



■ **Revegetation**

A term that covers a variety of techniques such as those described below. Spray-on revegetation methodologies can be used in conjunction with hand planting.

■ **Erosion Control**

Spray-on technologies were developed specifically for large-scale applications on major earthworks projects where revegetation was a principal strategy for erosion control and time and cost was critical.

The technique is even more cost effective in areas difficult to access, having irregular terrains, or where conventional surface preparation is impractical (eg some mines and quarries, steep roadside batters, forests after bushfires etc.).

■ **HydroSeeding**

At its simplest, a mixture of water, seed and fertiliser (if required) sprayed at high pressure over the site.

HydroSeeding was initially developed to quickly and cost-effectively plant large areas.

■ **HydroMulching**

Similar to HydroSeeding but a more complex mixture that incorporates mulch (among other ingredients as may be required). Can also include binding agents, dyes, organic fibres (paper, wood, etc.), and other specialist agents (e.g. soil conditioners) as required.

HydroMulching is mixture, resulting in thick slurry that

provided a variety of advantages such as:

- Erosion control
- Holding the seed in place during germination
- Retaining soil moisture
- Slowing runoff
- Providing a friendly microclimate for the seed

■ **HydroSprigging**

HydroSprigging is fundamentally a variation of HydroMulching where sprigs or stolons ("chopped up" pieces of live grass) are used instead of seed. HydroSprigging is one of the most economical and successful approaches to establishment of grass on home lawns, golf courses, bowling greens, schoolyards, diversion channels and playing fields.

■ **StrawMulching**

A straw mulcher blows a stream of clipped straw that has been lightly covered with a mist of bituminous binder, through a cannon-like device across the area to be covered. The sticky straw covers the area in a thick matted blanket of 15mm to 30mm. No water is used. Seed and fertiliser must be applied before this operation.

Alternatively an organic binder (ENVIROTACK) can be applied (using a Hydromulcher) to tack the straw as a secondary application.

Due to the thickness of the layer ,straw mulching is very effective in stabilising dispersible soils or loose materials on cut and fill batters. Because it has greater moisture retention properties, it is very effective in "out of season" warm weather applications. It also provides a perfect micro-climate during colder weather, and is particularly effective in frosty conditions.

■ **Enviroseal: Spray-On Dust Inhibitor**

Specialised spray-on mixtures (much more cost-effective than plain water) are used on sites where water and wind erosion, as well as downstream and downwind contamination, can be a very serious problem.

Aquaseeding has a range of formulations to address the need for dust control in applications as varied as quarries, construction sites and rural roads, mines, material stockpiles, open field parking areas and sports events. One of the most frequently used products is Enviroseal, the formulation of which can be adjusted on site to suit a wide range of applications.

