

3.4 x 200 tablet



AVIAN INFLUENZA

Avian Influenza is the member of a virus family and infect the birds and live their bowels. These viruses are high-grade viruses, but they seldom infest species and infect humans.

The virus is spread by saliva, secretion and feces of the birds. The infected farm surfaces and spring of drinking water are potential sources for more infection and should be disinfected for spreading the diseases.

The persons who directly involved in infected poultry or contaminated surfaces are at risk of infection

For more information of the avian influenza please visit the web pages of WHO (www.who.int) and CDC (www.cdc.gov).

Infection control:

The spreading of the disease can be blocked by disinfection of drinking water and areas. Klortab NaDCC solutions containing Sodium Dichloroisocyanurate (NaDCC) as active biocidal agent provide high degree inactivation against to Avian influenza and other pathogens. For protecting the human infection, all personal should be wear appropriate goggle and dress.

Drinking water disinfection:

The water is very important nutrient for the growing of farm animals but tracking and supplying the drinking water generally overlooked. The disinfection of water has a vital importance for the health of herds at cross contamination. The water treatment by Klortab NaDCC tablets pioneer in conditions as less death, developed weight increase, better utilization rates from feed, improved incubation performance and egg quality.

The water should be disinfected by manually or automatically by using a dosage system.



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KLORTAB NADCC® 3.4 GRAM x 200 TABLETS

For all kinds of farm animal husbandry reliable and easy use surface disinfection tablets

Description:

Klortab NaDCC Tablets produced for the surface disinfection of the farm environment. Klortab NaDCC Tablets are the wide spectrum biocide and when added to water create known and secure concentrated disinfectant solution.

Form: white / off-white, flat beveled edge tablet with break-line.

Strength: each tablet contains 1,7gram NaDCC and 1 gram available chlorine.

Approved solutions:

Power: Each tablet of KLORTAB NaDCC contains 1.000mg NaDCC.

Approved Solutions: All concentration has been approved and verified by Yeditepe University – Istanbul, Ege University – İzmir and Hacettepe University - Ankara

Using areas	Tablet	Water (liter)	Klortab NaDCC strength
Routine disinfection	1	1	1000ppm
Foot bath	1	1	1000ppm
Vehicles – wheels dipping	1	1	1000ppm
Vehicles and equipment	1	2	500ppm
Stall cooling	1	200	5ppm
Pre cleaned stall disinfection	1	2	500ppm
Pre cleaned stall fogging*	1	10	100ppm
Pre cleaned water pipeline disinfection	1	40	25ppm
Incubators, chambers			
Cold fogging after general cleaning	1	10	100ppm
Spraying of wall and floor	1	2	500ppm

* ~ 30 l / h of working solution per 1000 m³ until reaching 90% relative humidity

Using guidelines:

- General environment disinfection
- Make sure that all surfaces where pre-cleaning and all organic dirt are removed are disinfected
- Using 500ppm available chlorine content (1 tablet to 2 liter water)

Examples for Klortab NaDCC applications:

Routine disinfection

1. Foot bath

All stuff must be use foot bath entering and leaving the each room. 1 tablet of Klortab NaDCC 3.4gram to 1 liter water = 1.000ppm available chlorine.

The solution should be changed at least twice a week.

2. Vehicles:

The wheels of the vehicles must pass through the KLORTAB NaDCC solution containing 1000 ppm of active chlorine when entering and exiting the zone and regularly replenishing the solution (at least twice a week). The transport vehicles and equipment must be thoroughly cleaned and disinfected with a solution containing 500ppm of active chlorine power between each operation.



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3. Entrance and passage between animal places:

The outside of each nesting inlet should be washed and disinfected daily with Klortab NaDCC solution containing 500ppm of obtainable chlorine. Intermediate routes must be decontaminated and prevented from hosting many Salmonella species. After regular cleaning, the solution with 500 ppm Klortab NaDCC should be applied by pressure spray.

4. Roof Spraying

Water should be treated using Klortab NaDCC at a dosage of 5ppm and is sprayed or poured down from the roof to cool the nests during hot weather periods.

5. Fuming / Fogging / Fine Spraying

Fuming or fogging is used to prevent air-born cross-infection between animals, or to reduce the level of high humidity that causes stress in birds, to the lowest level, which may occur in hot weather.

Application:

5ppm (1 tablet KLORTAB NaDCC 3.4gm to 200 liter water) for poultry

50ppm (1 tablet KLORTAB NaDCC 3.4gm to 20 liter water) for pigs

6. Hand disinfection

It is necessary to wash hands with disinfection solution at certain critical points, such as collecting eggs. The solution of 100ppm available chlorine is enough.

Terminal disinfection

1. All animals, moving equipment and food are removed. Equipment such as feed and water systems are fixed by adjusting.
2. All areas containing louvers, ducts, lighting elements, protrusions, light fixtures, walkways, staircases, equipment or organic material left out of the driveway are swept, air-blasted or vacuumed. All operations are done from top to bottom.
3. All debris and garbage in the nest are collected, scraped off if necessary and brought to a safety point at least 500 meters away from the yard to be turned over and used as compost fertilizer.
4. Clean all materials and areas (using detergent if necessary) with a pressurized water. Difficult areas are cleaned manually. The water coming from the outside tank is sent to a pit near the region.
5. Disinfection should start immediately after washing. Klortab NaDCC solution is sprayed on all roof lines, including holes and channels, to fully wet the walls and floor surfaces. Fogging occurs in areas where electrical lines exist. It is sprayed regularly with 100 liters of Klortab NaDCC solution for 500 m² surface then left to dry. The process is done from top to bottom and from back to front.

Dosage:

Porous surfaces (concrete etc): 1 piece of Klortab NaDCC Tablet 3,4gr to 2 liter water= 500ppm

Smooth surfaces (tile etc): 1 piece of Klortab NaDCC Tablet 3,4gr to 3 liter water= 350ppm

6. All equipment removed from the nest is rinsed with a water and disinfected with Klortab NaDCC solution containing 500 ppm of obtainable chlorine.
7. All the water in the system is discharged. Where there are algae growth and biofilm deposits such as tanks and water lines, a physical cleaning should be done using an acidic cleaner (vinegar, etc.). The entire system should be washed with plenty of water



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to purify it from the wastes. The Klortab NaDCC should be added to the cap tank at a dosage of 25ppm and the entire system should be filled with solution and allowed to stand for 30 minutes. The system should then be emptied and replenished with fresh water.

8. Animal beds can be taken in 24 hours after spaying is complete
9. After 7 days for breeding and turkey feeding areas, a second spray / fog disinfection is recommended before taking the equipment or making the bedding.

Disease epidemic

Isolation, cleaning and disinfection procedures should be carried out according to the disinfection program given earlier. The power of Klortab NaDCC solution to be used in the disinfection of walls, floors and equipment should be 1,000 ppm.



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