

## Zagro explains the importance of farm hygiene



**Singapore, Jan 13, 2021 ([IssueWire.com](http://IssueWire.com))** - Farm Hygiene refers to conditions and practices that help to maintain health and prevent the spread of diseases in farming systems. These practices help to reduce transmission of diseases from farm to farm or within a farm. It also reduces the transmission of zoonotic diseases and improves the overall health in the farm with low mortality rates, resulting in optimum production.

Good farm hygiene practices prevent the spread of diseases caused by pathogens categorized as **bacteria** (single-cell organism that causes infections), **viruses** (tiny microscopic infectious agents that replicate within the cells of living hosts), **fungi** (organisms that live by breaking down and absorbing the organic material in which they grow), and **parasites** (organisms that live on or within a host from which they obtain the nutrients they need to survive).

The prevalence of disease stems from a causative agent, a host where the agent is multiple, leading to the transmission of the agent from one host to another. Implementing robust Farm Hygiene practices is critical in breaking this cycle to minimize the disease condition in the farm.

The key steps of farm hygiene practice include the following:

- **Risk assessment:**

- Identifying potential concerns or problems
- Evaluating who and what enters and leaves the farm
- Prioritizing the risk of infection
- Evaluating how diseases could enter the farm and spread within and off the property

- **Risk management:**

- Implementing a Farm hygiene plan based on the findings from the risk assessment stage.

- **Risk communication:**

- Effecting a total buy-in to a Farm hygiene program

## **Bio-security**

For a comprehensive and effective farm hygiene program, the key practices are vaccination, medication, and Bio-security.

Bio-security is essential because it reduces the potential for the introduction and spread of disease-causing organisms into and from farm to farm during and in-between production cycles.

Improved Farm hygiene practices increase bio-security in the farms, leading to fewer diseases and better performance which eventually leads to good farming profits.

Using disinfectants plays a major role in bio-security by destroying pathogenic agents from entering into the farms and lowering the pathogen load in the farm environment.

A good disinfectant should be:

- Independently proven to be effective
- Multipurpose in an application such as surfaces, equipment, vehicles, personnel, and aerial spraying
- Cost-effective
- A broad-spectrum disinfectant with virucidal, bactericidal, and fungicidal activity to control all disease organisms
- Effective to use under moderate organic challenges
- Be safe for the animal, the users, and the environment

Zagro Singapore Pte Ltd, Southeast Asia's biggest agrisolutions provider with over 60 years of experience, manufactures a wide range of disinfectants with various active ingredients to suit different farming requirements throughout the world.

Zagro's disinfectant range has become a trusted partner in farm hygiene programs in many farms worldwide.

Visit <https://www.zagro.com/> for more information.

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