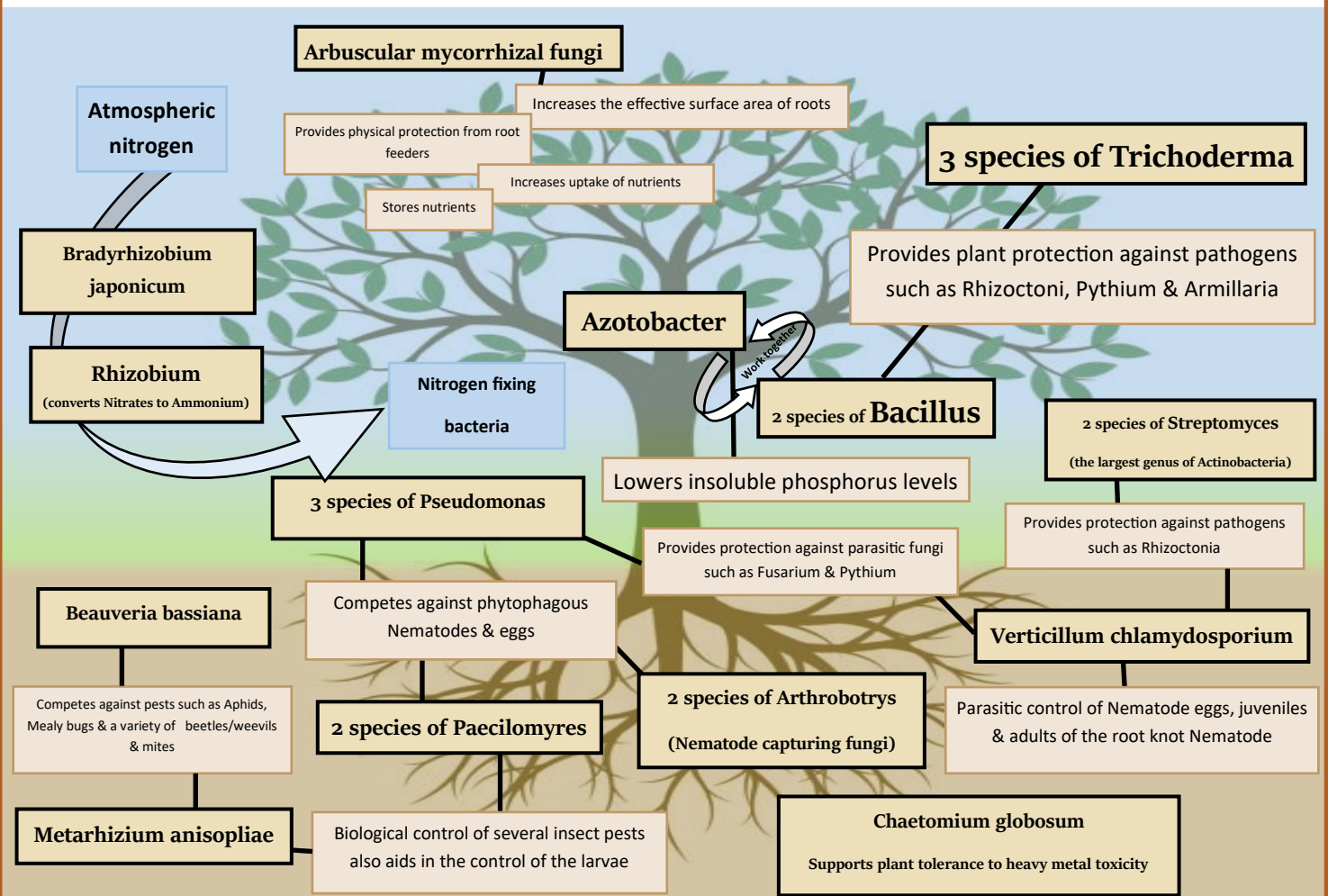


SPT Premium

Biological Inoculant

SPT Premium is a potent biological inoculant (liquid) containing an enormous number and diversity of 'living' beneficial soil organisms. The species diversity present in **SPT Premium** is the result of complex extraction and culturing of indigenous biological species from biologically rich organic materials.

This biological population containing thousands of beneficial species is boosted by a diverse group of proprietary organisms which include such cultures as;



Beneficial soil organisms play a significant role in the maintenance of soil structure, maintaining aerobic conditions maximising water use efficiency, cycling nutrients and increasing the Cation Exchange Capacity (CEC) of the soil by decomposing and stabilising plant residues into stable organic matter/carbon.

SPT Premium provides a preventative approach to managing soil & plant diseases by improving the number, diversity and balance of beneficial organisms present in the soil and around plant roots. This increase in beneficial microbes provides an increased level of competition for pathogens, reducing their ability to become infective, it also leads to better soil balance and increased competition for pests such as Nematodes and other root feeding organisms.

SPT Premium enables you to work on the causes underlying stress and ill health in plants by rejuvenating the soils' biological properties.

The beneficial organisms present in **SPT Premium** perform a number of functions including:

- ◆ Increasing root activity and growth
- ◆ Improving soil structure and Oxygen levels in the root zone
- ◆ Rapid humus production & thatch breakdown
- ◆ Increasing Phosphorus availability
- ◆ Increasing plant yield and quality
- ◆ Helps reduce the use of toxic chemicals
- ◆ A powerful probiotic
- ◆ Increasing resilience and disease tolerance
- ◆ Reducing fertilizer requirements by improving nutrient uptake

SPT Premium application rates

Diversifying existing biological programs

	Sandy Soil	Loamy Soil	Clay Soil	General	At times of stress & Renovations
Sportsturf Golf/Sports fields	50L/ha Monthly (Greens, Sports turf)	30L/ha Monthly to Quarterly (Tee's, Fields)	30L/ha Quarterly (Fairways)	10L/ha Monthly	20L/ha
Bowling greens	—	10L/ Green Monthly	—	5L /Green Bi-Monthly	10L/Green
General use Horticulture / Agriculture	500ml/100m2 Bi-Monthly	500ml/100m2 Quarterly	500ml/100m2 Quarterly	—	—

- Soil inoculation- water into rootzone (Minimum thatch area and below).
- Leaf inoculation- drench leaf to crown of plants/turf.

