



# Protos-32<sup>®</sup>



## Improve Soil Structure and Productivity with Protos-32<sup>®</sup>

Whether dryland or irrigated, Protos-32<sup>®</sup> 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 dependency on irrigation and production costs.

- **Amends Sodict Soils:** Protos-32<sup>®</sup> 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 Protos-32<sup>®</sup> 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 Protos-32<sup>®</sup> to increase soil nitrate and phosphate concentrations.
- **Supports Earthworm Establishment:** Once Protos-32<sup>®</sup> 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:** Protos-32<sup>®</sup> improves soil structure, which increases soil water-holding capacity and permeability. An Arizona alfalfa grower reduced water use by 37 percent after four months of treatment.
- **Increases Alfalfa Quality:** Application of Protos-32<sup>®</sup> 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.ericksoncustomoperations.com](http://www.ericksoncustomoperations.com)

