

# Dust Control

## ROAD-HARD®

NATURAL SOIL HARDENER

WATER REPELLENT & DUST CONTROL

- Saves Money
- Saves Time
- Eco-Friendly



***Lasts 60 to 90 days***

- Improves air quality for better visibility and health
- Addresses EPA's PM 10 compliances standards.
- Prolongs the life of machinery and equipment; reduces maintenance repair costs.
- More cost effective than any other clean dust control method—including plain water.
- Easy to apply and clean-up after—saves labor, equipment, and water.

L&Q's ROAD-HARD® consists of bio-degradable, environmentally friendly, bio-polymers that are highly effective and easy to apply. Dust control helps preserve a soil body's integrity by keeping its surface intact. ROAD-HARD® preserves natural compaction by binding to soil particles so they remain grounded. This prevents natural erosion from wind and rain and less soil pollution in waterways and in the air.

### Value Proposition

Detailed cost comparisons show real savings using ROAD-HARD® vs. applying water to a designated area 2 x per day over a period of 60 days.

**Area to be treated: A two lane dirt road 1 mile long  
20 ft. x 5,280 ft.=105,600 sq.ft. (2.42 acres)**

#### ROAD-HARD®:

Product Required: (with 0% aggregate/gravel)=4,224 lbs.  
x \$1.60 per pound (\$0.064 per sq.ft.) x 105,600 sq.ft.=  
\$6,758

5,900 gallons of water (\$.064), fuel (\$25), truck  
expense (\$60), labor (2 men x \$20/hr. x 4 hrs.=  
\$160)=\$245

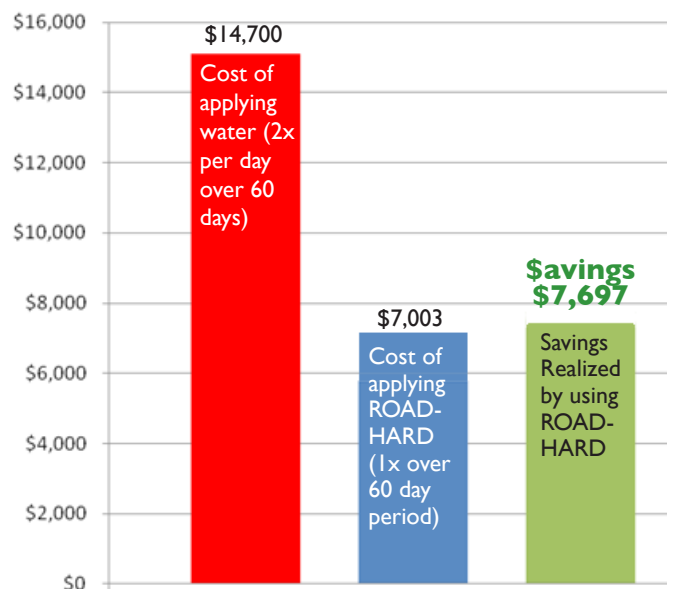
**Total Cost: (\$6,758 + \$245) = \$7,003 per mile**

#### WATER ONLY:

5,900 gallons of water per application(?) (estimated at  
2 x per day), truck expense (\$60), labor, (2 men x \$20/  
hr. x 4 hrs.= \$160), fuel (\$25)=\$245 per day

**Total Cost: (\$245 x 60 days)=\$14,700 minimum+  
water**

Savings realized over a 60-day period  
water only vs ROAD-HARD®  
(Soil surface has no aggregate/gravel)



**SAVINGS REALIZED: \$14,700 - \$7,003 = \$7,697**

# Clean, Cost-effective Dust Control

## Environmentally Friendly

- Parking lots and driveways
- Gravel and dirt roads
- Work areas and hardstands
- Livestock areas
- Construction sites
- Runways and aprons

### Dust control on exposed soil

ROAD-HARD® is a highly-effective, safe and easy-to-use dust control product. It is used for treating soils subjected to light and heavy wind and traffic. The result is less dust, less erosion, and less soil pollution in waterways and populated areas.

■ ROAD-HARD® is a bio-degradable, bio-polymer that is applied by being dispersed into tilled soil in dry powder form. It is then blended into the soil, wetted, and compacted.

■ ROAD-HARD® is applied at 1/4 inch depth for dust control. The treated soil surface hardens with some flexibility.



Super Sack/Bulk Bags bagged to customers' requirements

100 pound sample bag



(covers 2,500 sq.ft. x 0.25 inch)  
\$160 each plus freight

## Fast and easy application



1. Apply 1/4 inch dry ROAD-HARD® polymer with a drop spreader and blend into the soil.



2. Wet the polymer with ROAD-HARD® additive dissolved in water, compact, and allow to dry.

**L&Q**  
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L&Q provides a suite of cost-effective soil products and solutions that address critical infrastructure needs.

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