



Cool Cell Biologics



BIOFILM PREVENTION

BIOCELL's beneficial microbes colonize cool cells, displacing pathogens and breaking down organic residues. This preserves cell structure, enhancing respiration, evaporation, and performance.



NO HARSH CHEMICALS

BIOCELL's formula supports continuous microbial regeneration on cool cells, reducing manual cleaning and harsh chemicals, enhancing resilience against environmental stress and pathogens.



ENHANCED EFFICIENCY

BIOCELL enhances cool cell performance by improving respiration and evaporation, lowering air temperatures, and reducing pathogen growth, benefiting poultry health and operational efficiency.

BIOCELL enhances poultry house cool cells by using beneficial microbes to prevent biofilm formation, improving performance without the use of harsh chemicals.



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“ **BIOCELL improves cool cell efficiency by reducing harmful pathogen growth.**

Cool Cell Biologics

BIOCELL is a specialized complex of beneficial microbes designed to enhance the performance and longevity of poultry house cool cells by targeting and mitigating the growth of mold, mildew, fungus and other pathogens.

Pathogenic microorganisms are detrimental to the efficiency of cool cells. Over time, they accumulate and form a biofilm that obstructs airflow, reduces the cooling capability of the cells, and creating an environment conducive to further pathogenic growth.

Microbial Cool Cell Enhancer

BIOCELL is a carefully crafted blend of beneficial microbes specifically selected for their ability to degrade organic matter and inhibit the proliferation of harmful fungi, bacteria, and other pathogens that thrive in the moist, nutrient-rich environment of cool cells.

No Harsh Chemicals

BIOCELL's targeted formula promotes the continuous regeneration of the beneficial microbial population on the cool cells, providing a sustained protective effect. This ongoing microbial activity reduces the need for frequent manual cleaning and the use of harsh chemical disinfectants, which can damage the cool cells and reduce equipment operational life. By maintaining a balanced microbial ecosystem, BIOCELL enhances the resilience of the cool cells against environmental stresses, and harmful pathogenic organisms attracted to the cool cell operational environment, ensuring consistent ultra performance.

Biofilm Prevention

When BIOCELL is applied to the cool cells, the beneficial microbes begin to colonize and build communities of healthy microbial organisms, rapidly displacing the pathogenic organisms responsible for biofilm formation. This biocontrol mechanism not only prevents the establishment of mold, mildew, fungus, and other harmful pathogens but also breaks down existing organic residues, facilitating the maintenance of a clean and efficient cooling system.

The reduction of organic matter by the microbial consortium in BIOCELL ensures that the structural integrity and porosity of the cool cells are preserved, allowing for optimal respiration and evaporation improving the cool cell performance.

Improve Longevity and Performance

The application of BIOCELL improves the respiration and evaporation constant of cool cell material, lending to increased evaporative performance and efficiency by lowering incoming air temperatures and reducing the possibility of pathogenic organisms passing through the cool cell structure.

Reduced growth of mold, mildew, fungus, and other pathogens minimizes the release of spores and toxins, which can adversely affect the respiratory health of poultry and humans, alike.

By integrating BIOCELL into regular maintenance protocols, poultry growers can achieve better temperature regulation, lower energy costs, and improved overall productivity, ensuring a more sustainable and profitable operation.