

## LAMPIRAN



## Lampiran 01. Data dan Anova Kadar Hemoglobin

Tabel 02. Data Kadar Hemoglobin (gram %)

Ulangan	Perlakuan				
	P0	P1	P2	P3	P4
U1	7.65	10.15	9.1	7.85	9.05
U2	7.85	7.85	7.60	9.30	8.55
U3	7.50	7.50	8.25	7.40	8.30
U4	9.98		6.80	8.20	8.10
U5	7.55		8.60		7.28
Jumlah	40.53	25.49	40.60	32.75	41.28
Rata-rata	8.11 <sup>a</sup>	8.50 <sup>a</sup>	8.12 <sup>a</sup>	8.19 <sup>a</sup>	8.26 <sup>a</sup>

## Perhitungan Statistik Kadar Hemoglobin

$$\text{Derajat Bebas Total (DBT)} = (5 + 3 + 5 + 4 + 5) - 1 = 21$$

$$\text{Derajat Bebas Perlakuan (DBP)} = 5 - 1 = 4$$

$$\text{Derajat Bebas Galat (DBG)} = (5 + 3 + 5 + 4 + 5) - 5 = 17$$

$$\text{Faktor Koreksi (FK)} = \frac{(\text{total pengamatan})^2}{\text{Total banyaknya pengamatan}}$$

$$= \frac{180.41^2}{22}$$

$$= \frac{32547.77}{22}$$

$$= 1479.44$$

$$\text{JKT} = \text{jumlah kuadrat seluruh nilai pengamatan} - \text{faktor koreksi}$$

$$= (7.65^2 + \dots + 7.28^2) - 1479.44$$

$$= 1495.34 - 1479.44$$

$$= 15.90$$

$$\begin{aligned}
 JKP &= \sum \frac{\text{total pengamatan}^2}{\text{ulangan}} - FK \\
 &= \frac{40.53^2}{5} + \dots + \frac{41.28^2}{5} - 1479.44 \\
 &= 1479.86 - 1479.44 \\
 &= 0.42
 \end{aligned}$$

$$\begin{aligned}
 JKG &= JKT - JKP \\
 &= 15.90 - 0.42 \\
 &= 15.48
 \end{aligned}$$

$$KTP = \frac{JKP}{4} = \frac{0.42}{4} = 0.11$$

$$KTG = \frac{JKG}{17} = \frac{15.48}{17} = 0.91$$

$$F \text{ hitung} = \frac{KTP}{KTG} = \frac{0.11}{0.91} = 0.12$$

#### ANOVA

SK	dB	JK	KT	F hitung	F tabel
P	4	0.42	0.11	0.12	2.96
G	17	15.48	0.91		
T	21	15.90			

**Lampiran. 02. Data dan Anova Jumlah Eritrosit**

**Tabel 03. Data Jumlah Eritrosit (Juta/ml)**

Ulangan	Perlakuan				
	P0	P1	P2	P3	P4
U1	2.54	2.22	3.14	3.22	2.95
U2	2.63	2.90	2.54	2.67	3.54
U3	2.94	2.41	2.14	2.66	2.68
U4	2.62		2.21	2.33	2.85
U5	2.86		2.13		2.12
Jumlah	13.59	7.53	12.16	10.88	14.14
Rata-rata	2.71 <sup>a</sup>	2.51 <sup>a</sup>	2.63 <sup>a</sup>	2.72 <sup>a</sup>	2.83 <sup>a</sup>

**Anova**

SK	dB	JK	KT	F hitung	F tabel
P	4	1.03	0.26	2.17	2.96
G	17	1.97	0.12		
T	21	3.00			

**Lampiran. 03. Data dan Anova Jumlah Leukosit**

**Tabel 04. Data Jumlah Leukosit (ribu/ml)**

Ulangan	Perlakuan				
	P0	P1	P2	P3	P4
U1	8.06	9.19	7.26	9.46	10.16
U2	10.66	7.75	8.30	7.68	11.18
U3	11.33	9.10	8.73	8.14	10.39
U4	10.38		11.74	12.84	8.03
U5	9.14		14.49		11.41
Jumlah	49.57	26.04	50.53	38.13	51.18
Rata-rata	9.91 <sup>a</sup>	8.68 <sup>a</sup>	10.12 <sup>a</sup>	9.53 <sup>a</sup>	10.23 <sup>a</sup>

**Anova**

SK	dB	JK	KT	F hitung	F tabel
P	4	5.52	1.38	0.35	2.96
G	17	66.75	3.93		
T	21	72.27			

### Lampiran 04. Data dan Anova Konsumsi Pakan Harian

Tabel 05. Data Konsumsi Pakan Harian (g)

Ulangan	Perlakuan				
	P0	P1	P2	P3	P4
U1	35,17	35,37	36,76	36,14	31,40
U2	33,67	35,81	37,28	35,96	30,75
U3	36,43	35,54	35,55	36,08	33,05
U4	35,20	-	37,74	35,46	30,05
U5	35,55	-	36,34	-	28,47
$\Sigma_y$	176,02	106,72	183,67	143,64	153,72
Rata-rata	35,20 <sup>b</sup>	35,57 <sup>bc</sup>	36,73 <sup>c</sup>	35,91 <sup>bc</sup>	30,74 <sup>a</sup>

#### Anova

SK	dB	JK	KI	F Hitung	F Tabel
P	4	108,35	27,09	24,63*	2,96
G	17	18,63	1,10		
T	21	126,98			

#### Perhitungan Uji BNT Konsumsi Pakan Harian

$$BNT = t_{\alpha/2} \cdot fc \left\{ KTG \left( \frac{1}{n_i} + \frac{1}{n_j} \right) \right\}^{1/2}$$

$$= t_{0,024} \cdot 17 = 2,110$$

$$P0 \text{ dan } P1 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{3} \right) \right\}^{1/2} = 1,62 > 0,37^m$$

$$P0 \text{ dan } P2 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{1/2} = 1,40 < 1,53^*$$

$$P0 \text{ dan } P3 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{4} \right) \right\}^{1/2} = 1,48 \langle 0,71^m \rangle$$

$$P0 \text{ dan } P4 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{1/2} = 1,40 \langle 4,46^* \rangle$$

$$P1 \text{ dan } P2 = 2,11 \left\{ 1,10 \left( \frac{1}{3} + \frac{1}{5} \right) \right\}^{1/2} = 1,62 \langle 1,16^m \rangle$$

$$P1 \text{ dan } P3 = 2,11 \left\{ 1,10 \left( \frac{1}{3} + \frac{1}{4} \right) \right\}^{1/2} = 1,69 \langle 0,34^m \rangle$$

$$P1 \text{ dan } P4 = 2,11 \left\{ 1,10 \left( \frac{1}{3} + \frac{1}{5} \right) \right\}^{1/2} = 1,62 \langle 4,83^* \rangle$$

$$P2 \text{ dan } P3 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{4} \right) \right\}^{1/2} = 1,48 \langle 0,82^m \rangle$$

$$P2 \text{ dan } P4 = 2,11 \left\{ 1,10 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{1/2} = 1,40 \langle 5,99^* \rangle$$

$$P3 \text{ dan } P4 = 2,11 \left\{ 1,10 \left( \frac{1}{4} + \frac{1}{5} \right) \right\}^{1/2} = 1,48 \langle 5,17^* \rangle$$

P4	P0	P1	P3	P2
30,74 <sup>u</sup>	35,20 <sup>b</sup>	35,57 <sup>bc</sup>	35,9 <sup>bc</sup>	36,73 <sup>c</sup>

Lampiran 05. Data dan Anova Bobot Badan Ayam Umur 7 Minggu

Tabel 06. Tabel Bobot Badan Ayam Umur 7 Minggu (g)

Ulangan	Perlakuan				
	P0	P1	P2	P3	P4
U1	2465,30	2481,00	2212,67	2109,50	1849,37
U2	2297,90	2344,80	2221,93	1758,23	1619,80
U3	2464,09	2145,23	1794,13	2039,90	1627,60
U4	2193,33	-	2369,17	2079,03	1689,03
U5	2548,27	-	2228,30	-	1644,17
$\Sigma_y$	11968,89	6971,03	10826,20	7986,66	8429,97
Rata-rata	2393,78 <sup>d</sup>	2323,68 <sup>cd</sup>	2165,24 <sup>bc</sup>	1996,67 <sup>b</sup>	1686,00 <sup>a</sup>

Anova

SK	dB	JK	KT	F Hitung	F Tabel
P	4	1202606,41	375651,60	14,40*	2,96
G	17	443566,91	26092,17		
T	21	1946173,32			

Perhitungan Uji BNT Bobot Badan Taraf 5%

$$BNT = t_{\frac{\alpha}{2}} \cdot fc \left\{ KTG \left( \frac{1}{n_i} + \frac{1}{n_j} \right) \right\}^{\frac{1}{2}}$$

$$T_{0,025,17} = 2,11$$

$$P0 \text{ dan } P1 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{3} \right) \right\}^{\frac{1}{2}} = 248,91 > 70,1^m$$

$$P0 \text{ dan } P2 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{\frac{1}{2}} = 215,56 < 228,54^*$$



$$P0 \text{ dan } P3 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{4} \right) \right\}^{1/2} = 228,64 \langle 397,11^* \rangle$$

$$P0 \text{ dan } P4 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{1/2} = 215,56 \langle 707,78^* \rangle$$

$$P1 \text{ dan } P2 = 2,11 \left\{ 26092,17 \left( \frac{1}{3} + \frac{1}{5} \right) \right\}^{1/2} = 248,91 \langle 158,44^{\text{tn}} \rangle$$

$$P1 \text{ dan } P3 = 2,11 \left\{ 26092,17 \left( \frac{1}{3} + \frac{1}{4} \right) \right\}^{1/2} = 260,31 \langle 327,01^* \rangle$$

$$P1 \text{ dan } P4 = 2,11 \left\{ 26092,17 \left( \frac{1}{3} + \frac{1}{5} \right) \right\}^{1/2} = 248,91 \langle 637,68^* \rangle$$

$$P2 \text{ dan } P3 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{4} \right) \right\}^{1/2} = 228,64 \langle 168,57^{\text{tn}} \rangle$$

$$P2 \text{ dan } P4 = 2,11 \left\{ 26092,17 \left( \frac{1}{5} + \frac{1}{5} \right) \right\}^{1/2} = 215,56 \langle 479,24^* \rangle$$

$$P3 \text{ dan } P4 = 2,11 \left\{ 26092,17 \left( \frac{1}{4} + \frac{1}{5} \right) \right\}^{1/2} = 228,64 \langle 310,67^* \rangle$$

P4	P3	P2	P1	P0
1686,00 <sup>d</sup>	1996,67 <sup>cd</sup>	2165,24 <sup>bc</sup>	2323,68 <sup>b</sup>	2393,78 <sup>a</sup>

## Lampiran 06. Tabel Rata-rata Analisa Proksimat Ransum

Tabel 07. Data Rata-rata Analisa Proksimat Ransum

Macam Analisa	Perlakuan				
	P0	P1	P2	P3	P4
Protein (%)	23,2176 <sup>c</sup>	21,47295 <sup>d</sup>	20,6489 <sup>c</sup>	19,8991 <sup>b</sup>	18,33235 <sup>a</sup>
Lemak (%)	13,70215 <sup>a</sup>	15,1033 <sup>c</sup>	14,40865 <sup>b</sup>	14,8363 <sup>b</sup>	17,0958 <sup>d</sup>
Abu (%)	4,77385 <sup>a</sup>	4,78345 <sup>a</sup>	4,93555 <sup>a</sup>	4,8475 <sup>a</sup>	5,2906 <sup>b</sup>
Air (%)	11,7504 <sup>a</sup>	11,7985 <sup>ab</sup>	11,8585 <sup>bc</sup>	11,8999 <sup>c</sup>	12,02215 <sup>d</sup>
Serat Kasar (%)	3,3064 <sup>a</sup>	3,7985 <sup>b</sup>	4,41425 <sup>c</sup>	5,5827 <sup>d</sup>	5,4716 <sup>d</sup>
Ca (%)	0,9319 <sup>c</sup>	0,92635 <sup>bc</sup>	0,75395 <sup>a</sup>	0,86805 <sup>b</sup>	0,7279 <sup>a</sup>
Pospor (%)	0,7256 <sup>b</sup>	0,7307 <sup>b</sup>	0,6630 <sup>a</sup>	0,65845 <sup>a</sup>	0,6839 <sup>ab</sup>
Kalori ( kal/g)	3534,9	3586,1	3531,8	3518,1	3621,6



## Lampiran 07. Data Temperatur Harian

Tabel 08. Data Temperatur Harian (°C)

MINGGU KE	HARI KE	PAGI (07.00)	SIANG (12.00)	SORE (15.00)
II	1	24	29	31
	2	23	29	33
	3	24	32	30
	4	24	30	28
	5	24	30	27
	6	24	28	30
	7	24	30	32
III	1	22	30	32
	2	23	30	30
	3	24	30	30
	4	23	29	30
	5	24	30	30
	6	24	29	30
	7	24	28	30
IV	1	24	28	30
	2	22	29	30
	3	24	30	30
	4	24	28	32
	5	23	28	30
	6	22	28	28
	7	22	28	28
V	1	24	28	28.5
	2	24	29	27
	3	23	28	32
	4	22	28	32
	5	22	28	32
	6	23	28	31
	7	22	30	31
VI	1	24	28	30
	2	24	30	29
	3	26	27	28
	4	24	28	27
	5	25	30	27
	6	24	30	30
	7	24	30	30
VII	1	24	30	32
	2	27	30	30
	3	26	30	33
	4	27	31	34
	5	24	30	32
	6	24	30	34
	7	24	32	30

Sumber : Data Primer, Nurchasanah, 2001

## Lampiran 08. Data Kelembaban Harian

Tabel 09. Data Kelembaban Harian (%)

MINGGU KE	HARI KE	PAGI (07.00)	SIANG (12.00)	SORE (15.00)
II	1	86	71	61
	2	88	66	54
	3	80	70	60
	4	80	61	65
	5	74	62	67
	6	80	65	57
	7	80	65	79
III	1	74	54	49
	2	76	53	54
	3	79	60	55
	4	80	55	55
	5	79	55	55
	6	79	58	57
	7	70	60	55
IV	1	75	62	51
	2	80	62	60
	3	80	45	49
	4	80	59	49
	5	76	62	54
	6	78	65	60
	7	78	58	60
V	1	68	58	55
	2	70	57	73
	3	75	50	40
	4	75	60	45
	5	77	57	45
	6	89	60	51
	7	85	60	55
VI	1	86	57	60
	2	82	74	73
	3	80	74	65
	4	80	66	72
	5	75	62	75
	6	86	65	62
	7	86	65	57
VII	1	85	75	60
	2	80	62	70
	3	80	60	52
	4	78	45	45
	5	76	45	48
	6	76	52	45
	7	80	40	45

Sumber : Data Primer, Nurchasanah, 2001