

# Assessment of Proximate Parameters of Commercial Poultry Feed (Layer Phase I) in White Leghorn

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**Abstract**—*The aim of present research was to record out the nutritional evaluation of commercial poultry feed (Layer phase I) in White Leghorn. The general objective of poultry nutrition is to maximize the economic production performance of birds. There is increasing tendency for feed manufacturers to produce substandard feeds especially as the quality control. Hence, laboratory analysis was conducted aiming to evaluate potential of commercial poultry feed (Layer phase I) in White Leghorn for their adaptability and nutritional contents. The chemical analysis of commercial poultry feed (Layer phase I) was done for the proximate principles viz., Dry matter, Crude protein, Crude fibre, Ether extract, Nitrogen free extract, Total ash and Acid insoluble ash, calcium and phosphorus (AOAC, 1995). Results showed that crude protein (CP) value was at optimum (18.24 %) compared to crude fibre (10.14 %). whereas the values for organic matter, dry matter, moisture content, ether extract, nitrogen free extract, ash, acid insoluble ash, calcium and phosphorus were recorded as 93.47, 90.47, 9.53, 4.22, 10.14, 51.34, 6.53, 2.22, 3.98 and 0.54 %, respectively. It shows that the commercial poultry feed (Layer phase I) is the good source of nutrients, whereas it should be utilized as a poultry feed during early period of laying of White Leghorn.*