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Research Title and Field

Original Research, A13

Effect of different of ratios of coarse and fine limestone particles on production and shell quality of layers at peak production
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**ABSTRACT:** A study was conducted to determine the influence of different particle sizes of limestone in layer diets on egg production and eggshell quality. Further investigation is needed to understand the effect on egg size distributions at a later stage of the laying period on egg production and egg quality needs further investigation.

**Keyword:** Calcium, Egg production, Egg weight, and Eggshell quality
Effects of supplemented diets with garlic organic extract and streptomycin sulphate on intestinal microflora and nutrients digestibility in broilers

The study evaluated the effect of some major genes on early lay characteristics of Nigerian local pullets in randomized complete block design. Genotypes were considered as fixed effects for evaluating different reproductive parameters. The overall least square means for number of services per conception (NSP), age at first calving (AFC), calving interval (CI), gestation length (GL) and days open (DO) were 1.28 ± 0.26 and 4.3 days, respectively. The number of services per conception was significantly (P<0.05) affected by mating system. Age at first calving, calving interval, days open was significantly (P<0.01) affected by year of birth.

From the present study, it can be concluded that the non-genetic factors had exerted significant effects on the reproductive performances of Fogera cattle. Great effort should be made towards mitigating negative impacts of those non-genetic factors.