



## EnviroBond Grow™

### NPK 17-1.2-6.5 + TE

An instantaneous soil stabilisation polymer combined with the added benefit of macro and micro-nutrients optimised for seed germination and plant establishment.

**EnviroBond Grow™** is a highly concentrated liquid polymer that stops erosion in its tracks –

- with a C-factor as low as 0.001 you can be assured that your erosion challenges are addressed.\*
- includes our advanced Environmentally friendly liquid fertiliser.
- optimised to establish vegetation providing long-term outcomes.
- highly cost effective for introductory level hydroseeding applications and programs –
  - these can be tailored to suit requirements based upon budgetary constraints, seasonal conditions, other factors, and desired outcomes.

**EnviroBond Grow™** is easy to use –

- simply add **EnviroBond Grow™**, water and seed - then mix and spray.
- stops dust and erosion and helps grasses and other vegetation quickly establish.

## TECHNICAL

Designed to penetrate and bind to soil, **EnviroBond Grow™** is a high-performance binder that produces a three-dimensional honeycomb matrix throughout the topsoil layer. Nutrients in the matrix are then supplied directly to where they are needed to help with plant germination and establishment. This unique makeup allows its flexibility and its ability to be tailored for use.

**EnviroBond Grow™** –

- is native plant friendly.
- packed full of the essential nutrients and minerals required to sustainably establish plants; and
- further stabilises soil by utilising an advanced Triple Action Formula:
  - that feeds microbes in the root zone, feeds the soil, and then feeds the plants.
    - which significantly contribute to stabilising and reinforcing slopes (through enhanced tensile strength of the increased soil-root matrix).
  - ultimately providing a long-term self-sustaining outcome.

The advanced Triple Action formula enhances germination and establishment by triggering the plant to produce more carbon rich organic food in the forms of sugars, using photosynthesis and energy from sunlight. The plant then transports these sugars to its root zone. The secreted sugars are a vital food source for beneficial microbes in the soil. In turn, these microbes exchange vital nutrients for the sugars and therefore ensure the plant can take up an optimum amount of balanced nutrients.

## TYPICAL APPLICATION

Application rates per hectare.	Slope Angle.	Maximum expected rain falls.	Soil Carbon levels.
600 Litres	< 4H-1V	>100mm	>3%
750 Litres	> 4H-1V < 2H-1V	>150mm	<3%
1000 Litres	All slope angles.	>200 mm	<2%

**Application:** Dilute 1-part **EnviroBond Grow™** concentrate in 10 litres of water and apply at a minimum rate of 1 litre per m<sup>2</sup>.

## **Where to use.**

Anywhere vegetation is to be established and there is a suitable topsoil layer with a minimum 75mm thick layer. Always perform best practise seed bed preparation via Pin wheeling, Horizontal ripping, or track rolling.

To further enhance vegetation establishment on biologically depleted / low carbon / low nutrient disturbed soils – we can tailor your program to combine with our microbe coated EnviroBio Granular fertiliser. This includes our purpose designed suite of beneficial Bacteria and Fungi that help increase soil carbon, nutrient use efficiency and water use efficiency - providing a truly self-sustaining long-term outcome. For further information, speak to your EnviroStraw adviser.

- **Topsoil Stockpiles consolidation and erosion protection:**
- **Seed protection from wind and rain.**
- **Dust control (mining and construction)**
- **Sand dune stabilisation and/or revegetation**
- **Tackifier in hydroseeding applications**
- **Establishment and reconstruction of golf greens**
- **Mine tailings stabilisation.**
- **Soil consolidation after bush fires**
- **General landscape construction**

## **Application considerations:**

- **Always prepare a suitable seed bed by Pin wheeling, Horizontal ripping, or track rolling prior to the application of EnviroBond Grow™.**
- **Apply from opposing directions to ensure 100% ground coverage is achieved.**
- **Has soil testing been performed and analysed by a qualified soil specialist?**
- **Is there a watering program proposed or sufficient natural rain events expected to establish the vegetation?**
- **Do you require a long term self-sustainable outcome?**

## **Application equipment.**

**Hydroseeding Hydromulching equipment, Water truck, Helicopter, Aeroplane.**

\*Note: C-Factor rating detailed has been determined from independent lab testing under simulated rain events below 150mm per hour.