Animal and Meat Production in Ghana-An Overview
Original Article, C1
Adzitey F.

_J. World's Poult. Res._ 3(1):

**ABSTRACT:**
Animal production is an integral part of Ghana's agricultural economy and a major source of livelihood for many rural communities. Accurate data on the agricultural economy and animal species is important for policymakers and other stakeholders as it will assist in the planning and making of policies, and to monitor changes that may occur over time.

**Key words:**
Agricultural economy, Animal production, Animal species.

Original Article, C2
Majed H.M., Zahid A.A.H., Kadhim L.I., and Hasoon M.F.

_J. World's Poult. Res._ 3(1):

**ABSTRACT:**
The present study was undertaken to compare different diagnostic procedures for the detection of Newcastle disease and infectious Bursal disease in chickens. The study examined clinical diagnosis, hemagglutination inhibition (HI), agglutination inhibition agar diffusion test (AGIDT), and Reverse transcriptase polymerase chain reaction (RT-PCR) assay. The goal was to determine reliable, sensitive, specific, and more accurate methods for the 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 to broiler chickens. Chicks were randomly allotted to two groups and fed on basal diet supplemented with yellow maize or sorghum at 0%, 25%, 50%, and 75% of the energy content. The results showed significant increase in feed intake and body weight gain. 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
Original Article, C5

Pathak P.K. and Nath B.G.


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... a solution to food security to the needy villagers paving a way for sustainable agriculture in rural areas of India.

Keywords: Backyard Chicken, Gramapriya, Rural, Vanaraja

A study on Cestode Parasites of Corvus Species of Kashmir, India

Original Article, C6

Ahmad Dar J., Tanveer S., Ahmad Kuchai J. and Ahmad Dar Sh.

J. World's Poult. Res. 3(1): 28-34
During the present study, three species of the genus *Corvus* namely *Corvus 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,

Effect of Dietary Inclusion of *Zataria multiflora* on Histological Parameters of Bursa of Fabricius in Broilers

To this end, fifty, one-day old chickens were randomly divided into five equal groups and fed with diets contained 0.5, 1, 1.5, and 2% of *Z. multiflora* (experimental groups) or basal diet (control group) for 45 days. On day 46, birds were slaughtered and bursa of Fabricius ... using a linear graticule. Number of follicles in plicae was also counted under light microscope. The results showed a dose dependent increase in all histomorphometric parameters due to *Z. multiflora* administration and the highest increase was in the thickness of follicular cortex of birds treated with 2% *Z. multiflora*.

In conclusion, dietary inclusion of *Z. multiflora* during the rearing period of broilers, dose dependently affects histological structures of bursa of Fabricius in a way that may enhance its role as a lymphoid organ.

**Key words:** Bursa of Fabricius; Histology;