

# SOIL SPEAKS WE LISTEN



## Benefits of Protos-32

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## ST Biologicals Presents

Protos-32 contains natural ingredients to facilitate the removal of salts from the soil improving soil structure. Once in soil water Protos-32 solubilizes calcium carbonate and calcium bicarbonate with the reaction releasing calcium ions, water and carbon dioxide moving salts out of the root zone. This improves soil aeration, infiltration, percolation and drainage. With improved soil structure water holding capacity is increased as well as earth worm populations increase. It also warms the ground speeding up seed germination and emergence. Protos-32 opens up the soil releasing natural nutrients improving plant productivity.

## Suggested Uses

For farms with manures, sodic/saline soils, compacted/stratified soils, and irrigation systems.

## Ingredients

Derived from carbon-based compounds and protein cofactors.



## Product Benefits

Protos-32 improves soil health by flocculating the soil increasing water infiltration and water – holding capacity, reduces compaction, improving soil structure and productivity.



### YIELD ENHANCEMENT

- Increased germination and faster emergence
- Increased plant health from balance of nutrients in plant tissue
- Improved yields for improved ROI/acre



### IMPROVEMENT ON ENVIRONMENT

- Improves soil structure
- Amends sodic soils
- Reduces water use



### SYSTEMATIC ACTION

- Releases positive cations in the soil
- Increase in holding capacity of negative anions in the soil
- Actively increase release of nutrients in manures



### EASY TO HANDLE

- Liquid form that mixes easily
- Compatible with most fertilizers
- See your consultant for specific recommendations