



AVIAN INFLUENZA A

Awareness and Prevention Program

The Asian-origin, highly pathogenic Avian Influenza A (*Bird Flu Virus*) has been causing much concern across the poultry and egg industries. This virus can infect a wide variety of birds, including chickens, ducks, turkeys, falcons, and ostriches.

According to WHO (*World Health Organization*), due to their structure, influenza viruses are relatively susceptible to disinfectants. Fortunately, **Zep Food Division** has programs and products for preventing further spread of the avian influenza disease. Zep also offers food safety consultants in every region to provide service, support and expertise that are unmatched in the poultry industry. All of Zep's sanitation solutions are easy to integrate into existing farm processes.



The following are the practical applications to REDUCE the likelihood of getting Avian Influenza in farms and bird houses.

1. Personnel restriction into the farms and bird houses
2. Spray the wheels of the vehicles at the entryway to the farm with a sanitizer product (**FS Amine-Z, PDC Disinfectant Cleaner II, ProOxine**)
3. Spray the bottom of the truck and if needed the body of the truck with one of the above sanitizers. Please check the label for product instructions and directions for use.
4. Personnel entering farm should wear protective clothing:
 - Disposable overall or cloth covers
 - Disposable gloves
 - Disposable shoe covers
5. If possible, hands should be washed and sanitized with E-2 rated hand soap before putting on the disposable gloves (**FS Antimicrobial Hand Cleaner** Prod# 0996)
6. If no disposable shoe cover is available, use a boot dip station or the truck sprayer at the main entryway to the farm to sanitize personnel using any of the recommended sanitizers
7. Use foot dip station at the door to each bird house using any of the recommended sanitizers.
 - **Make sure to replace the solution when it becomes obviously soiled.**
 - Use test papers or strip to measure their concentrations on a regular basis.
8. Handling containers must be disinfected with any of the recommended sanitizers

Zep Products with Avian Influenza Type A Claims:



FS Amine-Z (Quat) (Prod# 1700)

- 3 oz. per 5 gal of water (450 ppm active quat) to disinfect hard non-porous surfaces

PDC Plain Disinfectant Cleaner II (Quat) (Prod# 6556)

- 2 oz. per gal of water (703 ppm active quat) for use on environmental, inanimate, hard, non-porous surfaces

ProOxine (Chlorine Dioxide) (Prod# 295085 & 295035)

ProOxine AH (Chlorine Dioxide) (Prod# 295235)

- Place 1 1/3 oz. of ProOxine concentrate per gal + 10 grams (2 teaspoons) of food grade citric acid
- ProOxine requires a mixing station to activate the ClO₂. See your Zep Rep for equipment options and testing methods.



Zep 517 Sanitizer Complete
(Prod# N80301)

Model 481 Foamer
(Prod# 834701)

Quat Test Kit (Prod# USP02557)

Quat: 1 or 5 mL sample

- 1 drop = 10 ppm / 5 mL
- 1 drop = 50 ppm / 1 mL

Quat Test Strip

(Prod# USP02321)

- 0 – 50 – 100 – 200 – 400 – 1000 PPM
- 100 strips



Sanitizing Footbath Mat – Tall Wall

- 222.25 X 32 X 39 BK (USP03510)
- 222.25 X 32 X 39 BYL (USP03511)



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