

# ***EFFECTIVENESS OF AVOCADO LEAF EXTRACT AND CARROT LEAF EXTRACT IN FEED ON BROILER PERFORMANCE***

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## ***ABSTRACT***

*This research was carried out to determine the effect of using avocado leaf extract (EDA) and carrot leaf extract (EDW) in feed on broiler performance. The material used was 60 1-day-old Cobb strain insex broilers which were reared for 35 days. The research used a Completely Randomized Design (CRD) with a unidirectional pattern with 4 treatments and 5 replications, each replication consisting of 3 broilers, analyzed by ANOVA (Analysis of Variance) using SPSS software, if there were significant differences then continued with the Duncan's New Multiple Range Test (DMRT). Each treatment was carried out as P0 = 100% basal feed (control), P1 = 95% basal feed + (2.5% EDA + 2.5% EDW), P2 = 92.5% basal feed + (2.5% EDA + 5% EDW), P3 = 92.5% basal feed + (5% EDA + 2.5% EDW). The parameters observed were feed consumption, body weight gain, and feed conversion. Based on the research results, shows that the addition of 2.5% EDA and 2.5% EDW in feed significantly increases broiler performance ( $P < 0.05$ ).*

**Keywords:** *Avocado leaf extract, carrot leaf extract, broiler, performance.*