DISEASE CONTROL & SANITATION

Jet-Ag® Jet-Oxide®

FUNGICIDE, BACTERICIDE, SANITIZER

Jet-Ag®

- **2X the oxidative power**
- Broad spectrum peroxyacetic acid (PAA) sanitizer
- Controls algae, fungi & bacterial diseases
- Labeled as bactericide & algaecide
- Agricultural & horticultural use
- Post-harvest storage fogging

Jet-Oxide®

- Post-harvest sanitizer & industrial disinfectant
- Treatment of raw, unprocessed fruits & vegetables
- Excellent sanitation treatment for fruits & vegetables during processing and storage

Contact, non-selective disease management and sanitation tools combine the power of peroxyacetic acid and oxygen to prevent, suppress and eliminate algae, fungi and bacterial diseases.

JET-AG MULTIPURPOSE SANITATION

JET-OXIDE POST-HARVEST SANITATION

AGRICULTURE

For the control of fungi and plant pathogens

Foliar
Treat to kill or control the growth of disease organisms on plants

Soil
Treat soil prior to planting and prior to inoculation with beneficial microorganisms

HORTICULTURE

For the control of fungi, bacteria and algae

- Foliar spray treatment in the field turf
- Turf (grass) and specialty turf (golf courses)
- Greenhouse surfaces and equipment
- Cut flowers and barefoot nursery stock
- Seed bed treatment and post seed germination

POST-HARVEST

For the control of microorganisms that cause decay or spoilage and citrus canker

- Treatment of raw and unprocessed fruits and vegetables
- Packing house and field equipment sanitation

ADVANTAGES OVER CHLORINE

1) Easier to use because there is no mixing for pH control
2) When PAA breaks down all the compounds they are environmentally friendly
3) Chlorine has many carcinogenic formations upon breakdown and is not as environmentally safe
4) PAA is not corrosive to stainless steel, aluminum and alloys
5) PAA aids in reducing or not aiding mineral scale formation
6) PAA efficacy increases in hot water, is an effective bio-film remover and degrades to carbon, oxygen, water
7) Chlorine requires an additional rinse step

Peroxyacetic acid (peracetic acid) is a low pH, colorless liquid, made of a mixture of acetic acid and hydrogen peroxide in a watery solution.

ART OF USE

Jet-Ag®

Weekly Preventative Treatment

1) Use 0.75 to 1.3 fluid ounces of Jet-Ag® per 5 gallons of clean water
2) Spray or mist plants and trees
3) Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks
4) Based on disease pressure, spray every five to seven days as a preventative treatment
5) At the first sign of disease, spray daily with 3.6 to 7.8 fluid ounces per 5 gallons of water for three consecutive days, then resume weekly preventative treatment

Field crops / Greenhouse Curative: 64-128 oz./100 gal., Preventative: 32 – 64 oz./100 gal.
Soil application Soil applications of Jet Ag can be followed by an application of Stargus® for extended control of soil-borne pathogens
Irrigation water treatment Sanitation: ½ oz./gal., Irrigation: 4.3 – 50oz./1000 gal.
Fruit & vegetable storage systems Fog areas: 3.5-20.0 fluid ounces of Jet-Ag into humidified air per 1000 cu. ft. of room volume

Jet-Oxide®

Examples of Uses

- Sanitization of:
  - Mechanical and manual operations
  - Food contact surfaces
  - Food prep utensils (eating, drinking) & tableware
- Foam sanitation
- Hard surface disinfection
- Combination disinfection & cleaning
- Pre-Treatment prior to sanitization
- For treatment of raw, unprocessed fruit & veg surfaces
- Post harvest treatments of process & packing lines
- Fruit & vegetable water treatment
- Surfaces treated to control spread of citrus canker

Post harvest process & packing lines spray treatment .06-0.23 oz. concentrate/gal.
Raw, unprocessed fruit & vegetable surface treatment Fog areas: one quart of a .02% solution (3.5 oz./16 gal.) per 1,000 cu. ft. of room volume
Fruit & vegetable water treatment 1.12 - 3.5 oz./16 gal.

Mix Jet-Ag and Jet-Oxide with:

Grandevo® WDG Bioinsecticide · Regalia® Biofungicide · Majestene® Bionematicide · Venerate® XC Bioinsecticide · Zelto® · Haven®

OMRI Listed* For Organic Use · MRL Exempt · 0-Day PHI · 4-Hour REI

Find a territory sales manager near you:
marronebio.com/territories

Marrone® Bio Innovations

*All products OMRI Listed except Haven.

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