



# BioDox™

## Organic Compliant Concentrated Liquid Sterilizer

### PRODUCT OVERVIEW



## Seed to Sale Crop Protection

**BioDox™** is a powerful chlorine dioxide ( $\text{ClO}_2$ ) solution that kills harmful pathogens while causing no harm to people, plants, or the planet. Proprietary BioDox™ is the most effective and versatile choice for protection against biofilm, botrytis, mold and powdery mildew, in every step and area of your agricultural operation.

**BioDox™** is the sterilizer of choice because pathogens cannot build up a resistance, even after continuous use. With BioDox™ there is no need to increase dosage or switch to a different solution.

## ADVANTAGES

**BioDox™** protects your crop and your investment with a safe, effective solution that destroys pathogens in a formulation that is:

**Effective** – controls pathogens without negatively affecting crop or harvest, building no resistance with continuous use.

**Versatile** – one solution treats pathogens in every step and area of your operation.

**Ecological** – safe to the user and the environment, with a concentrated solution packaged in recyclable glass to minimize plastic production.

**Economical** – only a few parts per million (ppm) of low-cost **BioDox™** kills pathogens on plants, on surfaces, and in the air.

## APPLICATIONS

**BioDox™** is used as part of a pathogen prevention program specifically for:

- Specialty crops, livestock, fruits and vegetables
- Food and non-food contact surfaces
- Food wash - FDA GRAS (Generally Recognized as Safe)
- Biofilm control in irrigation tanks and lines
- All other surfaces, including walls, floors, cabinets, sinks and equipment

# Kill all pathogens without harming people, plants, or the planet.

BioDox™ can be used anywhere a pathogen can cause infectious disease, plant rot, product putrefaction and contamination. Consult with Biocentric Solutions for the best mode of application for each area and pathogen. BioDox™ kills the most common agricultural pathogens including:

- Molds and fungi like black mold, blue mold, white rot, and purple blotch
- Botrytis allii (neck rot), Fusarium Basal Rot, Aspergillus, E. Coli, and Salmonella

BioDox™ is effective for pathogens found on all crops, including hops, strawberries, onions, potatoes, grapes, and citrus.

## Protect your crop, your workers, your farm, and the planet with BioDox™. Satisfaction guaranteed.

| FEATURE COMPARISON      | Chlorine Dioxide (BioDox™) | Sulfur      | Hydrogen Peroxide | Sodium Hypochlorite (bleach) | Isopropyl/ Isopropanol Alcohol |
|-------------------------|----------------------------|-------------|-------------------|------------------------------|--------------------------------|
| Safety                  | Excellent                  | Poor        | Poor              | Poor                         | Low                            |
| Germs adapt over time   | No                         | Yes         | Yes               | Yes                          | Yes                            |
| Residue and by products | Zero                       | Yes         | Some              | Some                         | Zero                           |
| Cost                    | Low                        | Low         | High              | Low                          | High                           |
| Destroys biofilm        | Excellent                  | Poor        | Poor              | Poor                         | Very poor (promotes biofilm)   |
| Corrosion               | Zero to low                | High        | Low               | Low                          | Moderate (solvent)             |
| Concentration           | 3 – 100 ppm                | 2k - 4k ppm | 5k - 100k ppm     | 500 - 60k ppm                | 700k ppm                       |

## APPROVALS

- Approved for use by U.S. Food & Drug Administration – Title 21, Vol 3, Section 173.3
- Conforms to FIFRA Regulation 152.6 and CDPR section 25(b)
- Approved for use by Occupational Safety & Health Administration – OSHA ID-202



**Contact us today to place your order:**

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## The BioCentric Solutions Ethos

BioDox™ was developed by BioCentric Solutions, a company that believes in creating the most effective solutions to dangerous pathogens without harming people or our planet. Our mission is to create safe and effective solutions that improve the health of the world around us.