

Tabel 17. Perhitungan analisis ragam suhu rektal *broiler* umur 16 hari

Ulangan	Perlakuan		
	P0	P1	P2
	----- ⁰ C-----		
1	41,80	40,50	41,20
2	40,50	41,40	41,60
3	41,40	41,30	41,40
4	40,30	41,50	40,20
5	40,90	41,20	41,10
6	41,20	41,70	40,90
Jumlah	246,10	247,60	246,40
Rata-rata	41,02±0,56	41,27±0,41	41,07±0,49

Keterangan : P0 = air minum biasa
P1 = air rebusan kunyit 10 g/600 ml
P2 = air rebusan temulawak 10 g/600 ml

$$C = \frac{Y^2}{p.r} = \frac{(740,10)^2}{3 \times 6} = \frac{547748,01}{18} = 30430,45$$

$$JK(T) = \sum \sum y_{ij}^2 - C = (41,80^2 + 40,50^2 + \dots + 40,90^2) - 30430,45 = 3,85$$

$$JK(P) = \frac{1}{6} \sum y_i^2 - C = \frac{1}{6} \times (246,10^2 + 247,60^2 + 246,40^2) - 30430,45 = 0,21$$

$$JK(g) = JK(T) - JK(P) = 3,85 - 0,21 = 3,63$$

$$KT(p) = \frac{JK(P)}{p-1} = \frac{0,21}{2} = 0,11$$

$$KT(g) = \frac{JK(g)}{(r-1)p} = \frac{3,85}{15} = 0,24$$

$$KK = \frac{\sqrt{KT(g)}}{y} \times 100\% = \frac{\sqrt{0,24}}{740,10} \times 100\% = 0,40\%$$

$$F_{hit} = \frac{KT(p)}{KT(g)} = \frac{0,11}{0,24} = 0,43$$

Keterangan:

C : faktor koreksi

JK(T) : jumlah kuadrat total

JK(g) : jumlah kuadrat galat

KT(p) : kuadrat tengah perlakuan

KT(g) : kuadrat tengah galat

KK : koefisien keragaman

Fhit : F hitung