



## **CALCINE®: A LESS HARMFUL ALTERNATIVE TO SULFURIC ACID**

Sulfuric acid is commonly mixed with irrigation water to amend sodic soils. Calcine® also amends sodic soils, but without the harmful effects seen with sulfuric acid application. These include handling hazards, equipment corrosion and reduced soil biological activity.

## **IMPROVE SOIL STRUCTURE WITH CALCINE®**

When added to irrigation water, Calcine® mobilizes salts out of the root zone and improves soil productivity. Reducing soil salinity improves soil health by increasing water-holding capacity and infiltration, reducing compaction and boosting rates of earthworm establishment. Together, these effects reduce dependency on irrigation and lower production costs.

Salts eliminated through Calcine® application can be replaced by higher-value nutrients. We recommend applying calcium to Calcine®-treated fields to help flocculate the soil. When sodium is replaced by calcium and other nutrients, soil fertility, structure and permeability improve.



Both Calcine® and sulfuric acid are used to amend sodic soils and to liberate nutrients within the soil. However, there are distinct advantages to using Calcine, from a crop result, soil component, and handling perspective.

