



Perimeter paving of broiler barns



Intro to Good Practice

Enhancing biosecurity is not merely a goal for improving animal health; it also directly impacts production sustainability by averting losses stemming from health issues and declines in productivity. Concurrently, we must acknowledge that optimal poultry welfare hinges on ensuring their peak health. Therefore, any actions taken to enhance the farm's biosecurity contribute to both its sustainability and animal welfare.

A crucial aspect of improving biosecurity is paving the perimeter of broiler barns. This measure stands out as one of the simplest to implement, facilitating the execution of necessary practices to uphold a high level of biosecurity, especially during the introduction of animals at the beginning of the cycle and the loading of birds at the cycle's conclusion. The wider the paved surface, the more effective the measure, although a width of 5 meters is generally deemed sufficient.



Paving of the external area of the broiler house.



Perimeter paving of broiler barns

Additional information

It is crucial to keep in mind that the daily management and operations of personnel in contact with the animals are the other pillar on which good biosecurity on farms is based. We can have facilities with a high standard and perfectly designed and perfect protocols and procedures to maintain this high level, where problems can arise is in day-to-day activities or in the application of these procedures and protocols.

For this reason, facilities must take this fact into account and be designed to minimize the chances of mishandling breaking biosecurity barriers. Paving is also an element facilitating for this good management.

Benefits

Outlined below are detailed reasons why perimeter paving of barns enhances the level of biosecurity:

- The paved floor facilitates easier cleaning.
- - It simplifies entry into the barns.
- - It streamlines loading and unloading tasks, promoting faster and more hygienic procedures.
- - Paved surfaces are easier to maintain, which is particularly crucial in regions with frequent or heavy rainfall.
- - It prevents the growth of weeds, vegetation, and other potential hiding spots for rodents, insects, and other small animals that could aid in the spread of diseases.
- - It enables easier execution of exterior barn maintenance tasks.
- Paved areas allow for the placement of cleaning and disinfection stations for footwear, wheels, etc., at the entrance of each barn, establishing an additional barrier between the outside, the dirty zone, and ultimately, the clean zone.



Paving and fencing of the external area of the broiler house

Publication date: April 2024

Version: 1 (English)

 Funded by
the European Union

This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No101060979. It reflects only the authors view. The European Commission is not responsible for any use that may be made of the information it contains.



BroilerNet.eu

