

Tabel 19. Perhitungan analisis ragam suhu rektal *broiler* umur 24 hari

Ulangan	Perlakuan		
	P0	P1	P2
	-----°C-----		
1	40,20	41,60	41,20
2	40,80	41,50	41,60
3	41,30	41,70	41,70
4	40,90	41,00	41,10
5	41,60	41,90	41,20
6	41,80	41,40	41,80
Jumlah	246,60	249,10	248,60
Rata-rata	41,10±0,59	41,52±0,31	41,43±0,30

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

$$C = \frac{Y^2}{p.r} = \frac{(744,30)^2}{3 \times 6} = \frac{553982,49}{18} = 30776,81$$

$$JK(T) = \sum \sum y_{ij}^2 - C = (40,20^2 + 41,60^2 + \dots + 41,80^2) - 30776,81 = 3,22$$

$$JK(P) = \frac{1}{6} \sum y_i^2 - C = \frac{1}{6} \times (246,60^2 + 249,10^2 + 248,60^2) - 30776,81 = 0,58$$

$$JK(g) = JK(T) - JK(P) = 3,22 - 0,58 = 2,64$$

$$KT(p) = \frac{JK(P)}{p-1} = \frac{0,58}{2} = 0,29$$

$$KT(g) = \frac{JK(g)}{(r-1)p} = \frac{2,64}{15} = 0,18$$

$$KK = \frac{\sqrt{KT(g)}}{y} \times 100\% = \frac{\sqrt{0,18}}{744,30} \times 100\% = 0,34\%$$

$$F_{hit} = \frac{KT(p)}{KT(g)} = \frac{0,29}{0,18} = 1,66$$

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