



Calcine®

IMPROVE SOIL STRUCTURE AND PRODUCTIVITY WITH CALCINE®

Whether dryland or irrigated, Calcine® mobilizes salts out of the root zone and improves soil productivity. Reducing soil salinity improves soil health by increasing water infiltration and water-holding capacity reducing compaction and boosting rates of earthworm establishment. Together, these effects reduce production costs and increase yields.

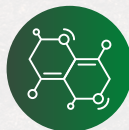
- **Amends Sodic Soils:** Calcine® mobilizes salt out of the soil profile, reducing sodium, chloride and carbonate salt concentrations in the soil.
- **Improves Soil Structure:** Removing salt from the soil profile opens sealed soils. This improves infiltration rates, reduces ponding and improves overall permeability.
- **Boosts Nutrient-Holding Capacity:** Salts eliminated through Calcine® application can be replaced by higher-value nutrients such as calcium to flocculate the soil. When salts are replaced by calcium and other nutrients, soil fertility, structure and permeability further improve.
- **Releases Nutrients:** Field studies have shown Calcine® to increase soil nitrate and phosphate concentrations.
- **Supports Earthworm Establishment:** Once Calcine® removes salt from the root zone and improves soil structure, earthworm populations rise. Earthworms are essential in nutrient cycling, residue decomposition, soil drainage and permeability.
- **Reduces Water Use:** Calcine® improves soil structure, which increases soil waterholding capacity and permeability. An Arizona alfalfa grower reduced water use by 40 percent after four months of treatment.
- **Increases Alfalfa Quality:** Application of Calcine® has been shown to increase important forage components. Early analysis from a farm in Arizona reported higher protein, fat and calcium. Analysis also showed a reduction of sodium and chloride content, and higher total digestible nutrients.

For more information visit www.calcine.us



Suggested Uses:

We recommend Calcine® for dryland or irrigated farms with sodic soils, saline soils or stratified soils.



Ingredients:

Derived from carbon-based compounds and protein cofactors.



Typical Application Rates:

One gallon of Calcine® per acre.
Consult your local Calcine® dealer for more information.