

## KleenGrow

+ Disinfectant & Cleaner

+ Virucide/Bactericide/Fungicide

## Strip-It Pro and Horti-Klor

+ Cleaners

### GREENHOUSE CLEANING AND DISINFECTING

**Step 1** Using 5 fl.oz/gal (40 ml/L) spray or foam **STRIP-IT PRO** cleaner to pre-wet surface and SOAK all surfaces. **KleenGrow** may also be used as a **cleaner** sprayed at a rate of 1 fl.oz/gal. *Protect any desired plants from direct contact from over-spraying.*

**Step 2** **RINSE** cleaner to remove debris and cleaner (**STRIP-IT PRO** or **KleenGrow**).

**Step 3** Spray or wipe 1.0 fl.oz/gal (8 ml/L) of **KleenGrow** to disinfect pre-cleaned surface and **do not rinse**.

### INDOOR GROWING AREA OR WAREHOUSE CLEANING AND DISINFECTING

**Step 1** Using 5 fl.oz/gal (40 ml/L) spray or foam **HORTI-KLOR** cleaner to pre-wet surface and SOAK all surfaces. **KleenGrow** may also be used as a **cleaner** sprayed at a rate of 1.0 fl oz/gal (8 ml/L) *Protect any desired plants from direct contact from over-spraying.*

**Step 2** **RINSE** all cleaner to remove the cleaner and the debris (**HORTI-KLOR** or **KleenGrow**).

**Step 3** Spray or Wipe 1.0 fl oz/gal (8 ml/L) of **KleenGrow** to disinfect pre-cleaned surface and **do not rinse**.

### GLOVED HAND DIP CLEANING AND DISINFECTING

**Step 1** Prepare a solution of **KleenGrow** by diluting 1.0 fl oz/gal (8 ml/L) *is necessary for virus control*. Pour the solution into a clean plastic container or special reservoir. Cover when not in use.

**Step 2** Test the strength of the dip solution **daily** using QAC Test Strips to ensure that the dip contains a minimum of 600 ppm of active disinfectant at all times. Add more **KleenGrow** concentrate as necessary, to maintain between 600 and 1200 ppm.

**Step 3** Change the solution weekly or when solution becomes dirty. Record the ppm level of the **KleenGrow** solution and when it is changed.

### ENTRY WAY DISINFECTING

**Step 1** Install Entry Way Sanitizer at all greenhouse doors. Follow installation instructions.

**Step 2** Place a drum of **KleenGrow** under the Entry Way Sanitizer.

**Step 3** Set dilution to 1.0 fl. oz/gal (8 ml/L) or 600 ppm and timer as desired. Using LaMotte QAC Test strips check the ppm level of the **KleenGrow** foam regularly.

## FOOTBATH DISINFECTING

**Step 1** Prepare a solution of **KleenGrow** at a dilution of 2.0 fl oz/gal (16 ml/L) or 1200 ppm. Pour into a footbath trough or onto a footbath mat. Fill the trough to a depth of ½ -1 inch and the foot mat to the top of the ribs.

**Step 2** Maintain this depth of liquid during use by adding more **KleenGrow** solution, then testing for ppm level. Test the strength of the **KleenGrow** solution **twice daily** by using the LaMotte QAC test strips to check the ppm level. When the ppm level drops below 600 ppm add fresh solution so the ppm level is back up to 1200.

### CLEANING FOOTBATHS

Periodically use **STRIP-IT PRO** or **HORTI-KLOR** at a use dilution of 2.5 fl oz/gal (20 ml/L) to clean footbath trough or mat to remove plant material and soil. Spray or dip into detergent solution, brush, then rinse thoroughly with clean water.

## TRANSPORTATION TRUCK TRAILER/SHIPPING CONTAINER DISINFECTING

**Step 1** Remove all product and excess material from inside trailer/shipping container.

**Step 2** Make a **KleenGrow** solution in a 5-gallon pail mixing 1.0 fl. oz/gal (8 ml/L) or 600 ppm.

**Step 3** Attach the compressed air line to the mist/atomizer and insert solution tube into the diluted solution of **KleenGrow**. Standing 5 ft. away from wall opposite the door, turn on air and quickly fog walls and ceiling as you back out of the trailer. Apply with a sprayer can also be used.

**Follow Step 1 and 2 in the above Hand-Held Mist/Atomizer directions.**

Place the automatic atomizer in the center of truck and close truck door. Turn on air for 5 seconds. This will penetrate throughout the truck. Wait 5 seconds then open truck door.

## PACKING HOUSE, COOLERS, BREAKROOM AND RESTROOM CLEANING AND DISINFECTING

**Use on door handles, handrails, tables, benches, floors, walls or others hard surface areas where physical contact may be a source of contamination**

### SPRAY BOTTLES OR PUMP-UP SPRAYER

Fill labeled 32 oz spray bottles or 1-2 gallon pump-up sprayers with 2.5 oz per gal (20 ml/L) of **HORTI-KLOR** and 1.0 oz per gal (8.0 ml/L) of **KleenGrow**.

**Step 1** Cleaner Application: Spray **HORTI-KLOR** on all surfaces to be cleaned such as packing equipment, wash stations, tables, benches, walls and floors. Wipe off excess cleaning solution with clean rag.

**KleenGrow** may also be used as a **cleaner** sprayed at a rate of 1 fl.oz/gal.

**Step 2** **Rinse off the cleaner** using a 32 oz WATER spray bottle or 1-2 gallon sprayer. Immediately wipe off excess with clean rag.

**Step 3** Spray or Wipe all pre-cleaned surfaces with a 1.0 fl oz/gal (8 ml/L) **KleenGrow** solution.

- **Non-Food Contact Area:** After spraying the **KleenGrow** solution on all surfaces of packing and processing equipment **DO NOT RINSE**. Allow to air dry or use a clean rag, wipe off excess.
- **Food Contact Area:** After spraying the **KleenGrow** solution on all surfaces of packing and processing equipment where produce comes in contact with the surface **WIPE** or Spray **RINSE** **KleenGrow** treated area with portable water.

**Maintain decontamination by spraying or wiping ALL hard surfaces 3-4 times daily with 1.0 fl oz/gal (8 ml/L) KleenGrow solution.**  
**\*Always label mixed solutions.**