AGRICULTURAL USES – FRUIT AND VEGETABLE SANITIZATION APPLICATION

Limitations, Restrictions, and Exceptions

AGRICULTURAL USES – FRUIT & VEGETABLE SANITIZATION

APPLICATION: For recommended concentration of available chlorine for various agricultural commodities to be treated, see RECOMMENDED LEVELS OF CHLORINE below.

To obtain a 100 ppm solution of chlorine, add one ounce of Pac-Chlor 12.5% to 10 gallons of water. Use of an acid buffer to control pH is highly recommended. For other application rates, dilute accordingly.

Note: The product degrades with age. Monitoring chlorine level and increasing dosage, as necessary, is recommended to obtain the required level of available chlorine. Since chlorine reacts readily with dirt and other organic matter in dip tanks, the concentration should be checked at least three to four times each day by use of chlorometric or titrimetric kit. Once opened, use the entire contents of the container within 30 days.

RECOMMENDED LEVELS OF CHLORINE

COMMODITY; (PPM Available Cl2)

- Apple; (150-200)

- Artichokes; (100-150)

- Asparagus; (125-150)

- Brussels Sprouts; (100-150)

- Carrots; (100-200)

- Cauliflower; (300-400)

- Celery; (100-110)

- Cherry; (75-100)

- Chopped Cabbage(2); (80-100)

- Chopped Lettuce(2); (80-100)

- Citrus Fruit; (125-200)

- Cucumbers; (300-350)

- Green Onions; (75-120)

- Melons(5); (100-150)

- Mushrooms(3); (100-120)

- Peaches, Plums & Nectarines; (50-100)

- Pears (200-300)

- Peppers(1,4); (300-400)

- Pomegranates 200

- Potatoes(1,4); (65-125)

- Radishes; (100-150)

- Stone Fruit (Hydro-cooler); 30-75

- Tomatoes; (300-350)

NOTE:

1. Concentration given for use in flow through washer system only.

2. After treatment, the adhered moisture must be removed by a centrifugation process.

3. After treatment with the chlorinated water, mushrooms must be treated with an approved anti-oxidant to prevent browning.

4. For treating peppers in a dump tank use 100-135 ppm Cl_2; For treating potatoes

in a pit system use 100-150 ppm Cl2; For treating tomatoes in a dump tank use 70-120 ppm Cl2.

5. For hydro-cooloer use 10 ppm Cl2.

Method
N.A.
Rates
field_rates 0

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Timings
Post-harvest