



## **HATCHERY HYGIENE PROGRAMME**

### **A Comprehensive Guide to your biosecurity needs**

With

ViolpluS® and Microcide®

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<b>SECTION</b>	<b>TOPIC</b>	<b>PAGE</b>
1.	Staff	3
2.	Visitors	3
3.	Foot Dips	4
4.	Egg Handling Room	5
5.	Fumigation Room	6
6.	Traying Room Corridor	7
7.	Setter Room	8
8.	Setter	9
9.	Hatcher Room	10
10.	Take off and Dispatch Room	11
11.	Wash Room	12
12.	Hatcher and tray-wash procedure	12

# **HATCHERY HYGIENE PROGRAMME**

## **INTRODUCTION**

The only known way to prevent disease occurrence is to prevent the infection at the point of entry. Biosecurity is not optional but essential to prevent infections and harmful pathogens from coming in contact with the precious process of breeding a healthy batch. The biosecurity measures detailed here match the most stringent norms laid down by any government agency globally.

The following cleaning and disinfection programme is designed to produce the required standard of hygiene for the production of healthy chicks. Careful staff training and supervision is essential to maintain these standards. The biocides / cleaning agents required for each procedure are specified under the relevant section.

## **1. STAFF**

### **FREQUENTLY**

1. Before starting work, after breaks and when changing work activities, wash hands thoroughly using Antibacterial Hand Soap.

### **DAILY**

1. Immediately on arrival at work, go directly to a staff changing room and put on protective clothing and footwear provided.
2. Once changed, move directly to allocated work area after washing hands (see above).
3. At the end of the work shift, return to the changing room and remove protective clothing and footwear.

## **2. VISITORS**

### **AT ALL TIMES**

1. No visitors may be admitted to the Hatchery without first registering in the visitors book and reporting to reception.
2. All the visitors must use protective clothing and footwear provided by the hatchery.
3. Before entering any working area within the hatchery, wash hands thoroughly using Antibacterial Hand soap.

### **3. FOOT DIPS AND VEHICLE DIPS**

NOTE: Foot Dips and Wheels Dips should be maintained at Each entrance to the Hatchery which may be used legitimately during work operations. They must be used by all persons on each occasion they enter the building.

#### **Product requirement**

ViolpluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

Microcide S - Super Concentrated Virucidal Disinfectant

#### **EVERY TWO DAYS**

1. Clean foot dip containers and fill with fresh disinfectant solutions and place at each entrance. Microcide S at 1% (1:100 dilution)
2. Ensure that a foot dip instruction sign is clearly visible near to each foot dip.

#### **EACH VISIT**

1. Ensure vehicles as well as visitors are sprayed on entry to hatchery site using ViolpluS at 1:200 (0.5%).

#### **SAFETY TIPS**

1. Ensure recommended protective clothing is being worn for respective chemicals.
2. Always wear a face visor when using the pressure washer for chemicals.
3. Be trained and competent in the use of the chemicals and pressure washer.

#### **4. EGG HANDLING ROOM**

##### PRODUCT REQUIREMENT

ViropluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

Microcide S - Super Concentrated Virucidal Disinfectant

##### FLOORS

1. Sweep up any debris and dispose
2. scrub where necessary to remove any stubborn soiling
3. Wash with clean water using mops or pressure washer
4. Remove excess water broom
5. Spray with ViropluS at 1:200 (0.5%)

##### DRAINS

1. Remove internal trap (if present) and dispose.
2. Clean down drain holding pit.
3. Flush with water.
4. Pour into drain 5 litres of pre-diluted Microcide S at 1:50 (2%)

##### TWICE WEEKLY

##### WALLS

1. Wash down with clean water.
2. Spray surfaces with ViropluS at 1:200 (0.5%) dilution.

## **5. FUMIGATION ROOM**

### Product requirement

ViolpluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

### METHOD

Frequency: DAILY

### FLOORS

1. Sweeps up any debris and dispose.
2. Scrub wherever necessary to remove any stubborn soiling.
3. Wash with clean water using mops or pressure washer.
4. Remove excess water with broom.
5. Spray with ViolpluS at 1:200 (0.5%) dilution.

### WALLS

Frequency: TWICE WEEKLY

1. Wash down with clean water.
2. Spray surfaces with ViolpluS at 1.200 (0.5%) dilution.

### SAFETY TIPS

1. Ensure recommended protective clothing is being worn for respective chemicals.
2. Always wear a face visor when using the pressure washer for chemicals.
3. Be trained and competent in the use of the chemicals and pressure washer.

## **6. TRAYING ROOM CORRIDOR**

### Product Requirement

ViolpluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

### METHOD

Frequency: DAILY

### FLOORS

1. Sweep any debris and dispose.
2. Scrub wherever necessary to remove any stubborn soiling.
3. Wash with clean water using mops or pressure washer.
4. Remove excess water with wipers.
5. Spray with ViolpluS at 1:200 (0.5%).

### WALLS

Frequency: TWICE WEEKLY

1. Wash down with clean water.
2. Spray surfaces with ViolpluS at 1.200 (0.5%).

## **7. SETTER ROOM**

Product Requirement

ViolpluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

### **Method**

Frequency: Daily

### **FLOORS**

1. Sweeps up any debris and dispose.
2. Scrub wherever necessary to remove any stubborn soiling.
3. Wash with clean water using mops or pressure washer.
4. Remove excess water with wiper.
5. Spray with ViolpluS at 1:200 (0.5%).

### **WALLS**

Frequency: TWICE WEEKLY

WALLS, CEILING, GUIDES, DOORS, FANS, DUCTING, Other equipment

1. Wash down with clean water
2. Spray surfaces with ViolpluS at 1.200 (0.5%).

### **SAFETY TIPS**

1. Ensure recommended protective clothing is being worn for respective chemicals.
2. Always wear a face visor when using the pressure washer for chemicals.
3. Be trained and competent in the use of the chemicals and pressure washer.



## **8. SETTERS**

### Product Requirement

ViolpluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

### METHOD

DAILY or at the time of EACH SETTING

Fog machine interior with ViolpluS at 1:200 (0.5%) dilution, directing the mist towards the sides or above the eggs racks

OR:

Using 0.5% solution ViolpluS put 25 litres mixed solution into tank humidity system.

WEEKLY

### SETTER INTERIORS

1. Switch tray in setter to travel.
2. Switch off machine; put the light open door.
3. Scrape off any broken eggs or soiling on the setter floor with a scraper.
4. Using a brush and dustpan, sweep all floor surfaces and place debris into a dustbin for disposal.
5. Scrub and mop all accessible walls and door panels using ViolpluS at 1:200 (0.5%) dilution.
6. Scrub and mop all floor surface using ViolpluS at 1:200 (0.5%) dilution.
7. Turn machine back on.

WEEKLY

### A. MACHINE FRONTS, TOPS, AND REAR INCLUDING AIR INLETS, DOORS, CONTROL PANELS, ETC.

1. Using a clean cloth, wipe over all surfaces with ViolpluS at 1:200 (0.5%) dilution.

## **9. HATCHER ROOM**

### **PRODUCT REQUIREMENT**

ViropluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

Microcide S - Super Concentrated Virucidal Disinfectant

### **METHOD**

DAILY OR ON EACH HATCH

#### **FLOODS**

1. Sweep up any debris and dispose
2. Scrub where necessary to remove any stubborn soiling
3. Wash with clean water using mops or pressure washer
4. Remove excess water broom
5. Spray with viroplus at 1.200 (0.5%)

#### **WALLS**

1. Wash down with clean water.
2. Spray surfaces with ViropluS at 1.200 (0.5%).

#### **DRAINS**

1. Remove internal trap (if present) and dispose of debris.
2. Pressure wash trap - Add Microcide S at 1:50(0.5%).

#### **AFTER EACH HATCH**

##### **HATCHER INTERIORS**

1. After hatcher buggies with chicks have been removed to all take-off room, strip out all detachable equipment for cleaning.
2. With dry brush, sweep debris to one corner and place in bin for disposal.
3. Pressure wash interior with Microcide S 1:50 (2%).
4. After allowing to soak for 10minutes, wash down all of hatcher with clean water.
5. Squeegee (sponge) all water and foam out of the hatcher with clean water.
6. Replace all cleaned equipment and switch on to warm up.
7. After five or ten minutes switch off and spray all surfaces with ViropluS at 1:200(0.5%).
8. Switch hatcher back on to warm up for transfer.

## **10. TAKE OFF AND DISPATCH ROOM**

### **PRODUCT REQUIREMENT**

ViropluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

Microcide S - Super Concentrated Virucidal Disinfectant

### **METHOD**

AFTER EVERY HATCH OPERATION.

### **FLOORS**

1. Scrub all tables, buckets and equipment with suitable detergent.
2. Rinse down with clean water.
3. Spray surfaces with ViropluS at 1:200 (0.5%).

### **FLOORS**

1. Sweep up any debris and dispose
2. Scrub where necessary to remove any stubborn soiling.
3. Wash with clean water.
4. Remove excess water with sponge or broom.

### **WALLS**

1. Wash down with clean water.
2. Spray surfaces with ViropluS at 1:200 (0.5%) dilution rate.

MIST AREA DAILY AFTER ALL PROCEDURES ARE COMPLETED, WITH VIROLPLUS AT 1:200(0.5%) DILUTION RATE

### **WEEKLY**

#### **DRAINS**

1. Pour into drain 25 litres pre-diluted Microcide S 1:50(2%).
2. Using a clean cloth wipe over all surface with ViropluS at 1:200 (0.5%) dilution rate

### **SAFETY TIPS**

1. Ensure recommended protective clothing is being worn for respective chemicals.
2. Always wear a face visor when using the pressure washer for chemicals.
3. Be trained and competent in the use of the chemicals and pressure washer.

## **11. WASH ROOM**

### Product Requirement

ViropluS - Broad spectrum, Fast acting, Safe Virucidal Biocide

### METHOD

DAILY

### FLOORS

1. Sweeps up any debris and dispose.
2. Scrub wherever necessary to remove any stubborn soiling.
3. Wash with clean water using sponge or broom.
4. Spray with ViropluS at 1:200 (0.5%) dilution rate.

### DRAINS

1. Remove internal trap (if present) and dispose of debris.
2. Clean down drain holding pit.
3. Flush with water.
4. Pour into drain 5 Litres of pre - diluted Microcide S at 1:50(0.5%) dilution rate.

WEEKLY

### WALLS

1. Wash down with clean water.
2. Spray surfaces with ViropluS at 1:200 (0.5%) dilution rate.

## **12. HATCHER AND SETTER TRAYS – WASH PROCEDURE**

1. Empty debris from trays into bins and dispose of.
2. Soak all trays(setter and Hatcher) preferably in a detergent solution in dip tanks.
3. Scrub with brushes or pressure hose off.
4. Spray all trays with ViropluS at 1:200 (0.5%) or Dip in tanks at same dilution.