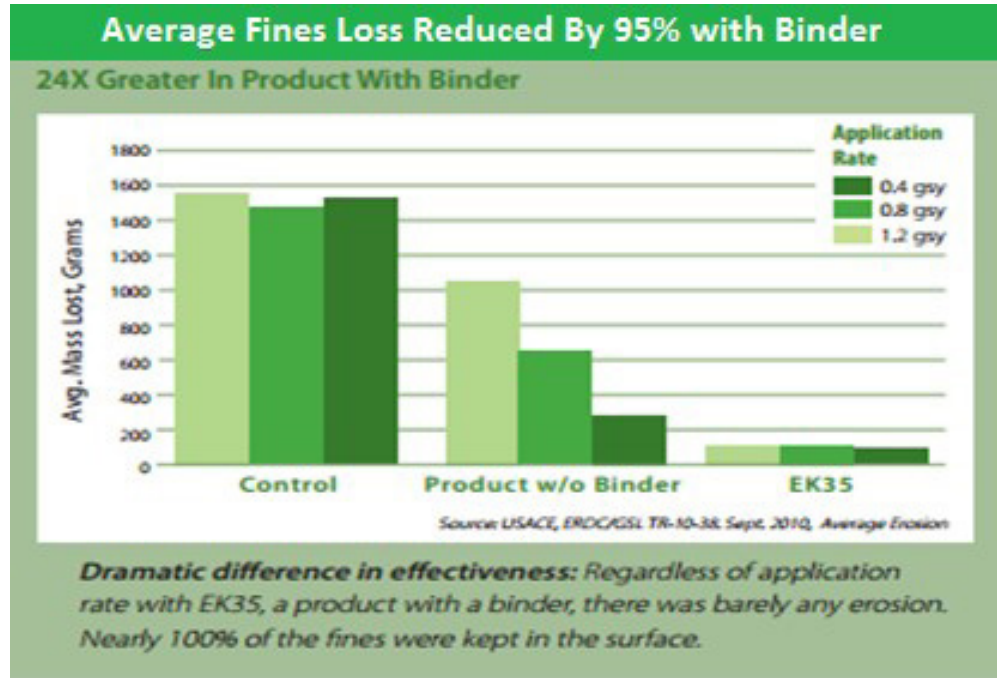


Gravel Runways

Preserve 80-90% of Previously Lost Gravel and Fines



RESULTS

Binder technology used in Midwest's Fines Preservation Program reduced the volume of fines removed by over 98% when compared to the control/untreated tests.

Binder technology used in Midwest's Fines Preservation Program reduced the volume of fines removed by up to 95% when compared to a similar product without binder technology.

TESTING METHOD

The results above were produced from a comprehensive series of tests performed by the United States Army Corp of Engineers in an effort to study and understand current dust palliatives on the market and their performance. This two-part study consisted of laboratory testing as well as field tests and data collection. The laboratory portion evaluated the performance of 13 dust palliatives under simulated helipad conditions at different application rates. The field portion of the study included constructing 13 helipads and subjecting them to live flight testing. From these tests, the Army Corp of Engineers collected and analyzed data to assess the performance of each products. The graph above illustrates their findings which show that the binder technology used in the Fines Preservation program dramatically reduces the volume of fines removed from the surface when compared to untreated surface as well as surface treated with products that do not contain binder

The videos below illustrate the significant reduction in the amount of lost aggregate and fines when utilizing Midwest's Fines Preservation program on gravel runways.

Control/untreated runway: <http://midwestind.com/resources/gravel-runways-ek35/>

Treated runway: <http://midwestind.com/resources/cessna-172-landing-fines-preservation-runway-4-years-later/>