

SOIL MOIST HYDRO

Hydroseeding Applications

Soil Moist Hydro is a synthetic crosslinked polyacrylamide with a potassium salt base. The hydrophilic polymer is designed to retain high amounts of moisture. The polymer will increase the moisture retention capacity of the mulch matrix which is more conducive for seed germination. Each pound of **Soil Moist Hydro** will absorb over 200 times its weight in tap water rated at 160 mg. of NaCl/liter of water. Each pound of Hydro will hold over 20 gallons or more of tap water. If only using paper for hydroseeding, the expansion and retraction of the polymer during the watering cycle will help reduce the “paper mache” effect.

The grade size of **Soil Moist Hydro** is 100-700 microns. The material is designed to go into solution very quickly in the hydroseeding tank to insure a homogenous mixture. The polymer acts as a slurry lubricant which will increase the shooting distance and tighten the spray pattern.

Application Rate

Use up to three to four pounds of **Soil Moist Hydro** per 1000 gallons of mix. Slowly pour the product in the tank after water and the other ingredients are being agitated in the tank. After slowly pouring the material in, wait at least five to ten minutes before spraying. Depending upon the water retention desired, soil type, site conditions and type of mulch applied, one acre will require nine to sixteen pounds of polymer per acre.