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## A proven solution to E-coli, Salmonella and organic contaminants in farm products.

By the nature of their growing environment, field and plant processing, leafy farm products are susceptible to e-coli and other organic food contaminants.

The positive log reduction effects of using copper ionized treated water, in the field and in processing, is well established and documented. **Agri-Ionization Systems, Inc.** is the leader in this technology and the provider of equipment specifically built to solve your contamination problem.

### Step one:

Water treated with Copper ionization, is well established in the technical literature to reduce E-coli and other organic contaminants. These contaminants are found in well water, canals and storage tanks. **The first line of attack:** The ability to stop the growth in irrigation lines (bioslimes), cleaning the canals and well water with copper ions (that kill these contaminants) has an accumulated effect with time and reduces - even a greater log reduction of contamination.



### Step two:

**The second line of defense:** Field sprayers, are equipped to ionize the slurry mix with positive charged copper ions that are attracted to the negatively charged plants. The treated water is attracted to the plants, bonds then kills the organic contaminants.

### Step three:

**The third and final line of defense:** The leafy products are taken to the packing house where they are again washed with copper ionized water. Adding a very small amount of an oxidizer will reduce equipment corrosion and achieve an even higher log reduction of the contamination at the final location.

