OXYBOM™
Next Level Chemistry

APPLICATION RATES

Plant Applications	ORP Reading	Dosage Required
Fruit & Vegetable Production	N/A	Irrigation or drench water rates @ 2 – 4 oz. /1K gals. water
Foliar Spraying	N/A	For diseases, use 2 – 4 oz. / 1 gal. water. 2 – 3% spray to wet.
Post-Harvest Treatment & CIP	+700 – 750 mV	2 – 4 oz. / 1 gal. water

- OXYBOM effective through the Xylem and Phloem when treating plant diseases.
- Over 700mV is effective with pathogens such as Listeria, e. coli, Salmonella, Legionella, bacteria molds, fungus and viruses.
- CIP for processing line pipes and general plant sanitation.

Mechanical Applications	ORP Reading	Dosage Required
Cooling Towers/Chillers	+500 – 550 mV	2 – 4 oz. / 1 gal. water

- OXYBOM effective with controlling biofilm and scale-buildup on chilling pipes. It will also extend the periods between blow-downs.
- Increases efficiency of chiller's energy exchange.

Animal Applications →

Animal Applications	ORP Reading	Dosage Required
Aquaculture	+200 – 400 mV	2 – 4 oz. / 1K gals. water
Livestock/Poultry	+650 – 750 mV	2 – 4 oz. / 1K gals. water

- Generally the usage rate for drinking water for all classes of livestock should be about the same. The most exacting way to set usage rate is by using an ORP (Oxygen Reduction Potential) meter to set the mV (millivolts).

- For younger animals…the lower rate should be used first and then move up, using the meter as a guide.

- Please note that ORP readings will change with different sources of water, i.e. *well water vs municipal water or even well water from different wells.*

- It is advised to test a sample of the water with titration instruments to establish starting rates…using ORP meter as a guide. This rate generally corresponds to 13-26 gallons of OXYBOM to 1 million gallons of water. This applies to *poultry, swine, cattle and other specialty animals.*

Summary of Benefits

- *Superior Water Quality*
- *Able to remove all biological & chemical pre-harvest contaminants*
- *Reliable post-harvest disinfectant & reduces re-contamination*
- *Effective up to 200F on water temperatures*
- *Requires little contact-time*
- *Does not create disinfection by-products*
- *Removes pesticide residual*
- *No need to rinse after treatment*
- *Double the shelf-life of some produce*
- *Approved for organic applications*
- *Excellent sanitizing treatment for ice-making*
- *Anti-corrosive, anti-scalant and destroys biofilm*

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