



W O G S

Worthwhile Operational Guidelines & Suggestions

BROILER PROCESSING TIMELY INFORMATION – APRIL 2007

There is a difference...

Know and differentiate these terms:

Antibiotic = A chemical agent that destroys microorganism within the body.

Antiseptic = A chemical agent that is applied to a living tissue to kill microbes. Not all disinfectants are antiseptic, because antiseptics should not harm the living tissues.

Antimicrobial = Substances that kill or inhibit the growth of microbes such as bacteria (antibacterial), fungi (antifungal), virus (antiviral) or parasites (antiparasitic).

Bactericidal = An antimicrobial that kills a bacterium.

Bacteriostatic = An antimicrobial that inhibits bacterial growth, but does not kill the bacteria. A bactericidal agent can be bacteriostatic when used at too-low concentrations.

Dessication = Drying (i.e., removal of water) to prevent growth of organisms.

Disinfectant = A chemical or physical agent that is applied to inanimate objects to kill microorganisms. Not all disinfectants are capable of sterilizing.

Disinfection = To reduce the number of viable organisms by a chemical or physical agent.

Hygiene = Maintenance of health and healthy living. Prevention of diseases through cleanliness.

Pasteurization = Through heating or other means, the process of killing most species of pathogenic bacteria and considerably delaying the growth of others.

Sanitation = Destruction of pathogenic microorganisms from human contact surfaces.

Sterilization = Complete elimination of all microbial viability. There is no gradations in sterility; either it is sterile or it is not.

Surfactant = Substances that increase the solubility of lipids in water solutions. Soaps and detergents are basically surfactants.



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