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**Utilization of *Azolla* as a feed component for chicken****Fadzlin Afiqah A Samad, Lokman Hakim Idris, Goh Yong Meng and Loh Teck Chwen**  
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The poultry industry is known as the most profitable agricultural business in Malaysia which provides quality meat and eggs for consumer. However, farmers have been facing problems in this industry; the high cost of feed and the non-availability of the feed ingredient with reasonable cost and good quality. 65 -70 % from the total cost of poultry production around is a feed cost. The cost of feed sources like protein is fluctuating and it's may affect the feed price. Therefore, poultry farmers trying to look any alternative feed ingredients to reduce cost. *Azolla* spp. contains high protein and has a potential to replace the commercial feeds ingredient. However, there is no scientific study about the utilization

of *Azolla* spp. as a feed component for chicken. Thus, the objectives of this study are; to determine the potential of *Azolla* spp. as a feed ingredient and to analyze the nutritional properties of *Azolla* spp. For their suitability as a component of chicken feed. Proximate analysis of *Azolla* spp. (Crude protein, crude fiber, crude fat, ash and dry matter) has been done in this study. From the results, *Azolla* spp. has 24.82 % of crude protein, 26.64% of crude fiber, 5.14% of dry matter, 11.59% of ash and 2% of crude fat. The results show *Azolla* spp. could be utilized to substitute the ingredient of chicken feed from the overall production and economic point of view.

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