



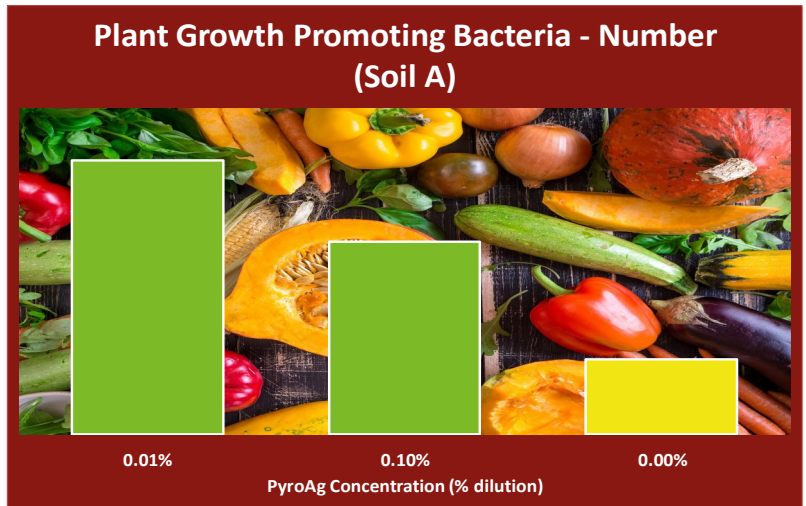
## PLANT GROWTH PROMOTING BACTERIA

Research conducted by the University of Newcastle's Global Centre for Environmental Remediation has shown PyroAg® to increase the number and diversity of Plant Growth Promoting Bacteria.





Research conducted by the University of Newcastle's Global Centre for Environmental Remediation has shown that after only one application PyroAg® increases the diversity and number of Plant Growth Promoting Bacteria (PGPB). Contact your supplier for further information.



#### PGPB HAVE BEEN SHOWN TO:

INCREASE THE SUPPLY OF NUTRIENTS TO PLANTS BY SOLUBILIZING NORMALLY UNAVAILABLE NUTRIENTS,

MODIFY SOIL PH MAKING NUTRIENTS MORE READILY AVAILABLE,

PRODUCE PLANT GROWTH HORMONES,

MODERATE THE CONCENTRATION OF ETHYLENE ALLOWING OPTIMUM ROOT GROWTH,

INCREASE THE FIXATION AND INTAKE OF NITROGEN,

CONTROL PATHOGENIC BACTERIA BY COMPETING FOR NUTRIENTS, PRODUCTION OF ANTIBIOTICS AND THE PRODUCTION OF ANTI-FUNGAL METABOLITES,

INDUCE SYSTEMIC RESISTANCE TO PATHOGENIC BACTERIA, FUNGI AND VIRUSES.

