## SANITATION TABLE



1-888-791-2223

Greenhouse & nursery cleaning, sanitizing and disinfection – Products available at GHL inc. (www.qhlinc.com)

Prevention; the key to a good strategy! Many factors influence greenhouse production success. Environmental factors, among others, can have a serious impact and the primary way to control them is through a good sanitation program.

One of the most fundamental points is prevention, by cleaning and disinfecting both prior to, and during the production process. Also, sanitation is becoming more and more a priority with consumers, making it more and more essential to the producers to ensure success through a good sanitation program.

Polyethylene polycarbonate & glass

Better light transmissior obtained by maintaining deposit-free panels.

Plastic ground-cover.

cultivation gutters

and disinfection of gutters

Dilution: 20 to 50 ml/L

(Empty greenhouse).

eenhouse structure and buildings

Cold room,

Vhen premises and cold room Concrete floors are one of the sanitized, this allows for a safety hazard due to slippag ealthier work environment fo worker as well as extending produce shelf life.

Trailers, trucks and **Concrete floor** transport lifts



All transport vehicles must be ept clean and sanitary during their use.

Wrapping equipment and harvesting shears, work tools containers



ork tools should be sanitized Essential for ensuring tha between each use. roduce is shipped to market

Knives, pruning

Plastic pots, cultivation and narvesting containers



You make significant efforts o maintain sanitary premise Work containers must be It is essential to protect you sanitized between each use premises from any outside

Entrances, boots, cart Water pipes wheels, fork-lift trucks



Removal of calcium scale, deposits and destruction of ferrous bacteria. It is important to keep plumbing sanitary.

Water tanks



Removal of calcium scale, of deposits. It is important to eep water clean and sanitary at all times.

Fruit treatment when wrapping

This treatment ensures that

holesome fruits are shipped

to their final destination.



Wells

rinking water maintenance t is important to keep wate sanitary at all times

Main water entry

and maintaining

sanitary water quality

rinking water maintenance t is important to keep wate sanitary at all times.

## 1st step - CLEANING PRODUCTS

ADHERE NC Methods: A • D • F Dilution: 10 to 20 ml/L

**FOAMCHEK** 1 or 2 times a year, depending on appearance

of algae and dirt. Dilution: 10 to 20 ml/L

**BIO-EZE 3** 

PENBLITZ 228M OR PENBLITZ 228M OR **BIO-EZE 3** Methods: A • D • F

SPECIAL 10 Methods: A • D • F Methods: A • D • F

ADHERE NC - At year-end sanitation

> - Once a week in cold 1 to 2 times a year in working areas or on

structures.

TERAMINE NR BF

Dilution: 10 ml/L

Methods: A • D • F

Dilution: 20 to 50 ml/L

Frequency:

Dilution: 10 to 20 ml/L

Methods: A • D • F

PENBLITZ 228M OR PENBLITZ 228M OR **BIO-EZE 3** BIO-EZE 3 Methods: A • D • F

Methods: A • D • F Dilution: 20 to 50 ml/L

nost significant vectors for

sease as well as a potentia

aused by algae formation on

the surface.

Frequency: - Once a day. - More as needed.

Dilution: 10 ml/L - Once a week for frequently

**SPECIAL 10** 

used carts. Before use for occasional used carts. · More often as needed

Dilution: 20 to 50 ml/L

Methods: A • D • F

PENBLITZ 228M OR **BIO-EZE 3** Methods: A • C • D • F

preparation equipment

fit for consumption.

Dilution: 20 to 50 ml/L SPECIAL 10 Methods: A • C • D • F

Dilution: 10 ml/L

Frequency: At each use. PENBLITZ 228M OR **BIO-EZE 3** 

> Frequency: Before each use.

Dilution: 20 to 50 ml/L

Frequency: - Before each use.

Dilution: 10 ml/L

**SPECIAL 10** 

PENBLITZ 228M OR

Dilution: 20 to 50 ml/L

**BIO-EZE 3** 

PENBLITZ 228M OR **BIO-EZE 3** Methods: A • D • F

Dilution: 20 to 50 ml/L

Frequency: - Entry cleaning once a - More as needed.

**FOAMCHEK** 

Dilution: 10 to 20 ml/L

- At year-end sanitation (Empty greenhouse)

**FOAMCHEK** Methods: A • D • E • F

- At year-end sanitation

Dilution: 10 to 20 ml/l

(Empty greenhouse)

**RIDSTONE** Methods: A • D • E • F Dilution: 10 to 50 ml/L

(Empty greenhouse), to remove calcium depos

size. Contact a GHL

Dilution: Depending on

water volume and wel

- Twice a year. Once at the beginning of the ho

season, once at the

end of the hot season

- More often as needed.

size. Contact a GHL

representative.

Frequency:

representative.

AQQUON BFVA

Method: J

## 2<sup>nd</sup> step - SANITIZING / DISINFECTANT PRODUCTS

TERAMINE NR BF /lethods: A • B • D • F Dilution: 2 ml/L

BIO-SAN BF Methods: A • B • D • F Dilution: 7 ml/L

Frequency: Once a year, at each



TERAMINE NR BF Methods: A • B • D • E • F Dilution: 2 ml/L

BIO-SAN BF Methods: A • B • D • E • F Dilution: 7 ml/L

Frequency: At year-end sanitation (Empty greenhouse).

Frequency:

1 to 2 times a year in working areas or on

More often as needed

BIO-SAN BF

Methods: A • B • D • F Dilution: 7 ml/L

Methods: A • B • D • Dilution: 2 ml/L Dilution: 2 ml/L

- Once a week in cold

structures.

TERAMINE NR BF Methods: A • B • D • F • I

BIO-SAN BF Methods: A • B • D • F • I Dilution: 7 ml/L

Frequency: Once a day.

More as needed.

BIO-SAN BF Methods: A • D • F Dilution: 7 ml/L

TERAMINE NR 📑

Methods: A • D • F

Dilution: 2 ml/L

HYPER SAN BIVA Methods: A • D • F Dilution: 4 ml/L (Normal treatments) or 16 ml/L (Shock treatment) \*see note 1

 Once a week for frequently Before use for occasiona

More often as needed.

TERAMINE NR BF Methods: A • C • D • F Dilution: 2 ml/L

BIO-SAN BF Methods: A • C • D • F Dilution: 7 ml/L

HYPER SAN BIVA Methods: A • D • F Dilution: 4 ml/L (Normal treatments) or 16 ml/L (Shock treatment) \*see note 1

Frequency:

- At each use

Dilution: 2 ml/L BIO-SAN BF Method: C

**DESCRIPTIONS - SANITIZING / DISINFECTANT PRODUCTS** 

WHMIS class(es) and safety equipment

Dilution: 7 ml/L Frequency:

TERAMINE NR BF

Method: C

- Before each use.

TERAMINE NR BF Dilution: 2 ml/L

BIO-SAN BF Method: C Dilution: 7 ml/L

Frequency:

FOAM-IT BF Methods: G • H Dilution: 10 ml/L

\*see note 1 Frequency: - Continuously with automatic system.

Safety warning
(See product MSDS for more de

· 3 times a day with boot dip mats.

Frequency:

Dilution: 7 ml/L

TERAMINE NR BF

Dilution: 2 ml/L

Method:

BIO-SAN BF

Method:

- At year-end sanitation (Empty greenhouse).

Methods: A • D • E • F Dilution: 2 ml/L BIO-SAN BF

TERAMINE NR BF

Methods: A • D • E • F Dilution: 7 ml/L

Frequency: - At year-end sanitation (Empty greenhouse).

HYPER SAN BIVA Dilution: 4 ml/L (For

\*see note 1 Frequency:

- During fruit preparati and wrapping.

**DUTRION BFVA** Dilution: 0.2 to 0.8 PPM Dilution: Depending on water volume and we

AQQUON BFVA

DUTRION BEVA

Dilution: 0.2 to 0.8 PPM Frequency:

- Continuously.



NON CONTROLE FOAM-IT These products are sanitizers/disinfectants and surfaces, tools and not pesticides and should structures. HYPER SAN fungicide, algicide, Sanitizer not be used as such. The Avoid concentrated product contact with use of these products for humans, animals or plants. TERAMINE the use directly on plants to eliminate harmful pathogens) is prohibited. fungicide, algicide,

SPECIAL 10 designed for recirculating cleaning systems. Safe for use on stainless s **EVALUATION OF SOLUTION CONCENTRATIONS** ome products/equipment are available to evaluate active ingredient concentration in your solution or to detect organisms' presence (Protein detection) on you surfaces. Here are some examples: Active ingredient QUATERNARY CHLORINE DIOXIDE PROTEINS AMMONIUM Testing stripes **Titration kit** GO 10





