



# Using NanoCote™ Core

**Benefits:** Use NanoCote Core to increase plant nutrient uptake, protect nutrients from environmental losses, and reduce dust and buildup on equipment.



## Rate

Apply NanoCote Core at 3 qts per ton for most fertilizer products. Contact your NanoCote sales representative for custom guidelines.



## Application

NanoCote Core can be applied directly or sprayed on. NanoCote disperses quickly and evenly when blended. NanoCote is compatible with most spray applicators with the exception of very fine sprays and misting.

If there will be minimal blending following application, it is desirable to achieve an even spray coating for each particle.



- Average mixing time: approximately 5 minutes
- Average dry time: approximately 5 minutes

## FAQ

- **Does NanoCote Core need to be agitated prior to application?**  
It is not necessary, but agitation is recommended before application.
- **Does NanoCote Core work with any fertilizer?**  
Yes, NanoCote Core is compatible with most common dry fertilizers. Use caution with very fine particle sizes. Use caution when mixing with high rates of gypsum, lime, soil amendments, or nitrate fertilizers
- **Will NanoCote Core reduce dust?**  
Yes, NanoCote Core is highly effective at reducing dust.
- **Will NanoCote Core reduce nitrogen loss?**  
Yes, NanoCote Core reduced nitrogen losses using the unique properties of nanoparticles and increased plant uptake.
- **Can I apply NanoCote with other coatings?**  
Yes, NanoCote Core is highly compatible with most coatings. However, always perform a compatibility test before combining with other coatings or applying NanoCote Core with equipment used to apply other coatings such as products containing NBPT.
- **Is NanoCote Core a plastic coating?**  
No, NanoCote core is a co-polymer that is highly biodegradable and environmentally friendly.

Common Compatible Formulations:

- ✓ Urea 46-0-0
- ✓ DAP 18-46-0
- ✓ MAP 11-52-0
- ✓ AMS 21-0-0-21S
- ✓ KN 13.5-0-44
- ✓ SOP 0-0-50
- ✓ MOP 0-0-60
- ✓ KMag 0-0-21-10 Mg-21S