that a high number of these organisms act on seeds at time of planting. SR3 is a living product; the bacteria when applied will begin to replicate and drive more beneficial biology into the soil.

TREATED PLANTS

Inoculation of brassicas, beets or cereals at time of planting through direct drilling or broadcasting allows for early association of the germinating seeds with a high biodiversity of beneficial bacteria especially selected to work for these targeted crops.

The mutually beneficial relationship between the inoculated bacteria and plants will develop during the growing period, allowing the plants to benefit from increased availability and uptake of nutrients and better health.

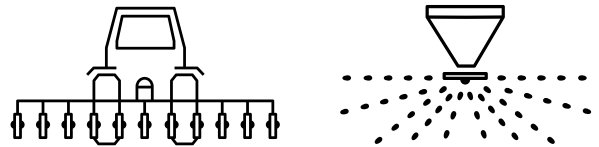
The established bacterial populations will continue to support a healthy soil community of living organisms including protozoa, nematodes, arthropods, insects and earthworms as well as fungi and other bacteria.

PRODUCT FORMULATION

Proprietary blends of UK cultivated PGPR for brassicas, beets or cereals. This product comprises inoculated microbial carriers in the form of dry granules in the fraction 1-3mm in the concentration of CFU/ml $>10^8$.

RECOMMENDATIONS

SR3 is recommended for application on brassicas, beets or cereals at time of planting. After growing brassicas or beets, it is strongly recommended that SR1 or SR2 should be applied on the follow on crop to re-establish the AM fungal community.



DIRECTIONS FOR USE

Suitable for seed drilling and broadcasting using micro applicators including Stocks AG and Techneat (see manufacturers' recommendations for settings and roller specification).

SMART ROTATIONS seek to maintain a carbon link between microbial communities and host crops during commercial production of food and forage, through intervention with inoculum products and prudent rotation management.

A highly biologically active soil is a farmer's ally in the quest to reduce fertiliser inputs, increase plant health, enhance yields and mitigate pathogen attack.

