

Technical Data Sheet

EnviroBiofert a Specialised Revegetation Blend Fertiliser.

Controlled Release Microbial Granular Fertiliser

With 3 month's supply of non-wetting-controlled release nitrogen: 10 – 7 – 4.5 + TE

TYPICAL ANALYSIS

MACRO ELEMENTS

| | | |
|-------------------------------------|--------------|-------------|
| Total Nitrogen (N) | 10.00 | %w/w |
| As Slow Release SulSync® Technology | 7.00 | %w/w |
| As Ammonium (Quick release) | 3.00 | %w/w |
| Total Phosphorus (P) | 7.00 | %w/w |
| Water soluble | 5.80 | %w/w |
| Insoluble | 0.60 | %w/w |
| Citrate soluble | 0.60 | %w/w |
| Total Potassium (K) | 4.50 | %w/w |
| As sulphate and silicate | | |

MICRO or TRACE ELEMENTS (TE)

| | | |
|----------------|------|------|
| Silicon (Si) | 6.40 | %w/w |
| Calcium (Ca) | 4.00 | %w/w |
| Sulphur (S) | 4.60 | %w/w |
| Iron (Fe) | 2.70 | %w/w |
| Magnesium (Mg) | 0.70 | %w/w |
| Zinc (Zn) | 0.04 | %w/w |
| Manganese (Mn) | 4300 | ppm |
| Copper (Cu) | 340 | ppm |
| Cobalt (Co) | 40 | ppm |
| Nickel (Ni) | 20 | ppm |
| Boron (B) | 10 | ppm |
| Molybdenum | 1 | ppm |

A balance of I). slow release and controlled release Fertiliser nutrients; II). a combination of specific soil microbes developed for disturbed soils- leads to High Nutrient Use Efficiency (NUE). This Fertiliser ensures that essential nutrients are delivered effectively and efficiently to the plant roots through enhanced soil biology. This assists in increasing & sustaining the population of beneficial microbes in the soil and improving overall soil health. The bio-mineral granular fertilisers are low analysis with a high NUE NPK Fertiliser + TE's, which are more economically and environmentally sustainable than high analysis chemical Water soluble fertilisers.

I). EnviroBioFert fertiliser contains:

1. Slow/Controlled release (3 month) SulSync® N37 nitrogen granules:

Release of nitrogen is affected by:

- Soil temperature, soil moisture (osmotic pressure) and beneficial microbial action.
- The longevity in the soil is nearly 3 months in a linear pattern, with 15 to 28% dissolution in first 7 days.
- should the season require, further post-N can be applied.
- Compound mineral fertilisers:
- fortified with up to 60 macro and TE minerals: and
- control-released through microbial activity.

APPLICATION RECOMMENDATIONS

EnviroStraw Revegetation Management Program

| Based upon Plant Type | Application Rate | Application |
|-------------------------|--|--|
| Subject to soil science | Based upon Comprehensive CEC soil test | Hydraulic revegetation machinery, sowing and or drill seeding. |

Rates are adjusted according to the fertility status of the soil, actual programs will be based upon Comprehensive Soil Test, site history, best fertiliser practices and other soil constraints.

Note:

This is a mineral compound fertiliser which is blended with various N, P, K products to give a "Typical Analysis" (average by weight) per batch (based upon XRF analysis- not just soluble). Samples taken for analysis may vary within a load as segregation of blended components can occur when a load is transported over long distances (vibration in transport) or is allowed to "cone" when discharged. The Typical Analysis is correct at the time of dispatch.

Storage

EnviroBiofert —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.

Precautions:

Not to be taken. This product is a blend of naturally occurring ingredients and may have dust at times due to handling beyond manufacturer's control. Wear dust respirator where necessary. It is recommended to wear a mask during application. Wash hands after use. This product is safe to use on all edible plants.