



DuraGuard

Dust Suppressant

The Lasting Solution.

BENEFITS

- *All Natural*
- *Long Lasting*
- *Economical*
- *Biodegradable*

APPLICATIONS

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

DuraGuard is an emulsified resin specifically formulated for severe dust control problems. Used best on heavily traveled dirt roads and haul roads, DuraGuard is a reliable soil binder that penetrates the aggregate at deeper rates than typical dust suppressants. DuraGuard is an all-natural, environmentally safe oil that will protect your soil from weather and traffic degradation, lasting up to 1-2 years. DuraGuard is easily applied with almost any type of spray equipment. The solubility of DuraGuard in water makes it extremely easy to work with. The versatility of this multi-purpose dust suppressant makes this an excellent selection. DuraGuard is shipped as a concentrated product and applied at large dilution ratios making it extremely cost-effective.



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 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.

DuraGuard works best when 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
Sand	0.0052 gal / sq. ft.	227 gal / acre	20:1
Silt	0.0065 gal / sq. ft.	284 gal / acre	15:1
Clay	0.0069 gal / sq. ft.	304 gal / acre	8:1

SURFACE PREPARATION

Rougher roads should be graded prior to application, allowing DuraGuard to penetrate the surface and agglomerate the dirt particles.

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	No grading necessary.
medium sand	0.25-0.50	
fine sand	0.125-0.25	
silt	0.0039-0.0625	Grade the surface, loosening the top inch of soil 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 DuraGuard dealer, call 1-888-843-1029 or visit us online at www.terranovo.com.