

**PENGARUH PEMBERIAN CAMPURAN TEPUNG DAUN
INDIGOFERA (*Indigofera zollingeriana*) DAN PAKAN DENGAN SUMBER
PROTEIN BERBEDA TERHADAP PERTUMBUHAN BOBOT BADAN
AYAM KAMPUNG (*Gallus gallus domesticus*)**

ABSTRAK

Ayam kampung dalam pemeliharaannya membutuhkan pakan yang berkualitas untuk pemenuhan gizinya. Tanaman Indigofera (*Indigofera zollingeriana*) merupakan tanaman pakan ternak yang memiliki produktivitas hijauan cukup tinggi dan kandungan protein yang baik. Penelitian ini bertujuan untuk mengetahui pengaruh pemberian campuran tepung daun Indigofera dan berbagai macam protein terhadap pertumbuhan bobot badan ayam kampung.

Penelitian ini terdiri atas 5 perlakuan, yaitu P1: 100% Pakan Komersil, P2: 30% Indigofera Tanpa Jagung, P3: 30% Indigofera + Jagung, P4: 20% Indigofera + Jagung, P5: 10% Indigofera + Jagung. Hasil penelitian menunjukkan bahwa pemberian campuran tepung daun Indigofera dan berbagai macam protein berpengaruh terhadap pertumbuhan bobot badan ayam kampung. Pertumbuhan bobot badan tertinggi dicapai pada P5 dengan penambahan bobot badan sebesar 170 g. dan bobot badan terendah yaitu pada perlakuan P2 dan P3 dengan penambahan bobot badan sebesar 55 g. Hasil tersebut menunjukkan bahwa pemberian 10% Indigofera + Jagung memberikan hasil yang baik terhadap pertumbuhan bobot badan ayam kampung.

Kata kunci : Ayam Kampung, Protein, *Indigofera zollingeriana*

**THE EFFECT OF GIVING A MIXTURE OF INDIGOFERA (*Indigofera
zollingeriana*) LEAVES FLOUR AND FEED WITH DIFFERENT
PROTEIN SOURCES ON WEIGHT GROWTH OF FREE-RANGE
CHICKEN (*Gallus gallus domesticus*)**

ABSTRACT

In its maintenance, free-range chickens need quality feed to fulfill their nutrition. Indigofera (*Indigofera zollingeriana*) plants are plants that contain good protein. This research aims to determine the effect of giving a mixture of Indigofera leaf flour and various kinds of protein on body weight growth of free-range.

This study consisted of 5 treatments, the treatments in this study were P1: 100% Commercial Feed, P2: 30% Indigofera without Corn, P3: 30% Indigofera + Corn, P4: 20% Indigofera + Corn, P5: 10% Indigofera + Corn. The results showed that giving a mixture of Indigofera leaf flour and various different proteins had an effect on the body weight growth of free-range chickens. The highest body weight growth was achieved at P5 with a body weight gain of 170 g. and the lowest body weight is in P2 and P3 treatment with a body weight gain of 55 g. These results indicate that giving 10% Indigofera + Corn gives good results on body weight growth in free-range chickens.

Keywords : Free-range Chicken, Protein, *Indigofera zollingeriana*