

Hot Climate Breeder House in the Philippines

Results and follow-up
15th of December 2022, Dr. R.A. (Rick) van Emous

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Current situation in broiler breeder houses

Houses	House climate	Heat-stress	Welfare level	Reproduction	Mortality	AB use
Traditional	±60%	No ventilation	Yes	Low	Low (-20%)	Very high (20-25%)
Cages	±30%	No ventilation	Yes	Very low	Moderate (-10%)	Standard (10%)
Modern systems	±1%	Tunnel ventilation	No	Fairly good	Moderate (-10%)	Moderate (10-15%) ¹

¹ Daily management needs improvement

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Field visit September 2022

- Farm visits in the Isabela region:
 - Cage and modern farms
- Visit Livestock Expo Philippines 2022 in Manila:
 - Meetings with breeder companies, integrators, equipment dealers, etc.
- Round table discussion with San Miquel corporation:
 - Implementing modern BB houses in the Philippines
- Visit and discussion Dutch Embassy Manila (Senior Commercial Officer)

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Follow-up of the project

- Hot climate Broiler Breeder house:
 - Tunnel ventilation with pad cooling (health, AB use and performance)
 - Separate feeding system (within 3 seconds)
 - State of the art water system (and unrestricted)
 - 50% slats (roosting behaviour) and 50% litter (natural mating)
 - LED lighting (energy saving)
- Collaboration between San Miquel Corporation, VDL, JPE, WLR:
 - Model house (farm) with modern equipment and knowledge

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