

Waterworks by  
HALEY MANUFACTURING

# SULFUR BURNER

HaleyMfg.com

## Benefits:

- Certified for organic farmers
- Gravity or pressurized feed systems
- Three standard sizes
- Treat alkaline water and soil
- Complete stand-alone units
- Lower pH of water instantly
- Balance soil pH & soften your water
- Neutralizes bicarbonate
- All stainless-steel construction
- Lowest price of acid available
- Simple installation, operation and maintenance
- Eliminate most types of algae \*Eliminate scale
- Simple to attach to most irrigation systems

## CTC Sulfur Burners from Haley Manufacturing:

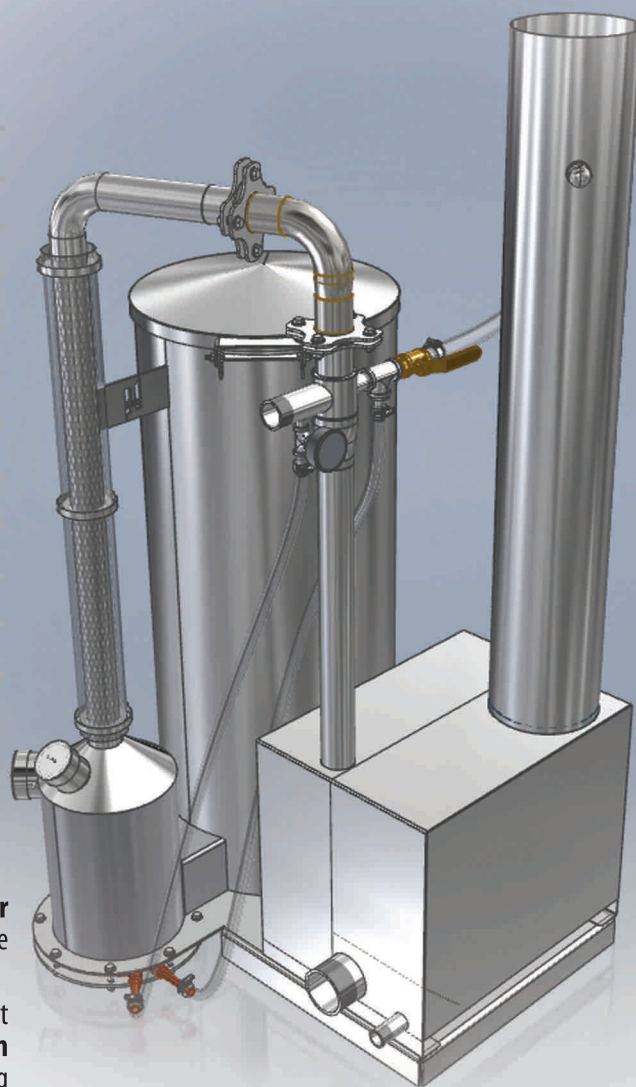
The CTC sulfur burner units are an effective, **cost efficient** solution to **lower the pH of your soil** without the use of expensive commercially available acids or difficult to apply solids.

Our sulfur burner system will substantially lower yearly per acre treatment costs. Whether you need to balance the soil pH, to **reduce sodium saturation in the ground**, or decrease water pH to feed your acid loving crop, our sulfurous acid generators can **save you money!**

## Soil pH:

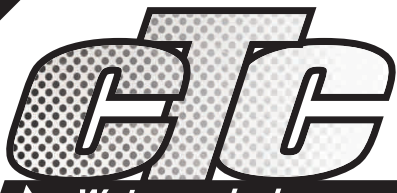
Soil pH is extremely important in all crops, not just organically grown produce. The pH level of your soil determines the availability of nutrients, the ability of the plants to absorb those nutrients, the ability of the soil to transmit water, as well as the activity level of decomposers which break down organic matter in the soil; which all significantly affect crop quality & yield.

When using solid sulfur, 1,000 to 2,000 pounds of sulfur chips/nuggets per acre are needed to reduce the sodium saturation of the soil. Using sulfur chips is expensive, and difficult to apply evenly. It can take months to years to see the effects. Direct application to the soil and the roots via sulfurous acid in your water supply is simply more efficient and effective. This is where CTC's sulfurous acid generators can help!



### Ideal pH Ranges:

Blueberries	4.0 - 5.0	Strawberries	5.5 - 6.5
Cranberries	4.2 - 5.0	Parsley	5.5 - 6.5
Radishes	4.5 - 5.5	Beans	5.5 - 7.0
Sweet Potatoes	4.5 - 5.5	Broccoli	5.5 - 7.0
Potatoes	4.8 - 5.5	Cabbage	5.5 - 7.0
Peppers	5.5 - 6.5	Carrots	5.5 - 7.0
Rhubarb	5.5 - 6.5	Cucumbers	5.5 - 7.0
Onions	5.5 - 6.5	Squash	5.5 - 7.0
Currants	5.5 - 6.5	Sweet Corn	5.5 - 7.0
Edleberries	5.5 - 6.5	Tomatoes	5.5 - 7.0
Gooseberries	5.5 - 6.5	Turnips	5.5 - 7.0
Apples	5.5 - 6.5	Raspberries	5.5 - 7.0
Grapes	5.5 - 6.5		



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## **How It Works:**

The CTC Sulfur Burner melts sulfur chips to liquid; the gas ( $\text{SO}_2$ ) emitted from this process enters a specifically engineered mixing valve which mixes the gas with clean water ( $\text{H}_2\text{O}$ ) to produce an aquatic solution of  $\text{H}_2\text{SO}_3$ .

The newly formed sulfurous acid ( $\text{H}_2\text{SO}_3$ ) is deposited into a collection tank; which is then added to your main water line, into a collection pond, or over manure conveyors.

The CTC Sulfur Burner generates sulfurous acid that our customers have also used to **control algae growth** in ponds, **remove calcium buildup** from sprinklers and irrigation lines, and help **golf courses grow healthier & better looking grass**.

Contact us today to learn about **all the benefits** and **features** of Haley Mfg.'s CTC Sulfur Burners. We look forward to hearing from you!

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**HALEY**  
MANUFACTURING

**Innovation to Integration With a Touch of Magic**

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