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**Research Title/ Graphical Abstract**

**Article Information/ Abstract**

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**Animal and Meat Production in Ghana-An Overview**
ABSTRACT: Animal production is an integral part of Ghana's agricultural economy and a major source of livelihood for many rural households. Accurate data on the species of animals kept, their health status, and productivity is essential for the formulation of policies and for monitoring changes over time. This study aims to provide such data and will be useful for stakeholders in planning and policy-making.

Key words: Agricultural economy, Animal production, Animal species, Meat production, Ghana.

Conventional and molecular detection of Newcastle disease and infectious Bursal disease in chickens

ABSTRACT: The present study was undertaken to compare different diagnostic procedures for the detection of Newcastle disease and infectious Bursal disease. The aim was to identify reliable, sensitive, specific, and more accurate methods for confirmatory diagnosis of these diseases.

Key words: Clinical diagnosis, NDV, IBDV, HI, AGIDT, RT-PCR assay.
Effect of substituting yellow maize for sorghum on broiler performance

Original Article, C3
Ahmed M.A., Dousa B.M. and Abdel Atti Kh.A.
J. World's Poult. Res. 3(1):

ABSTRACT:
An experiment was conducted to study the nutritional value of yellow maize when it substitutes sorghum grain as source of energy and protein in broiler diet. Two hundred and forty broiler fryers were randomly allotted to four dietary treatments in a completely randomized design with four replicated treatments. The treatments were: T1 (control) containing 15% sorghum and 90% yellow maize; T2 containing 10% sorghum and 90% yellow maize; T3 containing 5% sorghum and 90% yellow maize; and T4 containing 0% sorghum and 100% yellow maize. The experiment lasted for 6 weeks. Feed intake and body weight gain had been recorded weekly. The results showed significant increase (P < 0.05) in feed intake and weight gain in the T1 diet, and this may be attributed to the substitution of yellow maize for sorghum. Key words: Broiler, Maize, Sorghum, Performance
Seroepidemiological studies on poultry salmonellosis and its public health importance

ABSTRACT:

Non-typhoid

Key words:

Salmonella

Rural poultry farming with improved breed of backyard chicken
ABSTRACT: Livestock and poultry rearing is an imperative factor for improving the nutritional security of rural poor in India. Rural farmers rear Desi type chicken with low egg and meat production in backyard system. For developing the rural poultry farming, improved species of chicken and their rearing system are required. "Gramapriya" and "Vanaraja" are two improved chicken species of chicken reared in the backyard system in rural areas of India. "Gramapriya" is a White Indian meat chicken and "Vanaraja" is a Brown Indian egg chicken. The present study was conducted on the cestode parasites of these improved chicken species in Kashmir, India. The results are reported and discussed.

Keywords: Backyard Chicken, Gramapriya, Rural, Vanaraja.
ABSTRACT: During the present study, three species of the genus *Corvus* namely *C. monedula*, *C. splendens* and *C. macrorhynchos* were collected from different localities of Kashmir valley and investigated for the presence of cestode parasites. *Anomotaenia galbulae* (Gmelin, 1790) Furhrmann, 1932 was recovered from all the three host species. While, *Choanotaenia micracantha* was recovered only from *C. monedula* and no specimen of this cestode was obtained from *C. Splendens* and *C. macrorhynchos* during the present study. The specimens thus collected were identified as *Anomotaenia galbulae* and *Choanotaenia micracantha* on the basis of various morphological and morphometric characters when compared to the known species of genera *Anamotaenia* and *Choanotaenia* respectively. However, some intraspecific variations were observed.

Key words: Cestode, Crows.