



**HYDROSOIL** is a new product developed by Evergreen Landcare for use on difficult sites where low fertility and a lack of natural top soil make the establishment of vegetation difficult. It is hydraulically applied as a slurry from truck mounted hydroseeding units.

The slurry blended for each site contains either recycled paper or wood mulch, grass seed, fertiliser and extra wood fibre. It differs from standard hydroseeding in that it contains organic humus material and an emulsified tackifier. The product is dark brown in colour and bonds readily with whatever substrate it is applied to.

The dark colour absorbs sunlight, making the seedbed warmer and encouraging germination. The special tackifier used helps retain moisture in the soil surface, remaining soft after application, reducing the possibility of a hard crust developing on hydroseeded surfaces. The addition of decayed organic matter instantly establishes a thin layer of humus on the substrate. This organic matter provides a medium for the future development of soil microbes. In order to 'fast track' this process HYDROSOIL also contains a mycorrhizal activator. This stimulates the development and activity of indigenous soil fungi, promoting plant growth while conditioning and building the soil profile.

When HYDROSOIL is used in conjunction with straw mulching, soil development is enhanced even further. Higher average soil surface moisture levels are maintained. This encourages the development of soil-building organisms such as decay fungi, bacteria and ultimately detritus-feeding insects.

HYDROSOIL is a cost effective method of establishing sustainable vegetation cover on depleted sites by encouraging the development of natural humus building processes.

None of the ingredients of HYDROSOIL are classified as Hazardous Substances under the Hazardous Substances and New Organisms Act.



Before



Application



After

For further information contact:

**Evergreen Landcare**  
P.O.Box 2294  
Taupo 3351

North Island 07 345 9985  
South Island 03 349 4907  
[www.evergreenlandcare.co.nz](http://www.evergreenlandcare.co.nz)

