

DustGuard Organix Plus

Dust Suppressant



The Enhanced, Eco-Friendly Solution.

BENEFITS

- *All Natural*
- *Low Application Rates*
- *Eco-friendly*
- *Long lasting*

APPLICATIONS

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

DustGuard Organix Plus is custom blend of soy based dust suppressants and dispersants. DustGuard Organix Plus has the same eco-friendly characteristics found in our other bio-based dust suppressants, however, DustGuard Organix Plus has been modified to increase soil penetration with an added emulsifying agent so it can be diluted with water, resulting in lower application rates and better coverage. With its ability to disperse in water thereby customizing application rates and times based on your specific needs, DustGuard Organix Plus is the most flexible dust suppressant on the market. DustGuard Organix Plus is extremely user-friendly and can be driven on immediately after application. DustGuard Organix Plus has excellent resistance to UV degradation and weatherability and will not run off due to rain.



Terra Novo

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Application Rates & Techniques

APPLICATION

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

DustGuard Organix Plus works best when diluted and applied in multiple light passes rather than one heavy pass. Each application is cumulative, thereby requiring less frequent reapplications.

| Soil Type | Gallons / Square Foot | Gallons / Acre | Dilution Rate |
|-------------|-----------------------------|-----------------------|---------------|
| <i>Sand</i> | <i>0.0062 gal / sq. ft.</i> | <i>268 gal / acre</i> | <i>20:1</i> |
| <i>Silt</i> | <i>0.0068 gal / sq. ft.</i> | <i>300 gal / acre</i> | <i>10:1</i> |
| <i>Clay</i> | <i>0.0076 gal / sq. ft.</i> | <i>332 gal / acre</i> | <i>6:1</i> |

SURFACE PREPARATION

When possible, the roadways should be graded to break the surface to an equal blend of dirt and clay, allowing DustGuard Organix Plus to penetrate and work with the dust to bond the substrate.

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 DustGuard Organix Plus dealer, call 1-888-843-1029 or visit us online at www.terranovo.com.