

**Short communication**

**A NOTE ON QUALITY ASSESSMENT OF CERTAIN FEED INGREDIENTS AVAILABLE IN TAMILNADU**

Quality of the poultry feed ingredients are important in that it affects on the productive performance of the genetically potential birds. Proximate principles at recommended levels are critical for quality feed. National Research Council (1971) and Bureau of Indian standard have outlined the standards for different feed ingredients. Quality of the rice polish in Madras city was assessed by Narahari *et al.* (1980). In this study, quality variation of the certain poultry feed ingredients available in Tamil Nadu was ascertained.

Data available in Quality Control Laboratory attending routine proximate analysis (AOAO, 1980) for the period of March to August 1990 were collected. Quality variations in crude protein, crude fibre, sand and silica and salt contents in certain feed ingredients were analysed statistically as per the procedure of Snedecor and Cochran (1968).

Mean crude protein contents in selected feed ingredients like deoiled rice polish, groundnut oilcake, soyabean oilcake, sunflower oil cake and fish showed lower level than ISI in fish meal and sunflower oil cake. Mean crude fibre contents in selected feed ingredients like deoiled rice polish, groundnut oil cake, soyabean oil cake, and sunflower oil cake showed higher coefficient of variations in sunflower oilcake and higher level than ISI in deoiled rice polish.

Aflatoxin B1 level in groundnut oil cake and maize and sand and silica in commercial dry fish was analysed. The mean aflatoxin B1 content was lower than maximum permissible level,

though some cases showed high aflatoxin B1 level. Sand and silica and salt level in fish meal were higher than specified levels of ISI.

**Summary**

Quality of certain feed ingredients for poultry was assessed and compared with ISI standards.

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