



General Guidelines for H30 Application

H30 is distributed exclusively to professionals and is intended for use and application by contractors with experience and knowledge of Best Management Practices (BMP) related to erosion and dust control devices and techniques. Application practices will depend on a variety of considerations including site conditions, slope, weather, as well as soil characteristics. The distributor assumes a contractor's familiarity with literature generally available from the USEPA as well as various state agencies such as departments of transportation. Selected literature will be provided upon request.

Technically, H30 is a flocculent which causes fine soil and silt particles to adhere and aggregate to prevent movement. Hydration is necessary to activate H30's adhesive characteristic. H30 should be applied to soil surface.

H30 is a granular material that can be integrated into a hydraulic, hydro seeding or hydro mulching medium at a standard rate of 5-10 pounds per 3000 gallons of water per acre. Increased rates may be required for effectiveness based on the various considerations noted above. Continuous agitation is recommended during application. The use of additional BMP's such as wattles and silt fences is recommended as circumstances and conditions suggest.

Particularly for smaller site conditions, dry application can be accomplished with a hand spreader which will evenly distribute the material on soil surface. Do not till or integrate H30 into soil. Since water is necessary to activate H30, soil must be slightly moist. For best results soil should not be saturated or muddy during application. Rates of application of dry H30 are significantly higher than hydraulic applications with minimum rates of not less than 10-12 pounds per acre but most commonly applied at rates of 35-60 pounds of material per acre or approximately one pound per 1000 square feet. After application, additional soil stabilization techniques are recommended such as straw, mulch or erosion control blankets. As with hydraulic application, other BMP's should be considered for maximum effectiveness.