

# Dust Management In Agriculture

Solution designed specifically to address the dust management problems facing the agricultural industry.



Traffic on a farm normally includes a mix of light and heavy vehicles, each generating dust as the vehicles move around the property on unpaved roads. The dust blown from these roads negatively influences the health of vegetation, agricultural workers, and ultimately the farm's profits.

## Dangers of Dust

- Dust creates unfavourable conditions for the natural enemies of scale insects, like ladybugs, which is why heavy scale infestations are often associated with deposits of dust.
- Dust covering on leaves negatively affects photosynthesis by shading the surface of leaves, increasing leaf temperature, and plugging stomata.
- Agricultural farmworkers who are routinely exposed to airborne dust are more likely to develop respiratory problems.
- Coarse dust particles sandblast the surface of unpaved roads eroding the stable crust, dislodging additional particles, and if left untreated will cause further erosion.
- Rough eroded roads cause unnecessary wear and tear on transport vehicles and equipment and can cause injury or bruising to the fruit and vegetables that are in transit.



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If dust is a problem on your farm and you currently spray water on your dirt roads more than once a day, we can provide you with a cost-effective, eco-friendly, and longer lasting solution.

## Our Solution

Leading African dust suppression company, FlowCentric Mining Technology, provides a solution specifically designed to address the dust management problems facing the agricultural industry.

Roadtech Agri is a biodegradable, water-soluble product which is safe to use near sensitive areas, including water sources, crops, and trees, and along orchard roads. The product is specifically formulated for high, heavy traffic volumes. The product's binding properties promote road surface stability which, in turn, reduces the wear and tear on vehicles, and equipment traveling the roads.

Using our recommend ratios and maintenance schedules, you can easily incorporate Roadtech Agri into your routine dust suppression procedures. Our spray-on product delivers smooth water-resistant road surfaces that are skid-resistant in wet weather and virtually dust free during the dry seasons.

While drastically decreasing your dust problems, our solution allows you to save on fuel and water costs by reducing the number of times roads need to be sprayed.

## Availability

We have established various agricultural depots in South Africa.

Our Roadtech Agri product is available in Groblersdal, Wellington and Letsitele, with further sites possible in the future.



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