



**VALLEY HYDRAMULCH
& REVEGETATION**
TRUSTED SOLUTIONS SINCE 1981

Compost Blanket

Hydraulically Applied Ameliorated Application

We help you find the **Right Solution** for your site
Because you deserve **Long-Term Growth**
Without **Re-Works**

www.SprayGrassSolutions.com.au

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What Is A Compost Blanket?

Compost Blankets are a mix of grass seeds, fertilisers, cellulose fibre, binder, and water, with added ameliorants, which change the properties of the soil. These ameliorants include gypsum, lime, and compost, which help to promote long-term grass growth. The application is applied to the soil either out of a cannon or hand-held hose, depending on the access restrictions.

The success of your application will be dependent on the ingredients used in the Compost Blanket and adequate surface preparation. Soil Testing is recommended so that the mix can be designed to suit the site conditions present. This allows for the best chance for successful results to occur. Typically, 70-80% of germination is achieved within four to six weeks depending on climatic conditions and rainfall received.



Why Do I Need One?

If you're starting a new project, compost blankets can help you set the stage for successful grass growth. There are a variety of products available from other companies but the important thing is to choose the product that is suitable for your site soil. If the application is not site specific, then you are more likely to spend additional costs on re-works in order to achieve practical completion.

Compost blankets are also a good fit if you are looking to get your project back on track with rectification works of other failed applications, and to encourage long-term, sustainable grass growth.

What Are They A Good Fit For?

- Erosion Control and Dust Suppression
- Projects requiring sustainable long-term growth
- No maintenance watering
- Failed standard hydromulch applications
- Poor quality soils and subsoils
- No Topsoil
- Defects Rectification



Our purpose-built Hydroseeding tankers enable us to apply additional ameliorants to the mix and apply it to your site, all in one application.

Why Is It So Effective?

Valley Hydramulch and Revegetation care about your project and will do everything we can to help you choose the right solution for your site. Our compost blankets contain all the necessary ingredients for long-term growth and we develop your mix based on tried and tested applications that have proven success rates across varying conditions.

We also use Sydney Environmental Soil Laboratory (SESL), Australia to conduct our soil testing, which ensures that the ameliorant mix in every compost blanket we apply is 100% tailored to your specific site. This process is in accordance with the procedures set out in RMS QA Specification R178 'Revegetation' which is the accepted industry standard.

A Unique Cellulose Fibre Blend

Our Hydraulically Applied Compost Blankets use 100% organic, renewable resourced cellulose fibre that is:

- ✓ FREE of hazardous additives as per current Safety Data Sheets.
- ✓ FREE from artificial fibre or cementitious binders.
- ✓ FREE of toxic, weed and contaminants.
- ✓ FREE from herbicides, pesticides or sap residuals, oils, phenols or resins.





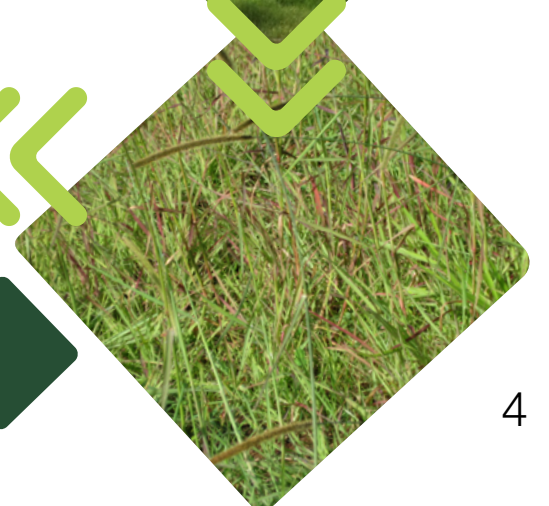
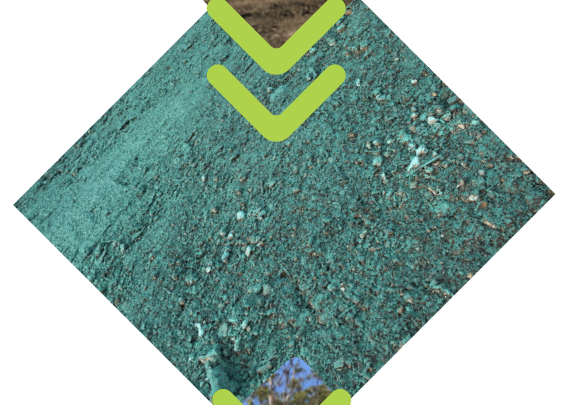
How It Works For Your Site

The recommended ameliorants determined by each soil test are added to our tankers, mixed in with the slurry and applied to the soil surface in a single application.

The application materials form a paste on the surface, holding seeds in place until initial strike is achieved.

The ameliorants work their way into the soil via the 'Top-Down' approach, improving the nutrient availability, soil structure and working to release the locked nutrients within the soil.

This methodology kick-starts the natural regeneration process and nutrient cycles that have broken down in a site soil, in order to achieve sustainable long-term germination.



Our Hydraulically Applied Compost Blankets produce an early stabilising annual grass cover, and have sufficient fertilisers and ameliorants in the mix to enable long term germination and growth of perennial grasses and/or native plants.

Pacific HWY Upgrade F2E - Application of VHR's recommended Light Compost Blanket provided a quick cover on the surface with the germination of annual grasses, resulting in stabilisation of the batter surface.



18 Months later native grass growth has flourished.



With Heavy Compost Blanket Applications, no Jute Meshing is required, saving you money!

Past Projects

Application of Heavy Compost Blanket to embankments on the Hunter8 project near Singleton.



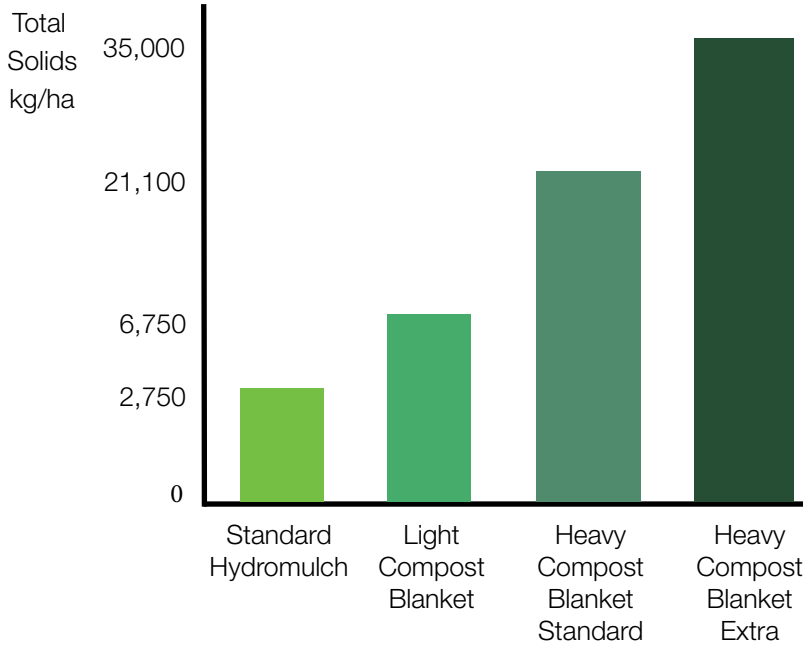
As can be seen, the compost blanket application has achieved 100% cover on the steep embankments to result in stabilisation of the surface. The bottom metre had to be reshaped, hence the lack of grass on the bottom of the batter.



Application And Germination Rates

Each one of our machines can apply compost blankets to areas up to 40,000 square metres per day. In addition, Hand Hose Application of up to 300 metres from the machine has been achieved meaning that treatment of almost all sites is possible.

Typically, 70% to 80% of germination is achieved within four to six weeks, depending on climatic conditions and rainfall.



What Are The Factors Which Affect Pricing?

In order to determine an accurate quote, we need the following:

- The location of your project
- The size of your area
- The type of application you need

Price Range

HCB Extra: \$5.00+ sqm
 HCB Standard: \$3.00 - \$5.00 sqm
 LCB: \$0.80 - \$3.00 sqm

How You Can Save On Cost

Our proprietary machinery and application processes can save you money in a number of ways:

- ✓ By negating the need for manual mixing of ameliorants.
- ✓ Our consistent application coverage minimises costly rectification of uneven distribution of ameliorants and subsequent reworks.
- ✓ By remaining intact in heavy rain, they do not normally require jute meshing or expensive pinning (depending on site conditions).



300+
Jobs Completed
Since 2005



>30mill sqm
Area Covered
Since 2005



We Service SE QLD & NSW
but are open to all locations
across Australia.

Our Promise to You

Working with some of Australia's most reputable soil laboratories (SESL), we have developed a proven methodology that delivers cost-effective, long-term solutions to your revegetation and erosion control challenges. We are happy to chat with you and answer any questions you may have, to help you find the right solution for your site, because you deserve sustainable grass growth without the need for re-works.

No Shortcuts. Just Long-Term Results.

Contact us for detailed technical support material, project records, photographs and drone footage of major works completed by Valley Hydramulch & Revegetation since 1981.

Contact

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