



# Sustainable Technology Evaluation and Demonstration (STED) Program

## Biobased Corrosion Inhibitor and Rust Remover Demonstration



### Technology Description

Biobased corrosion inhibitors applied to metal surfaces of equipment, parts, fixtures, and weapons systems as a preservative to prevent corrosion or deterioration; replace chemicals that are more toxic or non-biodegradable. Rust removers are products that are designed to clean and remove grease, oil, dirt, stains, soils, and rust from metal surfaces.

### Potential Impact

- Improve corrosion prevention.
- Reduce coating interference with the use of the associated part or system.
- Reduce negative impacts to workers and environment.

### Benefits

- Non-toxic and biodegradable; little to no Volatile Organic Compounds.
- BioPreferred Product Category: expand markets for domestic agricultural products.

### Demonstration Sites

- NASCC
- Redstone Arsenal
- CCAD
- U.S. Navy FRC-SE

**For additional information please contact:**

- [DoW STED Program email](#)



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