



EnviroSproutTM

Hydromulching HGM

Engineered
for guaranteed
performance



A product by



Australian Environmental Solutions





Introducing EnviroSprout™ Hydromulching HGM

EnviroSprout™ is a hydraulic growth medium designed to revegetate large areas using a one-step process.

Hydraulically applied from specialised HydroRig equipment, EnviroSprout™ HGM is an economical method for vegetating large expanses of land. Excellent results can be achieved quickly, even if the substrate is flat, sloped, or hard to access.

EnviroSprout™ HGM contains microbiological amendments that promote soil health, optimise germination and help water infiltration, providing a consistent release of nutrients for long-term sustainable plant growth.

Proprietary binders and tackifiers improve erosion control in the short term, while germination creates dense vegetation and sustainable erosion protection.



- **Increased erosion protection**
- **Provides greater soil contact**
- **Faster growth times**
- **Higher density of vegetation**
- **Improved water retention**
- **Thermally refined fibres for optimal water filtration and airflow**
- **Environmentally friendly and sustainable**



Four benefits of EnviroSprout™ HGM



Hygroscopic properties

Attracts and retains more water helping to cut costs

Microbial amendments

Promotes soil health, optimises germination and improves root establishment



Temperature stabilisation

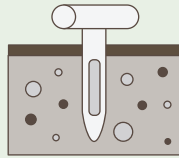
Protects the seed from temperature fluctuations during germination

Nurture of nature

Creates a protective cover and moisture reservoir for the seeds



EnviroSprout™ HGM revegetation process



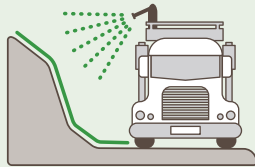
Collect & assess

Soil testing provides essential information to determine how we can optimise vegetative growth in any given environment.



Choose optimal species

Choosing the best plant species to suit the project location, site conditions, intended use and maintenance ensures success.



Apply even application

Our highly trained technicians ensure the solution is perfectly mixed and evenly applied to deliver the best possible results.



Tailor the best solution

We carefully select the best solution, accounting for the ability to facilitate growth, functional longevity and erosion control effectiveness.



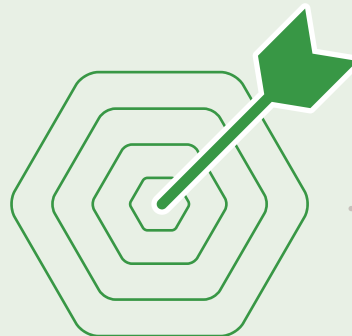
Drone spraying

Latest drone technology allows us to apply fertiliser, trace elements and soil probiotics 4-8 weeks after seeding application to ensure project success.



Performance monitoring

Monitoring drones fitted with state-of-the-art multispectral and NDVI imaging technology ensure that the project is going as planned.



Project success

Why does it work so well?

EnviroSprout™ HGM has been tested under Australian conditions to support vegetative growth in even the most degraded soils. As a Hydraulic Growth Medium solution, EnviroSprout™ HGM retains moisture for longer to support faster vegetation growth resulting in effective erosion control. The formulation of this product provides effectiveness in all climate types, even after sustained periods of rain.

Components of EnviroSprout™ HGM are selected to improve germination success while protecting the seed mix from erosive forces such as wind and heavy rainfall as well as fauna.

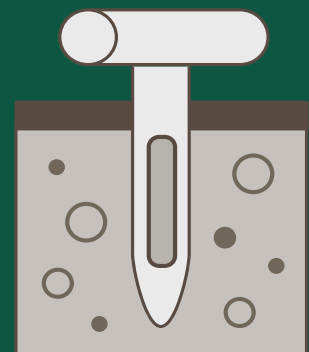
We understand that each project is different, and each has its own goals and challenges. EnviroSprout™ HGM components can be tailored to site-specific conditions to ensure successful revegetation and rehabilitation goals.

Free soil test

Optimal soil conditions are essential for any successful revegetation project. Our solutions always start by gaining a thorough understanding of the physical, chemical and biological characteristics of the soil found on the project site.

We take multiple soil samples from key areas, which are sent to the lab for an extensive analysis. The results provide us with essential information to determine any adjustments that are required to ensure a favourable growing environment.

With access to over 100 various ameliorants, we can improve the properties of the soil's physical and microbiological condition with ease. Talk to our specialist team about how a soil test can benefit your project.

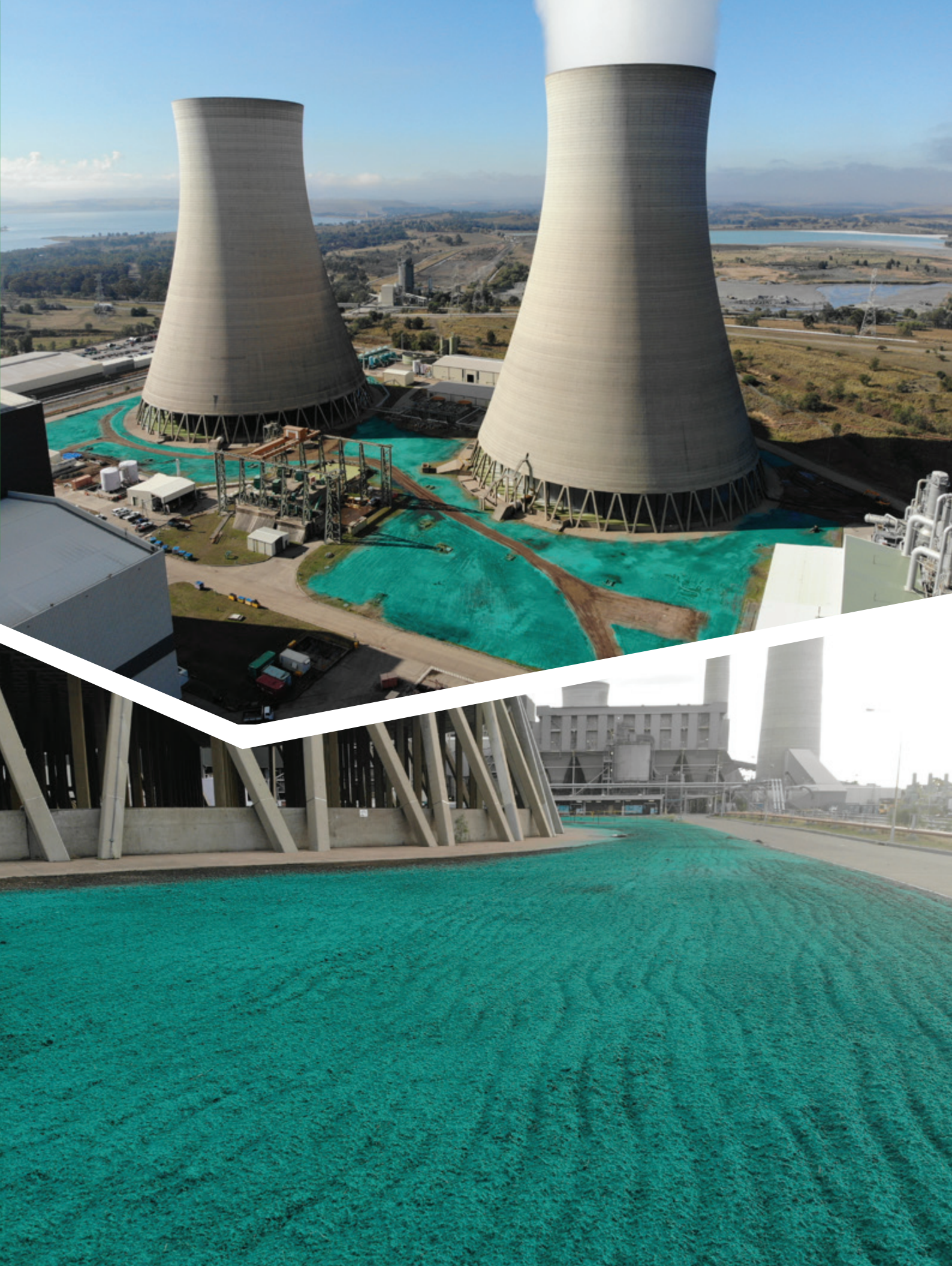


Benefits of a Hydraulic Application

Revegetating large areas of sloping and uneven terrain can be a costly and time-consuming process. EnviroSprout™ HGM is designed to be the most cost-effective way to achieve great results on large-scale revegetation projects.

Our unique purpose built HydroRig equipment and innovative application techniques guarantee that any slope and terrain is evenly covered with EnviroSprout™ to maximize results.





EnviroSprout™ HGM is Formulated to meet the highest standards of environmental efficiency



Scan me



100% Success Rate Guaranteed



SUPPLY

Our products and services are supported by the expertise and consultation of our specialist team of agronomists, horticulturalists and soil scientists. EnviroSprout™ HGM is made with the highest quality materials which are extensively tested for safety and performance on some of the most depleted and degraded soils in Australia. We are confident you will achieve project success the first time around.



APPLY

Our highly trained technicians utilise specialist equipment to apply products with precision and accuracy, meeting Australian Safety, Environmental and Quality standards. Surpassing this, our ability to utilise drone technology for the application of solutions improves the quality and efficiency of our operations. Each project comes with a tailored Quality Management Plan and an Inspection & Test Plan (ITP) to identify and record project specifications and requirements.



GUARANTEE

Our scientifically developed solutions and expert application methods enable us to deliver an end-to-end solution which makes this guarantee possible. Each project solution is tailored for specific site requirements and longevity targets which requires a tailored guarantee to make sure our clients reach those goals.



Australian
Owned & Made