

Lampiran 1.

Tabel 3. Data Berat Badan Ayam Broiler

KELOMPOK	HASIL PENGAMATAN					
	PERLAKUAN	(1 hari)	(7 hari)	(14 hari)	(21 hari)	(28 hari)
-----gram-----						
P0 :	A	218,75	390,00	498,75	678,75	935,76
	B	241,50	343,00	488,75	681,25	1046,25
	C	177,50	282,50	416,25	575,00	907,50
P1 :	A	236,91	340,00	540,00	745,00	1131,50
	B	237,50	381,25	560,00	719,34	1142,75
	C	146,25	251,25	402,30	586,25	842,50
P2 :	A	220,00	356,25	515,00	693,00	1091,00
	B	256,15	396,25	562,50	675,00	1052,50
	C	323,85	465,25	665,25	905,00	1455,00
P3 :	A	254,50	418,50	652,50	922,50	1434,60
	B	228,30	387,30	585,00	873,00	1464,00
	C	199,50	368,10	621,75	868,05	1383,00
P4 :	A	188,80	306,00	451,44	633,60	1052,16
	B	190,00	300,00	463,20	673,20	1073,52
	C	137,96	244,00	388,72	539,20	833,44
P5 :	A	261,38	406,00	588,00	802,20	1212,96
	B	271,55	404,60	553,00	725,20	1003,80
	C	301,84	425,60	483,84	670,18	1115,24
P6 :	A	153,29	309,00	489,30	720,00	1148,00
	B	204,00	349,50	573,00	871,00	1311,00
	C	202,31	336,00	553,80	801,00	1456,50

Lampiran 2.

Tabel 4. Data Konsumsi Ransum Rata-rata per Hari

HARI KE	PERLAKUAN						
	P0	P1	P2	P3	P4	P5	P6
	-----gram-----						
1	447,00	337,50	551,25	410,25	306,75	464,25	333,75
2	464,25	369,00	359,94	449,25	519,69	728,25	391,50
3	480,00	561,00	462,00	438,00	522,00	562,50	366,00
4	468,75	536,25	445,50	641,25	556,89	759,00	401,25
5	562,50	449,04	438,60	613,50	686,64	674,25	372,00
6	682,50	618,99	528,60	755,85	438,75	822,00	543,00
7	547,50	574,50	558,75	780,60	605,25	819,00	656,25
8	588,75	603,75	647,25	716,25	769,50	756,00	678,75
9	693,00	483,75	727,50	824,25	983,25	693,75	707,25
10	921,75	594,75	605,25	704,25	642,00	746,25	863,25
11	768,75	601,50	782,25	825,00	775,50	727,50	569,25
12	917,25	669,75	670,50	720,00	708,75	723,75	752,25
13	910,50	885,00	788,85	1205,25	1050,00	842,25	1376,25
14	941,25	639,00	914,94	703,50	847,50	847,50	688,50
15	979,50	943,50	671,85	637,50	1010,25	1010,25	894,00
16	1282,50	1341,75	873,15	1125,00	1155,00	1155,00	1125,00
17	1462,50	600,00	1155,00	1865,25	1608,75	1608,75	1155,00
18	1441,50	1562,25	1179,75	1299,75	1155,00	1155,00	1575,00
19	1873,50	1136,25	987,75	1611,00	1833,75	1833,75	1275,00
20	1179,00	852,75	712,50	2682,75	1241,25	1241,25	1650,00
21	2140,50	1312,50	2103,75	1938,75	1218,00	1176,00	1535,25
22	2052,69	1534,50	1148,25	2448,75	1110,00	1260,00	2331,00
23	1421,25	1287,00	1270,50	2460,00	1290,69	1237,50	1698,00
24	1693,50	1425,00	1512,00	2571,00	1395,90	1313,40	2250,00
25	1772,13	1671,24	1430,40	2770,41	1539,72	1365,00	2354,70
26	1869,60	1832,34	1378,50	2865,24	1694,55	1376,10	2575,50
27	1817,25	1974,30	1860,90	2985,30	1890,00	1749,74	2812,50
28	1891,25	1907,28	1936,50	2844,00	1935,69	1892,10	2850,00

Lampiran 3.

Tabel 05. Data Temperatur dan Kelembaban Selama Perlakuan Tanggal 25 Oktober sampai dengan 20 November 1995.

Tanggal	Data	Waktu	Hasil Pengamatan/Hari					
			1	2	3	4	5	6
25 - 30 Oktober	T(°C)	08.00	26,1	26,5	25,3	26,5	24,7	25,4
		14.00	29,2	30,0	27,0	30,4	28,0	29,1
		20.00	26,5	27,7	25,8	27,4	25,3	25,9
	Kelem baban (%)	08.00	78,0	74,0	75,0	72,0	73,0	72,0
		14.00	60,5	63,0	67,0	63,0	58,0	59,0
		20.00	76,0	75,0	68,0	68,0	67,0	68,0
31 Okto ber - 5 November	T(°C)	08.00	25,0	24,8	25,1	24,5	25,5	24,5
		14.00	27,0	28,0	28,3	28,0	29,6	27,5
		20.00	26,0	25,0	26,0	25,2	26,7	26,1
	Kelem baban (%)	08.00	75,5	75,5	78,0	80,0	80,0	77,0
		14.00	64,0	63,0	65,0	69,0	63,5	64,0
		20.00	76,0	68,0	75,0	75,0	77,0	77,5
6 - 11 Novem- ber	T(°C)	08.00	24,0	25,0	24,1	25,0	26,0	25,1
		14.00	28,1	29,1	28,9	29,0	29,5	29,3
		20.00	24,3	25,8	24,5	27,0	26,2	26,9
	Kelem baban (%)	08.00	72,0	79,0	71,0	72,0	80,0	81,0
		14.00	58,0	60,0	65,0	57,0	60,0	63,0
		20.00	65,0	75,0	61,0	65,0	69,0	76,0
12 - 17 Novem- ber	T(°C)	08.00	25,5	25,2	26,9	23,5	24,0	26,9
		14.00	29,0	29,0	27,0	25,1	27,1	27,0
		20.00	24,3	25,8	25,1	25,0	26,2	25,2
	Kelem baban (%)	08.00	78,0	78,0	81,0	80,0	83,0	74,0
		14.00	70,0	65,0	73,0	66,0	68,0	65,0
		20.00	72,0	69,0	74,0	75,0	72,0	75,0
18 - 21 Novem- ber	T(°C)	08.00	25,6	26,5	25,0	24,6		
		14.00	29,1	28,0	29,3	29,0		
		20.00	26,7	25,5	26,0	25,8		
	Kelem baban (%)	08.00	80,0	71,5	68,0	74,0		
		14.00	61,0	63,0	75,0	71,5		
		20.00	76,0	68,0	76,0	73,0		

Lampiran 4. Perhitungan Laju Pertumbuhan

Tabel 6. Perhitungan Analisis Varian Laju Pertumbuhan Ayam Broiler Selama 4 Minggu Perlakuan (gram/minggu)

PERLAKUAN	ULANGAN			ΣX	X	$(\Sigma X)^2$
	1	2	3			
P0	179,25	201,19	182,50	562,94	187,65	316901,44
P1	223,65	226,31	174,06	624,02	208,01	389400,96
P2	217,75	199,09	282,79	699,63	233,21	489482,14
P3	295,03	308,93	295,88	899,84	299,95	809712,03
P4	215,84	220,88	173,87	610,59	203,53	372820,15
P5	237,90	183,06	203,35	624,31	208,10	389762,98
P6	248,93	276,75	313,55	839,23	279,74	704306,92
JUMLAH				4860,56		3472386,68

$$FK = (\Sigma \Sigma X)^2 : 21 = 4860,56^2 : 21 = 1125002,07$$

$$JKP = (\Sigma (\Sigma X)^2 : 3) - FK = (3472386,68 : 3) - FK = 32460,16$$

$$JKT = (179,25^2 + 201,19^2 + \dots + 313,55^2) - FK$$

$$= 1168428,71 - FK = 43426,64$$

$$JKE = JKT - JKP = 10966,48$$

$$KTP = JKP : 6 = 5410,03$$

$$KTE = JKE : 14 = 783,32$$

ANOVA

SUMBER KERAGAMAN	DB	JK	KT	F HIT	FTABEL (0,05)
PERLAKUAN	6	32460,16	5410,03	6,91	2,85
GALAT	14	10966,48	783,32		
TOTAL	20	43426,64	6193,35		

Keterangan : F Hitung > F Tabel, jadi berbeda nyata

Perhitungan Uji BNJ Laju Pertumbuhan Ayam Broiler Selama 4 Minggu Pengamatan

$$W = q (0,05) \sqrt{(KTE : n)}$$

$$W = 4,83 \sqrt{(783,32 : 3)} = 78,08$$

Tabel 7. Beda Antar Mean Laju Pertumbuhan

PERLAKUAN	MEAN	SELISIH					
P0	187,65	P0					
P4	203,53	15,88	P4				
P1	208,01	20,36	4,48	P1			
P5	208,10	20,45	4,57	0,09	P5		
P2	233,31	45,56	29,68	25,20	25,00	P2	
P6	279,74	92,09*	76,21	71,73	71,64	46,53	P6
P3	299,95	112,30*	96,42*	91,94*	91,85*	66,73	20,21

Keterangan: * : Menunjukkan berbeda nyata antara 2 kelompok perlakuan

Keterangan : Perhitungan analisis varian dan uji lanjut BNJ terhadap pertambahan berat badan selama 4 minggu pengamatan dilakukan dengan cara yang sama.

Lampiran 5. Perhitungan Pertambahan Berat Badan

ANOVA

SUMBER KERAGAMAN	db	JK	KT	FHit	Ftab(0,05)
PERLAKUAN	6	519321,60	86533,60	6,91	2,85
GALAT	14	175451,19	12532,23		
TOTAL	20	694772,79	99065,83		

Keterangan : F Hitung > F Tabel, jadi berbeda nyata

Tabel 8. Beda Antar Mean Pertambahan Berat Badan

PERLAKUAN	MEAN	SELISIH					
P0	754,58	P0					
P4	814,12	59,54	P4				
P1	832,03	77,45	0,32	P1			
P5	832,41	77,83	18,29	0,38	P5		
P2	932,83	178,25	118,71	100,80	100,42	P2	
P6	1118,97	364,29*	304,85	286,94	286,56	186,14	P6
P3	1199,77	445,19*	385,65*	367,74*	367,36*	266,94	80,08

Keterangan: * : Menunjukkan berbeda nyata antara 2 kelompok perlakuan



Lampiran 6. Perhitungan Serat Kasar (SK)

Kadar serat kasar dalam konsentrat 511 = 2,26%

Kadar serat kasar dalam tepung limbah udang = 18,25%

Kadar serat dalam bungkil kacang kedelai = 10,40%

Kadar serat kasar dalam ransum P1 :

Jumlah ransum P1 = jumlah pakan standart + 5% tepung
limbah udang

$$= 100 \text{ kg} + 5 \text{ kg} = 105 \text{ kg}$$

SK dalam 5% tepung limbah udang

$$= 18,25\% \times 5 \text{ kg} = 0,91 \text{ kg}$$

SK dalam 5% tepung limbah udang pada ransum P1

$$= (0,91 : 105) \times 100\% = 0,86\%$$

SK dalam konsentrat pada ransum P1

$$= (2,26 : 105) \times 100\% = 2,15\%$$

Total SK pada ransum P1 = 0,86% + 2,15% = 3,01%

Keterangan : Kadar SK dalam ransum P2, P3, P4, P5 dan P6
dengan cara yang sama seperti di atas
berturut-turut sebesar 3,71%; 4,35%; 2,65%;
3,00% dan 3,33%.

Lampiran 7. Hasil Analisis Kandungan Protein Ransum



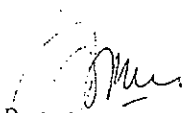
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HASIL ANALISA
 LABORATORIUM NUTRISI FAPET IPB

Analisa : Protein
 Sampel : Pakan
 Asal : Umi Qowiyatun dkk

Code	% Protein
P1	25.50
P2	27.15
P3	23.35
P4	20.09
P5	21.82
P6	18.25
P7	18.95

Bogor, 8 Februari 1996


 Darmawan