

How to Prepare for Hydroseeding



Properly prepared soil will directly reflect the health and appearance of the lawn for years to come. At the very least, we need a firm and raked surface, free of existing vegetation, on which to apply the hydroseed mix.

A high percentage of the plant and turf problems can be traced to and/or caused by poor soil environment. Most construction sites become severely compacted which results in loss of pore space between soil particles and this impedes the

movement of air, water and the ability of the roots to penetrate through the soil. The addition of a few inches of topsoil, spread over the top of compacted soils, does little to improve the situation. The end result is a shallow rooted lawn that is highly susceptible to drought during the summer and flooded roots during the winter.

The best approach to correcting this situation is to amend the existing soil by tilling a decomposed organic matter into the existing soil (i.e. fertile mulch, peat moss, decomposed sawdust, etc.). If this approach is not possible due to rock or other reasons then the second option would be to import topsoil and spread to a depth of at least 6 inches.

How to Prepare for a New Lawn:

1. Measure lawn area (*see the appendix on reverse for tips on measuring*). Most prices for materials and services are based on amount of square yards or square meters.
2. Eliminate existing vegetation by tilling or have a professional apply herbicide.
3. Remove debris (rocks, sticks, etc.). Be sure to locate any stumps or major obstacles beneath the surface that may damage the tiller or other equipment.
4. Examine the soil. Soil is made up of sand, silt and clay particles. The percentages of these ingredients determine the texture of your soil. Sandy soils let water and air pass readily by, however, they also dry out very quickly allowing nutrient levels to be flushed through the soil before they have a chance to do any good. *Clay soils transfer water and air very slowly and cause soils to remain soggy while starving the roots of needed oxygen. Adding organic matter will greatly enhance both sand and clay soils. Establish a rough grade. Fill in low spots. Make sure grade slopes away from house, sidewalk, driveway, etc.*

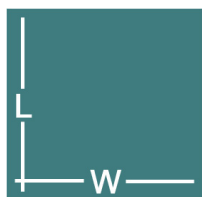


5. Spread soil amendments (decomposed organic matter). Enough organic matter should be added to physically change the texture of the soil to a depth of 5 to 6 inches. About 1-2" organic matter mixed into the top 4 - 6 Inches of soil is usually sufficient (3-6 cubic yards per 1,000 square feet). In addition to organic matter it is a good idea to also add lime and a high phosphorus fertilizer at this time. Topsoil is a very vague term. Most of the soils on the market locally are manufactured products and vary a great deal in composition. Make some inquiries before purchasing.
6. Till this material down 5 to 6 inches.
7. Install underground sprinkler system (if desired).
8. Establish the final grade.
9. Roll lightly (using water lawn roller half full) and rake (just before seeding to break up any crust that has formed so the seeds have an excellent chance to bond with the soil) and water lightly if ground is very dry.



Call **Maritime Hydroseed** to schedule your custom hydroseeding. We use only the highest rated varieties of seed, balanced fertilizers, pH adjusters, mulch fiber and root stimulant. Our products and workmanship are fully guaranteed.

Appendix: How to measure a lawn area



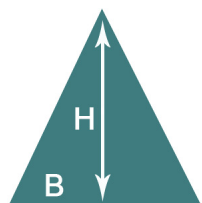
Square or Rectangle

multiply the width times the length. (Area=Length x Width)



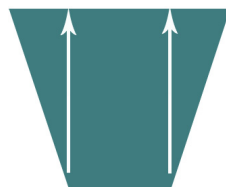
Circle

take the radius (the distance across the middle of circle) and square it (multiply it by itself), then take this number and multiply it by Pi (3.14). (Area = πr^2)



Triangle

multiply the two longest sides together, and then divide by 2. (Area=B x H/2)



Odd shape

roughly divide the area into squares, triangles, etc. Calculate each separate piece and add them together.

The Maritime Hydroseed Warranty

Maritime Hydroseed warrants that high quality certified ingredients are used in our hydroseeding process.

If your Hydroseeded lawn does not establish properly, for up to one year, because of product or workmanship, those portions of the lawn that are not growing will be re-Hydroseeded, at NO COST!

Be sure to water, fertilize and maintain your new lawn as directed in this brochure. If your lawn is not watered, fertilized and maintained as directed, the Warranty is void.

The Warranty does not cover a lawn that is washed out because of heavy rain fall, lacking proper growth because of lack of fertilizing, or burned because of over fertilizing, using the wrong fertilizer or the improper use of chemicals to kill weeds.

