



HYDROHAY

PROTECTION
AGAINST THE
FORCES OF
EROSION

SINCE

1975



HYDROHAY™

Erosion Control Co Ltd.'s Hydrohay™ is another of our innovations engineered to offer additional stabilisation where it is needed most. Our unique formula of hydro mulch and sterile cut straw fibres forms a protective barrier against the forces of erosion until full vegetation cover is achieved. Hydrohay™ is the ideal solution for swale drain, around culvert and berm areas.

Hydrohay™ is taking hydroseeding to the next level with almost 2000 kg/ha of conventional mulch and an additional 1500 kg/ha hay providing a solid barrier between the soil and the erosive nature of the environment increasing the critical shear values of the soil by 350-380%.



Tackifiers are included in the mix to help hold the product in place and reduce moisture re-absorption in prolonged rain events. Hydrohay effectively creates a hard-fibrous crust completely sealing the soil from rain droplet impact. The straw fibres give Hydrohay its strength and gives a rough surface to help slow surface flow velocities.

GET IN TOUCH

0800 787 2966

www.erosioncontrol.co.nz

171 Postman Road
Dairy Flat
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Hydrohay has the same benefit as straw mulching by retaining moisture in the soil making grass germination not only quicker but also extending the natural season for grass establishment. Hydrohay is not affected by the wind will stay institute under gale force wind events. Hydrohay has 50% more grass seed and fertiliser than conventional hydroseeding and this combined with better moisture retention means an even quicker, better and stronger grass sward. Early Establishment Erosion Control Co Ltd.'s Hydrohay™, with the optional addition of wetting agents, provides superior moisture retention through dryer periods and insulation from frosts in colder times, resulting in a faster germination and establishment.



- Hydrohay can be applied in the wind when straw mulching will not stay on.
- Hydrohay can be applied in dust or noise sensitive areas.
- Hydrohay can be pumped through a hydroseeding hose to areas where machinery can not go. We can apply Hydrohay more than 50 meters from the truck access point.

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Tests have been done to simulate the flow shear stresses that would be applied to soil surface in open channel with a variety of flow velocities. These studies have shown that for short term and even mid term rain events Hydrohay can equal the soil stabilisation characteristics of straw mulching. The Hydrohay provides a complete hard effectively sealed barrier layer preventing the rain or water flow from touching the soil surface. This is particularly evident in swales or where short-term flows of up to 2.3 m/s.



RESEARCH & DEVELOPMENT

We continually strive to be a global innovator in our field. Whilst being mindful of overseas products and developments, our in house R&D programme is focussed on local innovation for local solutions. Our purpose built technology continues to out perform expensive imported hydromulch products and wood fibres. As well as maintaining our philosophy of recycling where possible, recycled newsprint also supplies funding to our local suppliers such as schools and charitable organisations.

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