

Application of CHLORINE DIOXIDE in Poultry Farms

CIO2 tablets are an effective disinfectant that offers an alternative to the standard chemicals that are used in Poultry farming.

Presently used Biocides under biosecurity measures

- Bleaching Powder (Tropical chloride of Lime).
- Sodium Hypochlorite.
- Calcium hypochlorite tablets.
- Hydrogen Peroxide
- Formaldehyde
- Quaternary ammonium compounds. Etc...

The Biofilm Challenge in Poultry Farms

Existing water conditions at farms can vary widely. Even if there is a low microbial cell count in the incoming water, most water systems are still plagued by a phenomenon called biofilm.

Biofilm is composed of mineral deposits on the inner pipe surface of drinker lines creating an environment in which bacteria (E-coli, etc.) and other microorganisms can thrive. Since 95% of all microorganisms are hiding in the biofilm, removal of the biofilm is imperative for securing persistent microbiological control of the drinking water.

Slime grows very quickly in water systems. The slime can grow and block free water flow, and forms a contamination which undermines water quality and jeopardizes flock health.



Following benefits can be expected from the farms after using CHLORITAB (CIO2 tablet).

Broiler Farms

- Increases Feed Conversion Rate. (FCR)
- Improved performance of Bird
- Lower Mortality rates.
- Lower Morbidity death.
- Less chances of Health problem being arise.
- Improves uniformity of the flock.

Layer & Breeder Farms

- Less feed cost.
- Longer Egg production cycle.
- Extra water intake
- Lower mortality rates.
- Improved disease control.

Benefits of Using CHLORITAB (CIO2 Tablet).

- High efficiency against E.Coli, Salmonella, Listeria, Aspergillus penicillium, staphylococcus etc...
- Disinfection capacity are not reduced in presence of fats, oils, proteins, body fluids etc... as it's a selective oxidizer.
- Strongly soluble in water (10 times more than chlorine), this increases residue in water reducing the chances of recontamination or cross infection.
- Not affected by pH range in water.
- Removes biofilm from the pipeline and equipment making it very effective.
- Prevents spread of some gastrointestinal disease
- Extremely effective against soil and organic debris in drinking water
- Sray wash sanitization to eliminate birds flu (H5N1)
- Easy to apply and monitor.
- No plant modifications or changes are required.

