

HYDROMULCHING

Hydro mulching, sometimes referred to as hydro seeding, is a method of placing grass seed on the ground. The process is fast, efficient, and economical. This grass planting process is usually more effective than conventional seeding and certainly more economical than conventional turfing.

The process begins by mixing a mulch product, seed, fertilizer, tackifier and water in the tank of a hydro-mulching machine. The mixed material is then pumped from the tank and sprayed onto the ground in one application. The material is often referred to as slurry, much like a soapy batch of papier-mâché. Once applied to the soil, the material enhances initial growth by providing a microenvironment beneficial to seed germination.

Mulch Material

There are many different mulch products; these are usually produced from re-cycled paper or sugar cane. The specific fibre texture is particularly important in achieving an erosion resistant product, which can also be easily pumped with a Hydro mulch machine.

The Value of Mulch

Hydromulching applied to the soil reduces moisture evaporation from the soil. Grass seed needs soil moisture to germinate and grow. Moisture must initially come from either irrigation or rainfall. Once the soil has moisture, mulch helps the seed get the most benefit from that moisture. Poor growth is almost always due to the seed and or the seedlings not getting enough moisture during certain critical times. Soil moisture is always important.

A good Hydromulching application also provides erosion resistance. Soil erosion caused by flowing water is always a factor. Hydromulching helps hold soil in place and reduces the possibility that the seeds will be washed away, providing a better chance for establishing a more uniform coverage of grass.

The Results

Warm and moist conditions promote faster seed germination. Seedbed conditions determine growth rates after germination. When all the conditions are favourable, grass may require mowing and have excellent coverage in three to four weeks. The better the preparation, topsoiling, ripping and most importantly the more watering the better the results.

Seed Mixes

Many different seed mixes can be used and we can also incorporate native seeds into the mix if required. The mix we use is designed for each job individually or we will work to any specifications supplied. The mix is dependant on many things, the area to be revegetated, the required end results, what maintenance will be carried out, the preparation of the area & the budget.

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