

APS

AQUAPULSE SYSTEMS

(888) 239-4447

Tomato Packing Powerful Water Sanitizer

Advanced APS Dioxide™ Treatment



Dump Tank
Bin Wash



Spray Bar

Main Water



Advanced APS Dioxide™ Treatment

APS Chlorine Dioxide (non-chlorine) is one of the most promising treatments available today for use in Tomato packing operations for the treatment water in spray bar, dump tanks, well water, or the main water supply. It is affordable, technically superior and rapidly kills bacteria, virus, fungus, mold, mildew, algae, and spoilage pathogens.

- 10x more soluble in water than Chlorine
- 2.5x more effective than Chlorine, Sodium Hypochlorite or Calcium Hypochlorite
- Less corrosive than Chlorine, Sodium and Calcium Hypochlorite
- Does Not form Trihalomethanes
- Does Not form Chloramines
- Effective at wide pH ranges from 4 to 10
- Effective at very low dosage

Dump Tank Treatment

Tomato dump tanks are commonly used to wash and flume tomatoes, prior to packing. Treatment of this water system is critical since microbial contamination can build up that may cause cross contamination, and increase the risk of food borne illness. The APS Dioxide™ treatment rapidly kills the microbes, and maintains proper water disinfection.



Spray Bar

Spray water wash on tomatoes is very effective and is an excellent way to add a secondary method of disinfection treatment.

The APS Dioxide™ is a rapid sanitizer, and is particularly suitable to spray wash due to the short contact time, and is more effective compared to chlorination or POAA treatment.



Main Water and Well Treatment

Well water or main water system may be treated for disinfection, or may be used to carry a residual sanitizer throughout the water distribution system. A mild sanitizer effect will remain throughout the facility, in washing, cleaning, hosing, and cleaning of equipment surfaces and drains.



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