

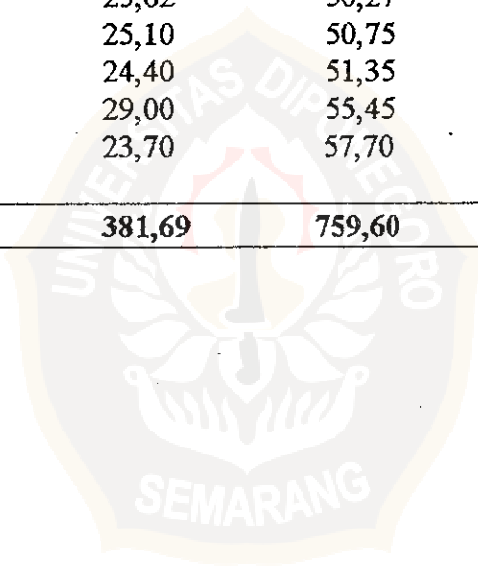
LAMPIRAN - LAMPIRAN



Lampiran 01. Data Bobot Otot *Ekstremitas Posterior* (gr)

Tabel Data Bobot Otot *Ekstremitas Posterior* (gr)

Perlakuan	Ulangan		Total	Rata-rata
	1	2		
AoBo	13,85	14,09	27,94	13,97
B1	20,41	23,81	44,22	22,11
B2	21,75	22,55	44,30	22,15
B3	21,28	23,50	44,78	22,39
A1B0	22,27	23,05	45,32	22,66
B1	20,95	24,83	45,78	22,89
B2	23,00	24,67	47,67	23,84
B3	26,80	21,20	48,00	24,00
A2B0	20,34	27,90	48,24	24,12
B1	24,69	23,68	48,37	24,17
B2	24,87	24,59	49,46	24,73
B3	24,65	25,62	50,27	25,14
A3B0	25,65	25,10	50,75	25,38
B1	26,95	24,40	51,35	25,68
B2	26,45	29,00	55,45	27,73
B3	34,00	23,70	57,70	28,85
TOTAL	37,91	381,69	759,60	23,74



Lampiran 02. Contoh Perhitungan Statistik

$$\begin{aligned} \text{Faktor Koreksi (FK)} &= \frac{y^2}{n.a.b} \\ &= \frac{759,60^2}{2.4.4} \\ &= 18031,005 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Total (JK}_T) &= \sum i \sum j \sum k Y_{ijk} - FK \\ &= (131,85)^2 + \dots + (23,70)^2 - FK \\ &= 435,0024 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Perlakuan (JK}_P) &= \sum i \sum j \left(\sum k Y_{ijk} \right)^2 \\ &= \frac{(27,94)^2 + \dots + (57,70)^2}{2} - FK \\ &= 312,2083 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat A (Fe)} &= \sum i \left(\sum j \sum k Y_{ijk} \right)^2 / n.b - FK \\ &= ((161,24)^2 + \dots + (215,25)^2) / 8 - FK \\ &= 189,411075 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat B (Cu)} &= \sum j \left(\sum i \sum k Y_{ijk} \right)^2 / n.a - FK \\ &= (172,25)^2 + \dots + (200,7)^2 / 8 - FK \\ &= 59,749725 \end{aligned}$$

$$\begin{aligned} \text{Jumlah Kuadrat Ax B (FexCu)} &= JK_P - JK_A - JK_B \\ &= 122,79 \end{aligned}$$

$$\text{Jumlah Kuadrat Galat (JK}_G) = JK_T - JK_P = 63,0475$$

$$\begin{aligned}
\text{Kuadrat Tengah Perlakuan (KT}_p\text{)} &= JK_p / db_p = 312,2083 / 15 \\
&= 20,8139 \\
\text{Kuadrat Tengah A (Fe)} &= JK_A / db_A = 189,411075 / 3 \\
&= 63,1370 \\
\text{Kuadrat Tengah B (Cu)} &= JK_B / db_B = 59,749725 / 3 \\
&= 19,916575 \\
\text{Kuadrat Tengah Ax B (FexCu)} &= JK_{Ax B} / db_{Ax B} = 63,0479 / 9 \\
&= 7,005278 \\
\text{Fhitung Perlakuan} &= KT_p / KT_G = 20,813887 / 7,67463125 \\
&= 2,73 \\
\text{F hitung A (Fe)} &= KT_A / KT_G = 63,0479 / 7,67463125 \\
&= 8,23 \\
\text{F hitung B (Cu)} &= KT_B / KT_G = 19,916575 / 7,67463125 \\
&= 2,59 \\
\text{F hitung Ax B (FexCu)} &= KT_{Ax B} / KT_G = 7,005278 / 7,67463125 \\
&= 0,91 \\
\text{Koefisien keragaman (KK)} &= (\sqrt{7,67463125 / 23,74}) \times 100 \% \\
&= 11,67 \%
\end{aligned}$$

Lampiran 03. Tabel ANOVA Bobot Otot *Ekstremitas Posterior*

Sumber Keragaman	db	JK	KT	Fhit	Ftab
Perlakuan	15	312,2083	20,813887	2,71*	2,35
-A (Fe)	3	189,4111	63,137025	8,23*	3,24
-B (Cu)	3	59,7497	19,916575	2,59 ^{tn}	3,24
-AxB (FexCu)	9	122,7941	7,005278	0,91 ^{tn}	2,54
Galat	16	63,0475	7,674631		
Total	31	435,0024			

KK = 11,67 %

* = berbeda nyata

tn = tidak nyata



Lampiran 04. Uji BNJ (Taraf 5 %) Bobot Otot *Ekstremitas Posterior*

a. Uji BNJ Faktor A (Fe)

$$\begin{aligned} \text{Nilai BNJ A (Fe)} &= q_{(\alpha,p)} \times \left(\sqrt{KT_G / n.a} \right) \\ &= 5,66 \times 0,979453371 \\ &= 5,54 \end{aligned}$$

Tabel BNJ Faktor A (Fe)

A (Fe)	Nilai Tengah	A0	A1	A2	A3
A0	20,16 ^a	-			
A1	23,35 ^{ab}	3,19	-		
A2	24,54 ^{ab}	4,38	1,19	-	
A3	26,91 ^b	6,75*	3,56	2,73	-

* = berbeda nyata

b. Uji BNJ Faktor B (Cu)

$$\begin{aligned} \text{Nilai BNJ B (Cu)} &= q_{(\alpha,p)} \times \left(\sqrt{KT_G / n.b} \right) \\ &= 5,66 \times 0,979453371 \\ &= 5,54 \end{aligned}$$

Tabel BNJ Faktor B (Cu)

B(Cu)	Nilai Tengah	B0	B1	B2	B3
B0	21,53 ^a	-			
B1	23,72 ^a	2,19	-		
B2	24,61 ^a	3,08	0,69	-	
B3	25,09 ^a	3,56	1,37	0,48	-

Lampiran 05. Data dan ANOVA Diameter Otot *Peronaeus Superficialis*

Tabel Data Diameter Otot *Peronaeus Superficialis* (μ)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	21	22	43	21,5
B1	22	22	44	22
B2	23	23	46	23
B3	24	23	47	23,5
A1B0	25	24	49	24,5
B1	25	25	50	25
B2	25	25	50	25
B3	25	25	50	25
A2B0	26	25	51	25,5
B1	26	25	51	25,5
B2	26	26	52	26
B3	27	25	52	26
A3B0	27	27	54	27
B1	27	27	54	27
B2	28	28	56	28
B3	29	28	57	28,5
TOTAL	406	400	806	25,1875

Tabel ANOVA Diameter Otot *Peronaeus Superficialis*

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	29,468	1,964	25,16*	2,35
A (Fe)	3	27,156	9,052	115,87*	3,24
B (Cu)	3	1,656	0,552	7,07*	3,24
AxB (FexCu)	9	0,656	0,073	0,93 ^{tn}	2,54
Galat	16	1,25	0,078		
Total	31	30,718			

KK= 2,22%

* = berbeda nyata tn = tidak nyata

Lampiran 06. Uji Beda Nyata Jujur 5 % Diameter Otot *Peronaeus Superficialis*

a. Uji BNJ Faktor A (Fe)

$$\begin{aligned} \text{Nilai BNJ A (Fe)} &= q_{(\alpha,p)} \times \left(\sqrt{KT_G / n.a} \right) \\ &= 5,66 \times 0,197642353 \\ &= 1,12 \end{aligned}$$

Tabel BNJ Faktor A (Fe)

A (Fe)	Nilai Tengah	A0	A1	A2	A3
A0	22,50 ^a	-			
A1	24,88 ^{bc}	2,38*	-		
A2	25,75 ^c	3,25*	0,87	-	
A3	27,63 ^d	5,13*	2,75*	1,88*	-

* = berbeda nyata

b. Uji BNJ Faktor B (Cu)

$$\begin{aligned} \text{Nilai BNJ B (Cu)} &= q_{(\alpha,p)} \times \left(\sqrt{KT_G / n.b} \right) \\ &= 5,66 \times 0,197642353 \\ &= 1,12 \end{aligned}$$

Tabel BNJ Faktor B (Cu)

B(Cu)	Nilai Tengah	B0	B1	B2	B3
B0	24,63 ^a	-			
B1	24,88 ^{ab}	0,25	-		
B2	25,50 ^{ab}	0,88	0,63	-	
B3	25,75 ^b	1,13*	0,88	0,25	-

* = berbeda nyata

Lampiran 07. Data dan ANOVA Bobot Tulang Femur (gr)

Tabel Data Bobot Tulang Femur (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	2,55	2,68	5,23	2,62
B1	2,61	2,95	5,55	2,78
B2	2,55	2,88	5,43	2,72
B3	2,40	2,25	4,65	2,33
A1B0	2,85	2,60	5,45	2,73
B1	2,95	2,55	5,50	2,75
B2	2,40	2,45	4,85	2,43
B3	2,70	2,55	5,25	2,63
A2B0	2,55	2,70	5,25	2,63
B1	2,95	3,20	6,15	3,08
B2	2,55	3,00	5,55	2,78
B3	2,50	2,90	5,40	2,70
A3B0	2,95	2,65	5,60	2,80
B1	2,90	2,65	5,55	2,78
B2	3,05	2,85	5,90	2,95
B3	3,15	2,50	5,65	2,83
TOTAL	43,60	43,36	86,96	2,72

Tabel ANOVA Bobot Tulang Femur

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	0,958	0,064	1,29 ^{tn}	2,35
A (Fe)	3	0,318	0,106	2,15 ^{tn}	3,24
B (Cu)	3	0,211	0,070	0,75 ^{tn}	3,24
AxB (FexCu)	9	0,421	0,048	0,96 ^{tn}	2,54
Galat	16	0,790	0,049		
Total	31	1,748			

KK= 6,95%

* = berbeda nyata tn = tidak nyata

Lampiran 08. Data dan ANOVA Panjang Tulang Femur (cm)

Tabel Data Panjang Tulang Femur (cm)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	5,550	5,680	11,230	5,615
B1	5,548	5,590	11,138	5,569
B2	5,470	5,640	11,110	5,555
B3	5,375	5,220	10,595	5,298
A1B0	5,705	5,493	11,198	5,599
B1	5,750	5,583	11,333	5,622
B2	5,463	5,268	10,731	5,366
B3	5,488	5,375	10,863	5,432
A2B0	5,565	5,403	10,968	5,484
B1	5,825	5,540	11,365	5,683
B2	5,458	5,898	11,356	5,678
B3	25,620	5,783	11,403	5,702
A3B0	25,553	5,520	11,073	5,537
B1	5,588	5,738	11,326	5,663
B2	5,445	5,675	11,120	5,560
B3	5,780	5,315	11,095	5,548
TOTAL	89,183	88,721	177,904	55,595

Tabel ANOVA Panjang Tulang Femur

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	0,411	0,027	1,07 ^{tn}	2,35
A (Fe)	3	0,086	0,085	1,12 ^{tn}	3,24
B (Cu)	3	0,096	0,032	1,25 ^{tn}	3,24
AxB (FexCu)	9	0,229	0,025	1,00 ^{tn}	2,54
Galat	16	0,408	0,025		
Total	31	0,818			

KK= 2,87% * = berbeda nyata tn = tidak nyata

Lampiran 09. Data dan ANOVA Diameter Tulang Femur (cm)

Tabel Data Diameter Tulang Femur (cm)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	0,533	0,512	1,044	0,522
B1	0,488	0,547	1,034	0,517
B2	0,534	0,548	1,082	0,541
B3	0,476	0,534	1,010	0,505
A1B0	0,527	0,544	1,071	0,536
B1	0,542	0,517	1,058	0,529
B2	0,536	0,500	1,036	0,518
B3	0,523	0,499	1,022	0,508
A2B0	0,527	0,519	1,045	0,523
B1	0,518	0,561	1,078	0,539
B2	0,504	0,582	1,086	0,543
B3	0,487	0,575	1,062	0,531
A3B0	0,533	0,499	1,032	0,516
B1	0,537	0,593	1,129	0,565
B2	0,539	0,553	1,092	0,546
B3	0,574	0,522	1,096	0,548
TOTAL	8,374	8,601	16,975	0,530

Tabel ANOVA Diameter Tulang Femur

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	$7,550 \cdot 10^{-3}$	$5,033 \cdot 10^{-4}$	0,49 ^{tn}	2,35
A (Fe)	3	$2,554 \cdot 10^{-3}$	$8,512 \cdot 10^{-4}$	0,82 ^{tn}	3,24
B (Cu)	3	$1,421 \cdot 10^{-3}$	$4,736 \cdot 10^{-4}$	0,46 ^{tn}	3,24
AxB (FexCu)	9	$3,575 \cdot 10^{-3}$	$3,972 \cdot 10^{-4}$	0,38 ^{tn}	2,54
Galat	16	0,017	$1,037 \cdot 10^{-3}$		
Total	31	0,024			

KK= 5,55%

* = berbeda nyata tn = tidak nyata

Lampiran 10. Data dan ANOVA Bobot Tulang Tibia (gr)

Tabel Data Bobot Tulang Tibia (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	3,80	3,93	7,73	3,865
B1	3,55	4,05	7,60	3,800
B2	3,90	4,05	7,95	3,975
B3	3,30	3,40	6,70	3,350
A1B0	4,25	3,65	7,80	3,900
B1	4,10	3,65	7,75	3,875
B2	3,05	3,50	7,15	3,575
B3	3,60	3,45	7,05	3,525
A2B0	3,70	3,45	7,15	3,575
B1	4,45	4,20	8,65	4,325
B2	3,65	3,95	7,60	3,800
B3	3,75	4,15	7,90	3,950
A3B0	3,95	3,60	7,55	3,775
B1	3,90	3,90	7,80	3,900
B2	4,20	4,15	8,35	4,175
B3	4,60	3,80	8,40	4,200
TOTAL	62,25	60,88	123,13	3,848

Tabel ANOVA Bobot Tulang Tibia

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	2,0053	0,1337	2,21 ^{tn}	2,35
A (Fe)	3	0,4642	0,1547	2,55 ^{tn}	3,24
B (Cu)	3	0,2436	0,0812	1,34 ^{tn}	3,24
AxB (FexCu)	9	1,2975	0,1442	2,38 ^{tn}	2,54
Galat	16	0,9685	0,0605		
Total	31	2,9737			

KK= 6,3%

* = berbeda nyata tn = tidak nyata

Lampiran 11. Data dan ANOVA Panjang Tulang Tibia (cm)

Tabel Data Panjang Tulang Tibia (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	7,588	7,603	15,191	7,596
B1	7,500	7,665	15,165	7,583
B2	7,498	7,618	15,026	7,513
B3	7,235	7,205	14,440	7,220
A1B0	7,505	7,398	14,903	7,452
B1	7,600	7,455	15,055	7,528
B2	7,368	7,173	14,541	7,271
B3	7,265	7,260	14,525	7,263
A2B0	7,560	7,163	14,723	7,362
B1	7,795	7,535	15,330	7,665
B2	7,490	7,780	15,270	7,635
B3	7,645	7,565	15,210	7,605
A3B0	7,525	7,525	15,050	7,525
B1	7,525	7,345	14,870	7,432
B2	7,505	7,540	15,045	7,523
B3	7,820	7,335	15,155	7,578
TOTAL	120,334	119,165	239,499	7,484

Tabel ANOVA Panjang Tulang Tibia

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	0,579	0,036	1,69 ^{tn}	2,35
A (Fe)	3	0,152	0,051	2,23 ^{tn}	3,24
B (Cu)	3	0,074	0,025	1,09 ^{tn}	3,24
AxB (FexCu)	9	0,353	0,039	1,72 ^{tn}	2,54
Galat	16	0,364	0,023		
Total	31	0,943			

KK = 2,01%

* = berbeda nyata tn = tidak nyata

Lampiran 12. Data dan ANOVA Diameter Tulang Tibia(cm)

Tabel Data Diameter Tulang Tibia (cm)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	0,495	0,472	0,967	0,483
B1	0,438	0,473	0,910	0,455
B2	0,471	0,477	0,947	0,474
B3	0,424	0,463	0,887	0,443
A1B0	0,478	0,478	0,955	0,478
B1	0,513	0,457	0,969	0,485
B2	0,491	0,466	0,956	0,478
B3	0,463	0,460	0,923	0,461
A2B0	0,465	0,453	0,918	0,459
B1	0,504	0,478	0,982	0,491
B2	0,458	0,506	0,964	0,482
B3	0,446	0,423	0,868	0,434
A3B0	0,483	0,437	0,919	0,459
B1	0,468	0,469	0,937	0,468
B2	0,468	0,517	0,984	0,492
B3	0,487	0,449	0,936	0,468
TOTAL	7,548	7,472	15,019	0,469

Tabel ANOVA Diameter Tulang Tibia

S K	db	JK	KT	Fhit	Ftab (5%)
Perlakuan	15	8,248.10 ⁻³	5,499.10 ⁻⁴	1,05 ^{tn}	2,35
A (Fe)	3	6,687.10 ⁻⁴	2,229.10 ⁻⁴	0,43 ^{tn}	3,24
B (Cu)	3	3,906.10 ⁻³	1,302.10 ⁻³	2,49 ^{tn}	3,24
AxB (FexCu)	9	3,674.10 ⁻³	4,082.10 ⁻⁴	0,78 ^{tn}	2,54
Galat	16	8,367.10 ⁻³	5,229.10 ⁻⁴		
Total	31	0,017			
KK= 4,87%		* = berbeda nyata tn = tidak nyata			

Lampiran 13. Data Bobot Badan Awal (gr)

Tabel Bobot Badan Awal (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	235,2	236,3	471,5	235,8
B1	235,7	237,1	472,8	236,4
B2	236,8	235,0	471,8	235,9
B3	235,3	236,4	471,7	235,9
A1B0	236,5	235,8	472,3	236,2
B1	235,0	236,6	471,6	235,8
B2	235,7	236,5	472,2	236,1
B3	236,1	236,0	472,1	236,1
A2B0	236,5	236,1	472,6	236,3
B1	235,8	236,3	472,1	236,1
B2	236,3	235,5	471,8	235,9
B3	236,2	235,4	471,6	235,8
A3B0	235,9	237,0	472,9	236,5
B1	236,3	236,2	472,5	236,3
B2	234,9	236,0	470,9	235,5
B3	235,6	236,0	471,6	235,8

Lampiran 14. Data Bobot Badan Minggu I (gr)

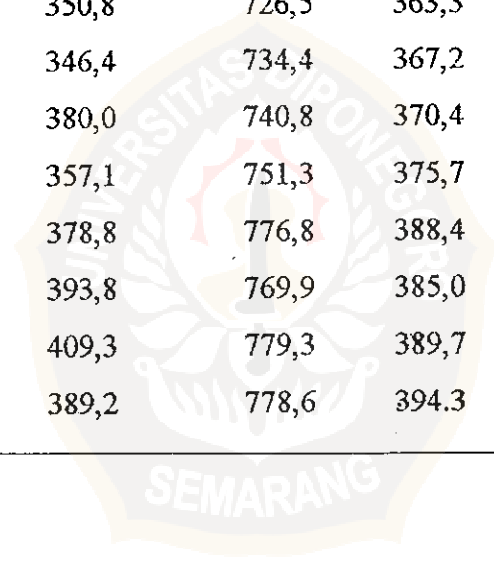
Tabel Bobot Badan Minggu I (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	307,0	281,4	588,4	294,2
B1	286,9	285,0	571,9	286,0
B2	310,0	310,5	620,5	310,3
B3	284,0	285,0	569,0	284,5
A1B0	312,5	283,4	595,9	298,0
B1	236,5	266,0	592,5	296,3
B2	292,0	298,0	590,0	295,0
B3	279,1	275,5	554,1	277,1
A2B0	306,5	281,2	587,7	293,9
B1	318,5	322,5	641,0	320,5
B2	287,5	316,6	604,1	302,1
B3	313,3	326,0	639,3	319,7
A3B0	315,0	303,5	618,5	309,3
B1	314,7	295,4	610,1	305,1
B2	322,7	324,5	647,2	323,6
B3	333,0	305,0	638,0	319,0

Lampiran 15. Data Bobot Badan Akhir (gr)

Tabel Bobot Badan Akhir (gr)

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	333,0	324,3	657,3	328,7
B1	337,1	346,1	683,2	341,6
B2	392,0	315,9	707,9	354,0
B3	354,6	357,1	711,7	355,9
A1B0	359,7	352,2	711,9	356,0
B1	374,5	337,8	712,3	356,2
B2	369,3	346,1	715,4	357,7
B3	366,0	356,7	722,7	361,4
A2B0	375,7	350,8	726,5	363,3
B1	388,0	346,4	734,4	367,2
B2	360,8	380,0	740,8	370,4
B3	394,2	357,1	751,3	375,7
A3B0	398,0	378,8	776,8	388,4
B1	376,1	393,8	769,9	385,0
B2	370,0	409,3	779,3	389,7
B3	399,4	389,2	778,6	394,3



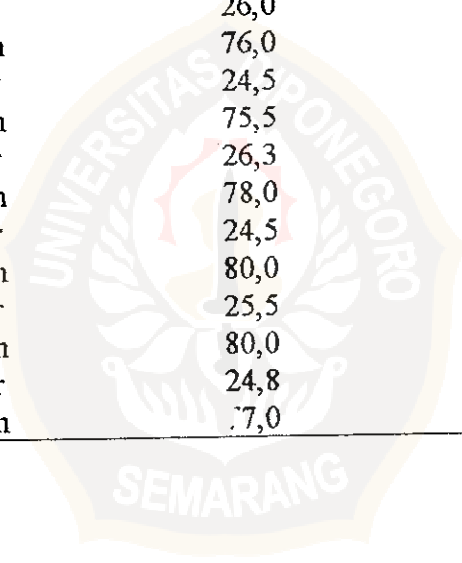
Lampiran 16. Data Laju Pertumbuhan

Tabel Laju Pertumbuhan

Perlakuan	Ulangan		Jumlah	Rata-rata
	1	2		
A0B0	57,19	51,46	108,65	54,33
B1	59,30	63,74	123,04	61,52
B2	90,76	47,31	138,07	69,04
B3	69,77	70,58	140,35	70,18
A1B0	72,05	68,07	140,12	70,06
B1	81,58	59,18	140,76	70,38
B2	78,13	64,09	147,22	73,61
B3	75,96	70,58	146,54	73,27
A2B0	81,40	67,08	148,48	74,24
B1	89,00	64,39	153,39	76,70
B2	72,81	84,50	157,31	78,66
B3	92,40	71,17	163,57	81,79
A3B0	94,90	82,92	177,72	88,86
B1	81,46	92,16	173,62	86,81
B2	78,60	101,35	179,95	89,98
B3	95,79	89,59	185,38	92,69

Lampiran 17. Data Temperatur dan Kelembaban

Hari ke	Data	Waktu	
		08.00	14.00
1	Temperatur	26,1	29,2
	Kelembaban	72,0	59,0
2	Temperatur	26,5	30,0
	Kelembaban	78,0	60,0
3	Temperatur	25,3	27,0
	Kelembaban	77,0	60,7
4	Temperatur	26,5	30,4
	Kelembaban	75,0	67,0
5	Temperatur	24,7	25,4
	Kelembaban	72,0	63,0
6	Temperatur	25,4	29,1
	Kelembaban	73,0	58,0
7	Temperatur	26,0	39,0
	Kelembaban	76,0	64,0
8	Temperatur	24,5	28,0
	Kelembaban	75,5	63,0
9	Temperatur	26,3	28,0
	Kelembaban	78,0	65,0
10	Temperatur	24,5	24,5
	Kelembaban	80,0	75,0
11	Temperatur	25,5	29,7
	Kelembaban	80,0	63,0
12	Temperatur	24,8	26,9
	Kelembaban	77,0	68,5



*Eko peruntukkan naskah ini untukmu,
semoga Allah SWT membalas kebaikanmu*

Thank's for Your Goodness

and

Please Apologize me for all of my faults

Jazakumullah Khoiron Katsiro