

Lampiran 1. Pertambahan Bobot Badan (gr/ekor/hari)

Tabel 1. Pertambahan Bobot Badan (gr/ekor/hari)

Kelompok	Perlakuan			Total
	P0	P1	P2	
1	115	140	120	375
2	70	160	180	410
3	140	70	140	350
4	80	140	100	320
5	70	100	100	270
Total	475	610	640	1725
Rata - rata	95	122	128	345

$$\text{Jumlah perlakuan} = 3$$

$$\text{Jumlah ulangan} = 5$$

$$\begin{aligned} \text{Faktor koreksi (FK)} &= \frac{(\sum Y)^2}{p \times u} \\ &= \frac{(1725)^2}{3 \times 5} \\ &= \frac{2975625}{15} \\ &= 198375 \end{aligned}$$

$$\text{Derajat Bebas (DB) Perlakuan} = \text{Perlakuan} - 1$$

$$= 3 - 1 = 2$$

$$\text{DB Galat} = \text{Perlakuan} \times (\text{Ulangan} - 1)$$

$$= 3 \times (5 - 1) = 12$$

$$\text{DB total} = (\text{Perlakuan} \times \text{Ulangan}) - 1$$

$$= (3 \times 5) - 1 = 14$$

$$\text{Jumlah Kuadrat Total (JKT)} = (\sum Y_{ij})^2 - FK$$

$$= (115)^2 + (70)^2 + (140)^2 + (80)^2 + \dots + (140)^2 + (100)^2 + (100)^2 - 198375$$

$$= 215125 - 198375$$

$$= 16750$$

$$\text{Jumlah Kuadrat Kelompok (JKK)} = \frac{(\sum \text{kelompok})^2}{\text{perlakuan}} - FK$$

$$= \frac{(375)^2 + (410)^2 + (350)^2 + (320)^2 + (270)^2}{3} - 198375$$

$$= \frac{606525}{3} - 198375$$

$$= 202175 - 198375$$

$$= 3800$$

$$\text{Jumlah Kuadrat Perlakuan (JKP)} = \frac{(\sum \text{Perlakuan})^2}{\text{Ulangan}} - FK$$

$$= \frac{(475)^2 + (610)^2 + (640)^2}{5} - 198375$$

$$= \frac{1007325}{5} - 198375$$

$$= 201645 - 198375$$

$$= 3090$$

$$\text{Jumlah Kuadrat Galat (JKG)} = \text{JKT} - \text{JKK} - \text{JKP}$$

$$= 16750 - 3800 - 3090$$

$$= 9860$$

Tabel 2. Analisis Ragam Pertambahan Bobot Badan

SK	Db	JK	KT	Fhitung	Ftabel	
					0,05	0,01
Kelompok	4	3800,0000	950,0000	0,7708	8,379	7,006
Perlakuan	2	3090,0000	1545,0000	1,2535	4,459	8,649
Galat	8	9860,0000	1232,5000			
Total	14	16750,0000				

Keterangan : sangat tidak berpengaruh nyata

Lampiran 2. Konsumsi Pakan gr/kg Bobot Badan/hari

Tabel 3. Konsumsi Pakan gr/kg Bobot Badan/hari

Kelompok	Perlakuan			Total
	P0	P1	P2	
1	24,57	22,57	24,14	71,28
2	25,18	24,54	28,18	77,9
3	27,18	25,61	26,94	79,73
4	23,82	27,07	26,54	77,43
5	25,71	26,93	27,79	80,43
Total	126,46	126,72	133,59	386,77
Rata - rata	25,292	25,344	26,718	77,354

$$\text{Jumlah perlakuan} = 3$$

$$\text{Jumlah ulangan} = 5$$

$$\begin{aligned} \text{Faktor koreksi (FK)} &= \frac{(\sum Y)^2}{p \times u} \\ &= \frac{(368,77)^2}{3 \times 5} \\ &= \frac{149591,033}{15} \\ &= 9972,736 \end{aligned}$$

$$\text{Derajat Bebas (DB) Perlakuan} = \text{Perlakuan} - 1$$

$$= 3 - 1 = 2$$

$$\text{DB Galat} = \text{Perlakuan} \times (\text{Ulangan} - 1)$$

$$= 3 \times (5 - 1) = 12$$

$$\text{DB total} = (\text{Perlakuan} \times \text{Ulangan}) - 1$$

$$= (3 \times 5) - 1 = 14$$

$$\text{Jumlah Kuadrat Total (JKT)} = (\sum Y_{ij})^2 - FK$$

$$= (24,57)^2 + (25,18)^2 + (27,18)^2 + (23,82)^2 + \dots + (26,24)^2 + (26,54)^2 + (27,79)^2 - 9972,736$$

$$= 10009,636 - 9972,736$$

$$= 36,900$$

$$\text{Jumlah Kuadrat Kelompok (JKK)} = \frac{(\sum \text{kelompok})^2}{\text{perlakuan}} - FK$$

$$= \frac{(71,28)^2 + (77,9)^2 + \dots + (79,73)^2}{3} - 9972,736$$

$$= \frac{29970,5111}{3} - 9972,736$$

$$= 9990,170367 - 9972,736$$

$$= 17,43484$$

$$\begin{aligned} \text{Jumlah Kuadrat Perlakuan (JKP)} &= \frac{(\sum \text{Perlakuan})^2}{\text{Ulangan}} - FK \\ &= \frac{(126,46)^2 + (126,72)^2 + (133,59)^2}{5} - 9972,736 \\ &= \frac{49896,3781}{5} - 9972,736 \\ &= 9979,27562 - 9972,736 \\ &= 6,540093333 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Galat (JKG)} &= \text{JKT} - \text{JKK} - \text{JKP} \\ &= 36,900 - 17,43484 - 6,540093333 \\ &= 12,925 \end{aligned}$$

Tabel 4. Analisis Ragam Konsumsi Pakan (gr/kg Berat Badan)

SK	Db	JK	KT	Fhitung	Ftabel	
					0,05	0,01
Kelompok	4	17,4348	4,3587	2,6978	8,379	7,006
Perlakuan	2	6,5401	3,2700	2,0239	4,459	8,649
Galat	8	12,9254	1,6157			
Total	14	36,9004				

Keterangan: tidak berpengaruh nyata

Lampiran 3. Efisiensi Pakan

Tabel 5. Efisiensi pakan

Kelompok	Perlakuan			Total
	P0	P1	P2	
1	22,84	29,67	24,31	76,82
2	13,56	31,13	31,17	75,86
3	25,15	13,07	25,35	63,57
4	16,4	24,65	18,32	59,37
5	13,32	17,71	17,54	48,57
Total	91,27	116,23	116,69	324,19
Rata - rata	18,254	23,246	23,338	64,838

$$\text{Jumlah perlakuan} = 3$$

$$\text{Jumlah ulangan} = 5$$

$$\begin{aligned} \text{Faktor koreksi (FK)} &= \frac{(\sum Y)^2}{p \times u} \\ &= \frac{(324,19)^2}{3 \times 5} \\ &= \frac{105099,1561}{15} \\ &= 7006,610407 \end{aligned}$$

$$\begin{aligned} \text{Derajat Bebas (DB) Perlakuan} &= \text{Perlakuan} - 1 \\ &= 3 - 1 = 2 \end{aligned}$$

$$\begin{aligned} \text{DB Galat} &= \text{Perlakuan} \times (\text{Ulangan} - 1) \\ &= 3 \times (5 - 1) = 12 \end{aligned}$$

$$\begin{aligned} \text{DB total} &= (\text{Perlakuan} \times \text{Ulangan}) - 1 \\ &= (3 \times 5) - 1 = 14 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Total (JKT)} &= (\sum Y_{ij})^2 - FK \\ &= (22,84)^2 + (13,56)^2 + (25,15)^2 + (16,4)^2 + \dots \\ &\quad (25,35)^2 + (18,32)^2 + (17,54)^2 - 7006,610407 \\ &= 7574,3629 - 7006,610407 \\ &= 567,7524933 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Kelompok (JKK)} &= \frac{(\sum \text{kelompok})^2}{\text{perlakuan}} - FK \\ &= \frac{(76,82)^2 + (75,86)^2 + \dots + (48,57)^2}{3} - 7006,610407 \end{aligned}$$

$$\begin{aligned}
&= \frac{21581,0387}{3} - 7006,610407 \\
&= 7193,679567 - 7006,610407 \\
&= 187,06916
\end{aligned}$$

$$\begin{aligned}
\text{Jumlah Kuadrat Perlakuan (JKP)} &= \frac{(\sum \text{Perlakuan})^2}{\text{Ulangan}} - FK \\
&= \frac{(91,27)^2 + (116,23)^2 + (116,69)^2}{5} - 7006,610407 \\
&= \frac{35456,1819}{5} - 7006,610407 \\
&= 7091,23638 - 7006,610407 \\
&= 84,62597333
\end{aligned}$$

$$\begin{aligned}
\text{Jumlah Kuadrat Galat (JKG)} &= \text{JKT} - \text{JKK} - \text{JKP} \\
&= 567,7524933 - 187,06916 - 84,62597333 \\
&= 296,05736
\end{aligned}$$

Tabel 6. Analisis Ragam Efisiensi Pakan

SK	db	JK	KT	Fhitung	Ftabel	
					0,05	0,01
Kelompok	4	187,0692	46,7673	1,2637	8,379	7,006
Perlakuan	2	84,6260	42,3130	1,1434	4,459	8,649
Galat	8	296,0574	37,0072			
Total	14	567,7525				

Keterangan : tidak berpengaruh nyata

Lampiran 4. Pertambahan Bobot Badan Perminggu (kg)

Tabel 7. Pertambahan Bobot Badan Perminggu (kg)

Perlakuan	Ulangan	Minggu 1	Minggu 2	Minggu 3	Minggu 4	Total
P0	1	4	1	1	1	7
	2	1	0	0,5	0,5	2
	3	2	0	1	1	4
	4	1	0	0,5	1	2,5
	5	0	0	0,5	1,5	2
P1	1	2	1	0	1	4
	2	2,5	1,5	0	0,5	4,5
	3	0,5	0,5	0,5	0,5	2
	4	1,5	0,5	0,5	1,5	4
	5	1	1	0	1	3
P2	1	0,5	1,5	0,5	1	3,5
	2	1,5	1	3	1	6,5
	3	2	0,5	1	0,5	4
	4	1	0	0,5	1,5	3
	5	1	1	0,5	0,5	3