



# HYDROMULCHING

## Hydromulching is easy to apply and can be tailored to your site conditions

Are you worried about spending too much money on a Revegetation solution for your site? You're probably thinking, "I'm just after the cheapest price". This may seem enticing, but choosing a cheaper application may end up costing you more money in re-works.

### SO WHAT SHOULD YOU CHOOSE?

You want an application to make the grass grow and you need your project to achieve practical completion. Depending on your site's requirements, hydromulching is the most commonly used method of revegetation on civil construction sites.

### WHAT IS HYDROMULCH?

Hydromulching is the application of seed, fertiliser, wood fibre, and binder, which is combined with water into a green slurry mixture, using a specially built Hydroseeding Unit.

This slurry mixture is then sprayed onto the area to be treated, either out of a cannon or hand held hose, via a high pressure pump system.

### INGREDIENTS

Hydromulch contains environmentally friendly ingredients including wood-fibre, which is used to provide a bulking agent for the slurry mix, as well as to provide a thin layer of mulch to help retain moisture. This increases the organic carbon in the soil and also helps to promote seed germination.

The binder causes the individual wood fibres to adhere together and form a protective layer. It also binds the fibre and seed to the soil, thereby reducing soil erosion.

### WHERE CAN IT BE USED?

Hydromulch can be applied to areas ranging from flat surfaces, up to banks with gradients of 1V:1H with heavier applications. It can be used to prevent erosion associated with heavy rainfall, mining, construction or infrastructure works.

Heavy wind and rain can cause sediment and debris to be washed into streams, lakes and oceans. Hydromulching can help prevent these issues by protecting the soil until vegetation grows and stabilises it.

The proportion of wood-fibre in the slurry can be altered to provide varying amounts of coverage and erosion protection requirements.



*Application of Ameliorated Hydromulch*



*Annual Growth of Ameliorated Hydromulch*

## STANDARD VS AMELIORATED

In our 40 years of experience, a common practice we have seen is contractors factoring in long-term rectification and management costs as an inevitable part of their project. We have repeatedly seen standard applications, which use cheaper, less reliable methods fail to meet practical completion without re-works. This doesn't have to be the case if you use an ameliorated application, which is tailored to your site. A couple extra dollars spent up front will save you money in the long run not having to complete re-works.

The upfront cost of an ameliorated hydromulch application is typically more expensive due to the inclusion of the extra additives (lime, gypsum and compost), which allows for faster germination and long-term growth.

## OUR PROMISE TO YOU

Picture this, you have just signed off on practical completion without having to do re-works. Your boss is happy as well as your client because you efficiently completed the job without incurring additional costs. You can be relieved knowing that you can move on to the next job without feeling burnt out. If you tailor your application to the site you can guarantee the project will be a success. Using an ameliorated hydromulch over a standard application is always more effective.

We recommend soil testing to get the best result for your project. 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.

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



**VALLEY HYDRAMULCH  
& REVEGETATION**

TRUSTED SOLUTIONS SINCE 1981

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