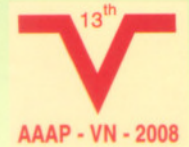




ASIAN-AUSTRALASIAN ASSOCIATION
OF ANIMAL PRODUCTION SOCIETIES



Proceedings

The 13th Animal Science Congress
of the Asian - Australasian Association
of Animal Production Societies

Sept. 22 - 26, 2008 - Hanoi, Vietnam

Organized by: Asian-Australasian Association
of Animal Production Societies (AAAP)

Hosted by: Animal Husbandry Association
of Vietnam (AHAV)



NHÀ XUẤT BẢN NÔNG NGHIỆP
Agricultural Publishing House

Scale and feature of pig farms in Hung Yen, Hai Duong and Bac Ninh provinces

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In order to evaluate the scale and feature of pig farms in the Red River Delta, a study was conducted on 90 pig farms in Hung Yen, Hai Duong and Bac Ninh provinces from June to December 2006.

The results show that almost the pig farms have been built for five years recently with small size (0.5 hectare per farm). The invested capital was about 300-400 millions VND per farm. Four main sow groups were used in these farms including crossbred exotic sows (51.1%), the crossbred sow between local and exotic breeds (14.4%), pure Landrace and Yorkshire breeds (15.6 and 18.9%, respectively). The boars were varying (Duroc 30%, Yorkshire 21%, Landrace 13%, Piétrain X Duroc 36% and the other).

These pigs farms have to face to several difficulties such as limited land, lack of invested capital, uncontrolled quality of breeding pigs, high price feed, hygiene condition and disease damage.

Characteristics and efficiency of some livestock production systems in the Red River Delta: Case study in Cam Giang district, Hai Duong province

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This paper aimed to understanding well and determining strategies for the development of animal production systems in the Red River Delta. 90 households in 3 communes of Cam Giang district, Hai Duong province were surveyed from January to July, 2007. Based on animal species and intensive levels, five main livestock production systems were typologied. Richer households having more capital and experiences on animal husbandry usually choose pig or poultry intensive system. On contrary, the households in difficulty always choose semi intensive or mixed system in order to utilize by-products of their family. The performance and the efficiency of the intensive pig production system were highest and improved in some last years in Red River Delta (weaning age of piglets: 30.8 days, weight at 60 days: 19.20kg/head, growth rate of fattening pig: 19.24kg/month; profit for sow: 880,580 VND/litter, for fattening pig: 121,500 VND/head). The lowest performance and efficiency were found at the mixed animal production system (growth rate of fattening pig: 14.4kg/month; profit for fattening pig: 77,140 VND/head, for sow: 718,420 VND/litter). It had a lot of disadvantages that influence on the animal production of the farmers such as lack of technical knowledge, epizooties, price variation, etc. It needs comprehensive measures to solve these problems in order to have sustainable development of animal production.