



DustCap Organix Plus

Dust Suppressant

Dust suppression without limits.

BENEFITS

- *All Natural*
- *Low Usage Rates*
- *Proven Performance*
- *Biodegradable*

APPLICATIONS

*Organic Ag Land
Unpaved Roads
Haul Roads
Construction Lots
Stockpiles
Trails & Paths
Runways
Hydroseeding
Helipads*

DustCap Organix Plus is a custom blend of bio-based vegetable oils and stabilizers designed for low application rates and lasting results. After application, DustCap Organix Plus penetrates and works with the dust to bond to the substrate. DustCap Organix Plus is an alternative to traditional dust control products including polyvinyl acetate (PVA), which is known to contain formaldehyde. DustCap Organix Plus provides an excellent economical solution where a paved road is desired, however not within the budget. Other traditional dust suppressants such as calcium and magnesium chloride are water soluble; when it rains, they dissolve and run-off can migrate and contaminate surrounding soil and water. When DustCap Organix Plus is applied, it penetrates below the road's surface and agglomerates the bed material and the surface, forming a protective shield. DustCap Organix Plus eliminates the need for constant road attention, further reducing your labor and equipment expenses, and will continue to build upon itself with each succeeding application.



Terra Novo

Terra Novo, Inc.
2930 Patton Way
Bakersfield, CA 93308
Tel (888) 843-1029
Fax (661) 587-5792
www.terranovo.com

www.terranovo.com/dust

Application Rates & Techniques

Environmental considerations are of the utmost importance for dust control applications. With air quality in mind, all of our products are engineered to provide their high levels of performance without the use of volatile hydrocarbon solvents. For those products that require non-aqueous liquids, we have designed those formulations to employ agriculturally produced, eco-friendly oils.

APPLICATION

As with all dust suppressants, application rates and methods depend upon the site, environment, soil type, and more. Please contact your Terra Novo representative for site specific recommendations. Each site is unique, and as such, the following application rates are based on averages in the field.

Soil Type	Gallons / Square Foot	Gallons / Acre	Dilution Rate
<i>Sand</i>	<i>0.0050 gal / sq. ft.</i>	<i>220 gal / acre</i>	<i>10:1</i>
<i>Silt</i>	<i>0.0057 gal / sq. ft.</i>	<i>250 gal / acre</i>	<i>10:1</i>
<i>Clay</i>	<i>0.0064 gal / sq. ft.</i>	<i>280 gal / acre</i>	<i>10:1</i>

SURFACE PREPARATION

When possible, roadways should be graded. This will allow for maximum penetration of DustTAG, allowing DustTAG to agglomerate the dirt particles, allowing for deeper penetration and protection. For silt and clay roads, compaction of the road after application of DustTAG will ensure a lasting result. For average conditions, a single application will last an entire season. DustTAG remains wet during application and continues to cure as it controls the dust.

SAND SIEVE ANALYSIS

Sand Sieve Analysis is a practice or procedure used to assess the particle size distribution of granular material. The size distribution is critical in determining the type of dust suppressant needed and application rates to be used. The practice of Sieving is quick and accurate, measuring the maximum diameter of a sediment grain. There are four aspects of this proven test, including sizing, sorting, kurtosis, and skewness. After the analysis, we can determine the percent sand, silt and clay in your soil, and textural class, thereby recommended an accurate application rate and method for your needs.

Particle Grade	Size (mm)	Surface Preparation
very coarse sand	1-2	Grading is optional prior to application.
medium sand	0.25-0.50	
fine sand	0.125-0.25	
silt	0.0039-0.0625	Grade the surface smooth prior to application for better coverage/penetration.
clay	less than 0.0039	

For a free Sieve Analysis, please send a sample of your soil to:

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ABOUT US

Terra Novo is dedicated to helping the Storm Water and Erosion Control industry comply with strict Federal Clean Water regulations. We provide cost-effective Best Management Practice solutions that more and more erosion control and storm water specialists are turning to. Our engineers and chemists pride themselves by maintaining a hands on approach to solving site-specific problems. We have developed product lines for erosion control, dust control and storm water run-off with the end user in mind. All of our products are highly effective, extremely affordable, and environmentally friendly.

For technical services or to locate your nearest DustCap Organix Plus dealer, call 1-888-843-1029 or visit us online at www.terranovo.com.