

Aggregate Roads Dust Control – A Brief Synthesis of Current Practices

More than 50 percent of U.S. roadways are gravel roads, making them a vital part of our transportation system. One of the drawbacks and biggest complaints about gravel roads is the dust they produce when vehicles drive over them. Dust settles on homes, yards and parked cars, potentially reducing quality of life for people who live along gravel roads. Dust can also adversely affect air quality and reduce safety by impairing drivers' vision. To control dust on gravel roads, local agencies apply various dust suppressants, mainly calcium chloride and magnesium chloride. However, many other dust suppressant options exist.

The Minnesota LRRB has developed a new document, [Dust Control of Aggregate Roads, A Brief Synthesis of Current Practices](http://www.lrrb.org/pdf/2013RIC67.pdf), to provide local agencies with a summary of research on various dust suppressants, their effectiveness and impacts. The report, which includes information on both Minnesota and Iowa practices, is available at the following link: <http://www.lrrb.org/pdf/2013RIC67.pdf>.



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