

Technical Data Sheet



Langley Fertilizers

Troforte[®] M All Purpose Slow Release Microbial Granular Fertiliser

14 2 4 + TE
5-6 Months

GUARANTEED ANALYSIS

MACRO ELEMENTS

Total Nitrogen (N)	14.00	%w/w
as Urea	11.50	%w/w
as Ammonium	1.50	%w/w
as Nitrate	1.00	%w/w
Total Phosphorus (P)	2.00	%w/w
Water Soluble	1.10	%w/w
Insoluble	0.80	%w/w
Citrate Soluble	0.10	%w/w
Total Potassium (K) as sulphate	4.00	%w/w

MICRO ELEMENTS

Silicon (Si)	6.80	%w/w
Calcium (Ca)	5.51	%w/w
Sulphur (S)	3.18	%w/w
Iron (Fe)	2.57	%w/w
Magnesium (Mg)	1.10	%w/w
Zinc (Zn)	0.16	%w/w
Manganese (Mn)	3600	ppm
Copper (Cu)	400	ppm
Boron (B)	100	ppm
Nickel	32	ppm
Molybdenum (Mo)	1.40	ppm

APPLICATION RECOMMENDATIONS

Growing Media:

Use 2-3kg/m³ of growing media

Medium rate is 2kg/m³

High rate is 3kg/m³

This product is a blend of naturally occurring ingredients and may have dust at times due to handling beyond manufacturer's control. It is recommended to wear a mask during application.

STORAGE - Troforte[®] M has exceptional shelf life and contains beneficial soil microbes that are activated when exposed to moisture. We recommend the storage of opened and unused fertiliser for a maximum of 11 months in a moisture - free environment to ensure best results upon application.

Apply at the beginning of every Spring and Autumn to maximize plant health and vigor.

Troforte[®] M – All Purpose fertilisers contain a biologically coated specifically engineered mineral base incorporating over 60 minerals and scientifically balanced blend of 24 to 30 strains of well researched and trialed Australian cultured beneficial soil microbes. These include bacteria, fungi and algae to carry out wide range of biological activities within the soil such as Nitrogen fixing, Nutrients building, producing growth hormones, decomposing organic matter to organic carbon, protecting beneficial bacteria by releasing antibiotics that can assist in inhibiting disease producing microbes like root rot, fungi and pythium as well as conditioning of soils by improving soil structure. Some of strains included are Azobacter, Azosprillum, Bacilli, Cellulosic fungi, Myxobacteria, Phosphobacteria, Pseudomonas, Rhizobium, Streptomyces, Sacchromyces, Trichoderma, VAM and Yarrowia.

Some bacterial species break down minerals and release potassium, phosphorus, magnesium, calcium and iron to make them plant available and other species make and release natural plant growth hormones like auxins, gibberellins and cytokines.

With over two - thirds of nitrogen being in water insoluble form, it effectively and efficiently delivers organic feeding of energy rich carbon and nitrogen through microbial activity. This also helps in increasing and sustaining the population of beneficial microbes in the soil.

Troforte[®] M – All Purpose fertilisers are low analysis NPK fertilisers but more efficient, environmentally friendly and economical than high analysis chemical fertilisers.