

Macracote® Coloniser Plus DCT All Purpose

Controlled Release Microbial (Granular) Fertiliser

15 3 9 + TE

3-4 Months, 5-6 Months, 8-9 Months

GUARANTEED ANALYSIS

MACRO ELEMENTS

Total Nitrogen (N) **15.40** %w/w

Nitrogen as urea 7.80 %w/w

Nitrogen as ammonium 4.20 %w/w

Nitrogen as nitrate 3.40 %w/w

Total Phosphorus (P) **3.50** %w/w

Water soluble Phosphorous 3.20 %w/w

Citrate soluble Phosphorous 0.30 %w/w

Total Potassium (K) as sulphate **8.90** %w/w

MICRO ELEMENTS

Sulphur (S) as sulphate 5.08 %w/w

Magnesium (Mg) as sulphate 0.46 %w/w

Iron (Fe) as sulphate 0.04 %w/w

Zinc (Zn) as sulphate 0.30 %w/w

Manganese (Mn) as sulphate 0.05 %w/w

Boron (B) 0.02 %w/w

APPLICATION RECOMMENDATIONS

Potting Mixes

2.5 to 5.5 kg per cubic metre. Four kilograms per cubic metre is a common usage level.

Dibbling

2 to 4 kg per cubic metre, divided by the number of pots per cubic metre. See the guide below.

| Pot Size | Rate |
|----------|-----------------|
| 100 mm | 1 - 2 grams |
| 150 mm | 3.5 - 7 grams |
| 200 mm | 10 - 20 grams |
| 300 mm | 30 - 60 grams |
| 35 Litre | 70 - 140 grams |
| 45 Litre | 90 - 180 grams |
| 75 Litre | 150 - 300 grams |

Do not apply any herbicides 8 days prior to or 8 days after the application of this product.

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

Macracote® Coloniser Plus DCT is a technologically advanced range of controlled release fertilisers and are fortified with a scientifically balanced blend of over 24 strains of beneficial (probiotic) soil microbes. These include bacteria, fungi and algae to carry out a 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 the strains included are Azobacter, Azospirillum, 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.

It effectively and efficiently delivers nutrients to roots by enhancing soil biology. This also helps in increasing and sustaining the population of beneficial microbes in the soil.

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