



Sustainable Technology Evaluation and Demonstration (STED) Program

Safer Choice Granular Sidewalk Deicer Demonstration



Technology Description

U.S. Environmental Protection Agency (EPA) Safer Choice certified granular deicers utilize safer chemistries to reduce the amount of sodium and chloride released to the environment.

Potential Impact

- More efficient product use; potential cost savings.
- Reduce equipment maintenance/repair due to corrosion.
- Reduce negative impact to vegetation, soil, and water quality.

Benefits (compared to rock salt)

- Reduces sodium and chloride use by at least 30%.
- Reduces corrosion to steel by at least 70%.
- Higher melting efficiency; perform at lower temperatures.
- Do not contain cyanide compounds as anti-caking additives.

Demonstration Sites

- Wright-Patterson AFB
- Hill AFB
- Marine Corps Mountain Warfare Training Center (MCMWTC)
- JBLM

For additional information please contact:

- [DoW STED Program email](#)



Wright Patterson AFB



Hill AFB