




NEW

HYDROSEEDING PROGRAM



Accelerate Establishment of Turf for Lawns, Golf, Sport Fields and Vegetation Growth for Erosion Control:

Erosion control by means of hydroseeding mulch, seed, fertilizer and tackifiers must promote quick germination and inhibit soil erosion. This program is designed to facilitate and accelerate the establishment of sun or shade lawn seed, athletic field mixes, pasture mixes, native grasses, wildflowers, roadside mixes and erosion control mixes. By adding the below products, higher rates of germination can be achieved, with deeper rooting and ultimately better Turf and vegetative establishment with less recall for repairs. Easily mixed with any type of hydroseed mulches, this program adds the most important elements to the mix; Rhizosphere bacteria (PGPR), Mycorrhizae and soil organic matter (SOM) that drives plant growth. All of these including biostimulants, such as humic acid and kelp, are often ignored in any soil assessment. Microbes are termed activators, can be the major limiting factor, resulting in poor vegetative establishment. This program supplements key activators. In addition to quickening growth by adding beneficial bacteria, pathogen populations can be reduced. For wetland establishment near drinking water sources see organic supplements Companion WSP Biological Fungicide, pH Reducer and BioNutrients 8-1-9 (WSDA)

Hydroseeding Products	Rate	Notes	Comments
Landscaper's BioNutrition (3-0-3)	1/2 - 1 lb. per 500 - 1,000 gal. water per 5,000 - 10,000 ft ²	Mix in with water, starter fertilizer, grass seed & hydromulch. Apply same day.	<ul style="list-style-type: none"> • Boosts the microbial populations • Added gel for water retention • Rich in Soil Organic Matter (SOM) • Natural wetting agent to ensure water movement • Eleven strains of Endo & Ectomychorrhizae
	or		
BioNutrients (8-1-9)	1/2 - 1 lb. per 500 - 1,000 gal. water per 5,000 - 10,000 ft ² .	Mix in with water, starter fertilizer, grass seed & hydromulch. Apply same day.	<ul style="list-style-type: none"> • Boosts the microbial populations • Rich in Soil Organic Matter (SOM) • Natural wetting agent to ensure water movement • Five powerful microbe strains plus yeast.
	with		
Starter Plus (8-32-5)	2 - 5 qts. per 500 - 1,000 gal. water	Mix in with water, grass seed & hydromulch.	<ul style="list-style-type: none"> • Safe - low salt index for seeding • longer lasting nitrogen source • For better root development
Dry Seed Hopper Rate	Product Rate/ 50 lbs. seed	Seed Rate / 1,000 ft ²	Comments
Landscaper's 3-0-3, BioNutrients 8-0-9, Total-Pak 3-0-3 BioNutrients 8-1-9 (Organic)	2.5 - 5 lbs.	2 lbs.	Put seed in hopper / spreader & mix appropriate amount of product thoroughly before spreading. Make sure seed has seed to soil contact.
	1 - 2 lbs.	4 lbs.	
	0.75 - 1.5 lbs.	6 lbs.	
	0.5 - 1 lbs.	8 lbs.	
For Organic Hydroseeding Near Protected Wetlands			
BioNutrients 8-1-9 Organic	1/2 - 1 lb. per 500 - 1,000 gal. water per 5,000 - 10,000 ft ² .	Mix in with water, starter fertilizer, grass seed & hydromulch. Apply same day.	<ul style="list-style-type: none"> • WSDA for Organic composting • Boosts the microbial populations • For wetland sensitive areas • Natural wetting agent to ensure water movement
 <p>pH Reducer Citric Acid Solution</p>  	1 to 2 gal per 500 gal. water	Apply when pH needs lowering. Check pH of solution	<ul style="list-style-type: none"> • WSDA for Organic composting • Will lower pH gently not killing natural microbes