TREAT YOUR GRAVEL ROADS BETTER

From reduced aggregate replacement to lower maintenance costs to greater dust control, DustGard® treats your roads better. And that means your roads will start treating your budget better too.

LESS
GRANULAR REPLACEMENT
EQUIPMENT WEAR AND TEAR
MAINTENANCE AND MAN HOURS

GREATER
VISIBILITY
AIR QUALITY
STABILIZATION AND DUST CONTROL

1-800-693-3334 | DustGard.com
KEEP YOUR MAINTENANCE COSTS GROUNDED
42-61% REDUCED AGGREGATE LOSS

TOTAL AGGREGATE LOSS

<table>
<thead>
<tr>
<th></th>
<th>untreated</th>
<th>CuCl₂</th>
<th>MgCl₂</th>
<th>Lignin</th>
</tr>
</thead>
<tbody>
<tr>
<td>ton per mile per vehicle</td>
<td>2.59</td>
<td>1.49</td>
<td>1.04</td>
<td>1.01</td>
</tr>
</tbody>
</table>

Colorado State University concluded that “the cost savings of retaining aggregate on the treated sections more than offset the costs of the dust suppressants”.

30-46% LOWER MAINTENANCE COST

ESTIMATED ANNUAL MAINTENANCE COSTS

<table>
<thead>
<tr>
<th></th>
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<th>CuCl₂</th>
<th>MgCl₂</th>
<th>Lignin</th>
</tr>
</thead>
<tbody>
<tr>
<td>cost per mile per vehicle</td>
<td>$38</td>
<td>$26</td>
<td>$21</td>
<td>$21</td>
</tr>
</tbody>
</table>

Annual maintenance costs included aggregate replacement, labor and equipment use of water trucks, motor graders and compactors, and chemical treatment material costs.

Researchers also established TRAFFIC LEVELS AT WHICH DUST SUPPRESSION WOULD BE COST EFFECTIVE

COST OF TREATMENT VS. AVERAGE DAILY TRAFFIC (ADT)

Aggregate cost of $11.57/ton in place

Calcium chloride and lignin treatments became cost effective at 130 ADT, while MAGNESIUM CHLORIDE TREATMENTS BECAME COST EFFECTIVE AT 100 ADT.

(assumes aggregate cost of $11.57/ton in place)

“Because of DustGard, it’s been nine years since we’ve needed to re-gravel any of our roads. But, our biggest benefit is public safety and customer satisfaction. Since we’ve been treating our roads, we have reduced our complaints from the public by 90 percent.”

VERLIN VAN ZEE
Deputy Director of Highways
Lakes Highway District, Idaho

For more information or to locate a distributor near you contact us today

9900 West 109th Street, Suite 100 • Overland Park, KS 66210 • 866-683-3334 • www.dustgard.com
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