

**LAJU PERTUMBUHAN RELATIF KARKAS DAN KOMPONEN
KARKAS AYAM BROILER FASE FINISHER (21–42 HARI)
DALAM BERBAGAI SUHU PEMELIHARAAN**

*(Growth Rate Of Carcass And The Component Of Carcass Two Strain From The Finisher Phase
Of Broiler Chicken (21-42 Day) On The Different Temperatures Rearing)*

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ABSTRACT

Target of research to know crabbled growth rate and crabbled component relative to growth of wight live 2 chicken strain of broiler looked after temperature differ

Used 180 chicken tail of broiler masculine with body wight mean $736,57 \pm 39,16$ gram consist of Cobb strain (S1) and of Lohmann (S2), start treatment of age 21 day. Device "Split Plot" break even form treatment cage by 3 temperature differ that is T1 ($34-36^{\circ}\text{C}$), T2 ($29-32^{\circ}\text{C}$), and T3 ($20-24^{\circ}\text{C}$), 2 S1 strain and of S2. Elementary Device RAL, every restating imposed 3 amputation age that is 28, 35 and 42 day. Parameter the checked growth rate relative chest, thigh, thigh to the and flesh and also bone.

Result of research indicate that Strain Cobb conservancy $20-24^{\circ}\text{C}$ crabbled grow quicker ($\beta > 1$) from growth of life wight, but Lohmann strain at all of and temperature of strain Cobb $34-36^{\circ}\text{C}$ and also $29-32^{\circ}\text{C}$ crabbled growth equal to growth of life wight ($\beta = 1$), growth of chest of strain Cobb and of Lohmann relative equal to growth of life wight, thigh ("Lohman leg") grow compared to quicker life wight compared to empty body temperature $20-24^{\circ}\text{C}$. Equation of linear growth of flesh (β_d) to crabbled growth, Cobb Yd strain = $-0,0858 + 0,9945X$; ($r = 0,9822$) and flesh growth rate of strain Lohmann Yd = $-0,2887 + 1,0665X$; ($r = 0,9877$)

Appearance of chicken of broiler phase "finisher" optimum temperature of T3, and S1 strain better than S2 strain. quicker crabbled Strain S1 growth rate relative, S2 growth rate strain relative compared to quicker thigh growth of wight live temperature of T3. Strain S1 growth rate relative compared to quicker flesh crabbled growth temperature of T3, while S2 growth rate strain relative equal to crabbled growth various temperature.

Keyword : Growth relative, Strain Coob, Strain Lohman, Crabbled.

** Dosen Sekolah Tinggi Penyuluhan Pertanian (STPP) Magelang*