

How to choose the right aviary to optimise your production

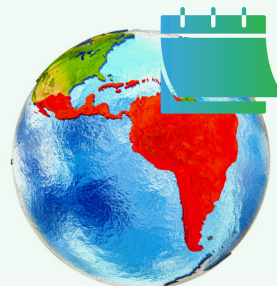


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Choosing the right aviary is one of the most strategic decisions for poultry producers, as it directly impacts bird welfare, operational efficiency and profitability.



June, a key month in the production calendar in many regions of Latin America, presents an excellent opportunity to evaluate existing facilities or plan new investments, before the start of the second half of the year.



In this article, we explore the essential factors to consider when selecting an aviary, with the aim of optimising production, improving animal comfort and ensuring more efficient management of resources.





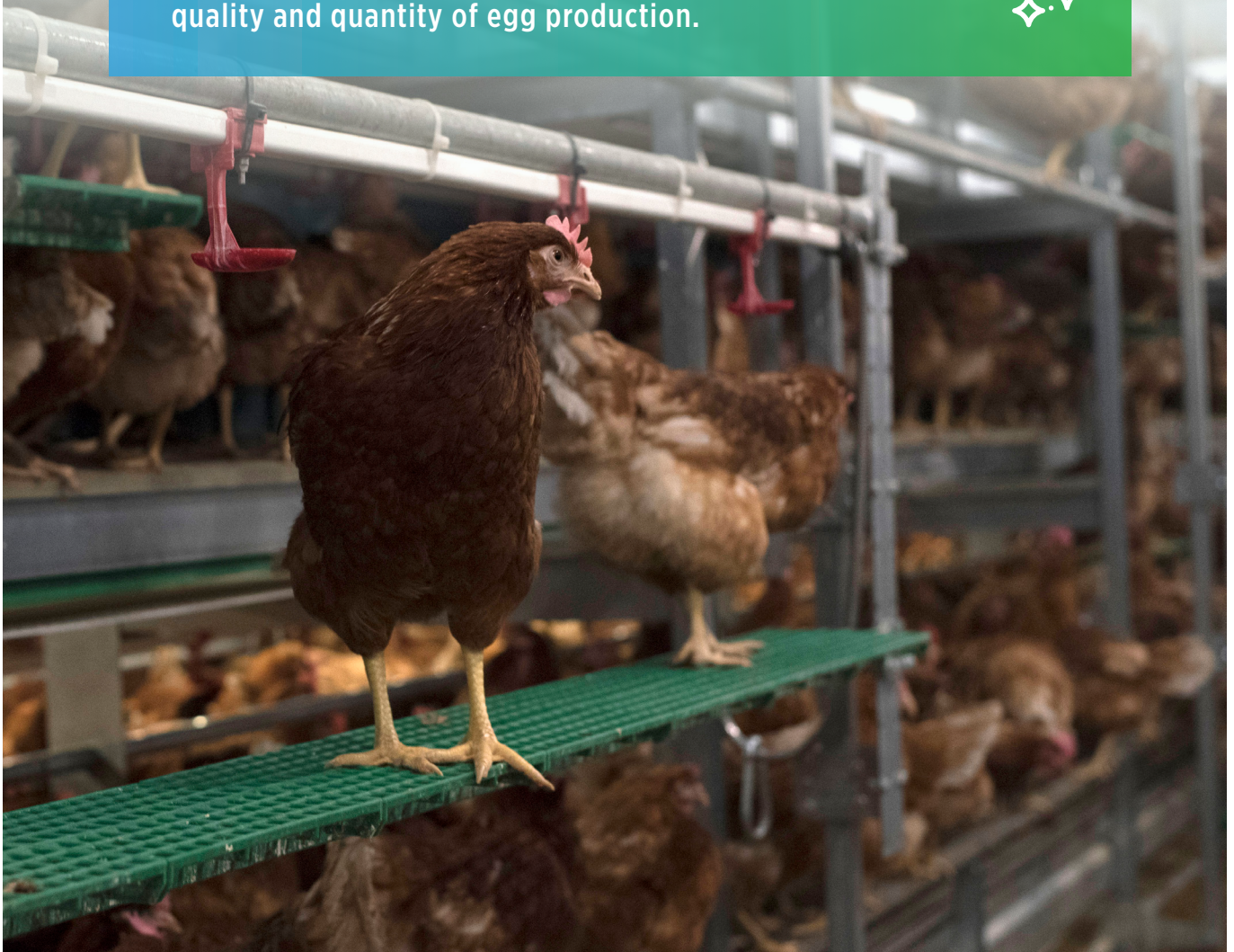
Type of production: Layers



In layer production, aviary design should focus on optimising both performance and bird welfare.

Laying hens need facilities that ensure constant and convenient access to feeders, drinkers, individual nests and resting areas.

Ease of management and cleaning efficiency are also key factors, as they contribute to maintaining flock health and reducing bird stress, which has a direct impact on the quality and quantity of egg production.



There are several aviaries on the market that stand out for their design, functionality and adaptation to the requirements of the layers. Among them are the:

- **Green Start aviary for rearing-rearing**, ideal for the early stages, which allows the chicks to be trained to jump onto the hanging platforms, reach the feeders and drinkers, and move around naturally. At the same time, daily management tasks are made easier thanks to a complete overview of all the elements.
- **Green Way Aviary**, thanks to its wide adaptability, the aviary allows maximum bird housing capacity in any dimension of the building. It is a very versatile system that covers all the possible configurations that can be found in different projects.
- **Aviary Vision**, designed to offer excellent visibility and control of the flock, with an integral focus on efficiency and bird comfort. These systems represent modern and efficient solutions that respond to the current demands of laying poultry farming.





Design and ventilation: key to a controlled environment



One of the most important aspects of poultry husbandry performance is the quality of the indoor environment. A well-designed aviary should:

- Ensure controlled airflow, eliminating excess heat, ammonia and humidity.
- Have adequate thermal insulation, especially in areas with extreme climates.
- Be equipped with mechanical ventilation or wind tunnel, depending on the system and size of the house.
- Integrate misting cooling systems or evaporative cooling panels, which are essential to face the heat waves of the coming months.



A poorly ventilated environment affects feed intake, growth, lay and general health of the birds.





Technical advice: an essential step



Advice from experts in poultry engineering, animal husbandry, animal health and biosecurity is indispensable during the planning, design and selection phase of the aviary.



These professionals not only assess the characteristics of the terrain, climate, solar orientation and airflow, but can also carry out **environmental simulations and production projections** to ensure an informed and tailor-made choice.



In addition, good technical advice helps to avoid common design mistakes that can be costly or impossible to correct. A mistake in fan placement, floor type, nest layout or litter management can result in considerable economic losses, can result in considerable economic losses and recurrent health problems.

Finally, **advisors can also provide guidance on the selection of the most viable housing system**, taking into account local and international regulations, market trends and animal welfare certification possibilities.



Conclusion



June is an excellent time to assess production infrastructure and plan strategic improvements before the second half of the year.



It is the ideal period to anticipate climatic challenges, reschedule flocks, review performance indicators and start renovation or expansion projects.

Choosing the right aviary is not a decision to be taken lightly: it involves a combination of technical knowledge, zootechnical analysis, market insight, commitment to animal welfare, health assessment and costing. Every decision, from the type of structure to the choice of management system, has a direct impact on bird health, production performance and the economic viability of the business.

Opting for the system that best suits the agro-climatic conditions of your region, the business model you implement, and current consumer demands, will not only allow you to optimise your production and increase efficiency, but also reduce health risks, improve traceability and strengthen the long-term sustainability of your poultry operation.

Investing in the right aviary today will ensure the success of your production tomorrow.



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