

Soil Stabilization

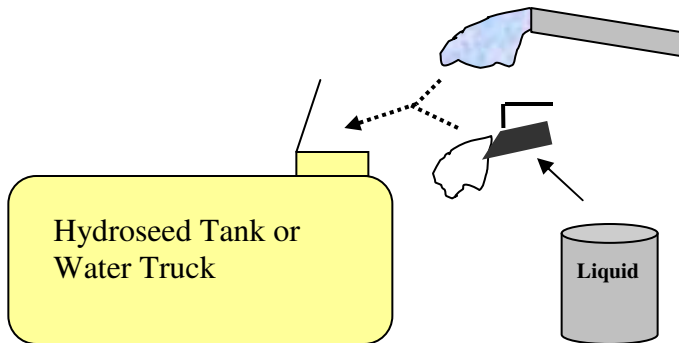
Dust Control

The APS Silt Stop emulsion material is designed to agglomerate and bind very fine particulate. This mechanism has been shown to reduce airborne dust from haul roads, waste dumps, tailings piles, and open areas on construction sites. Duration between watering will vary with weather and road conditions.

The use of APS Silt Stop material is intended to reduce the amount of airborne dust by increasing the soil particle size, and decrease the amount of water applications required to control fugitive dust.

- i. This application is not intended to completely replace a dust control watering regime.
- ii. The application rate should be $\frac{1}{4}$ - $\frac{1}{2}$ gallons of emulsion / 1000 gallons water per $\frac{1}{3}$ acre coverage. Polymeric additions to water are limited by high viscosity; do not exceed 1 gallon emulsion / 1000 gallons water.
- iii. Spraying device with a mechanical agitator, mixing apparatus or hydraulic recirculation is best. However, the Silt Stop emulsion can be added in any water truck but care should be taken to assure mixing of the emulsion into the water.
- iv. Application will need to contact 85% or greater of the target material within the spray area for the Silt Stop to be effective.
- v. The Silt Stop material is designed for temporary stabilization only. Reapply the Silt Stop emulsion as needed. Heavy traffic areas may require more frequent applications.

Step-by-step Dust Control Application

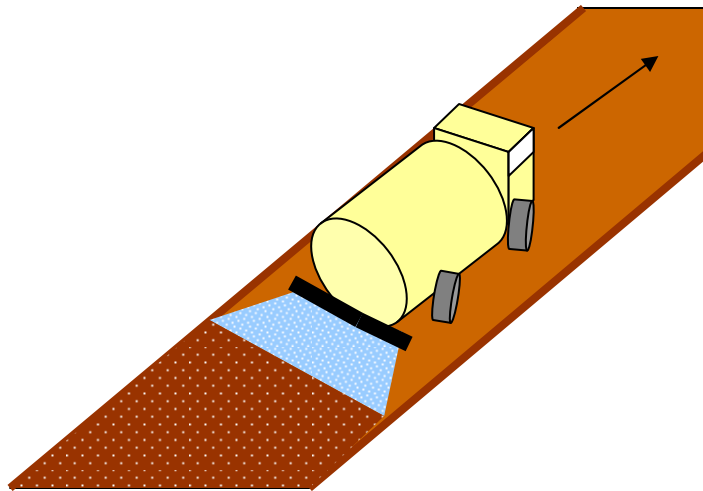


Step 1: Add Emulsion to Water

Add the Silt Stop emulsion slowly to the water to prevent clumping and poor performance.

It is suggested that the polymer material be added while the tank is filling and/or the agitator is running.

Allow 2-3 minutes of mixing time before application.



Step 2: Spray Target Area

Spray the target area just like a normal water application.

Spray needs to contact at least 85% of the target surface area to be effective.

Before Application



After Application

