

LAMPIRAN-LAMPIRAN



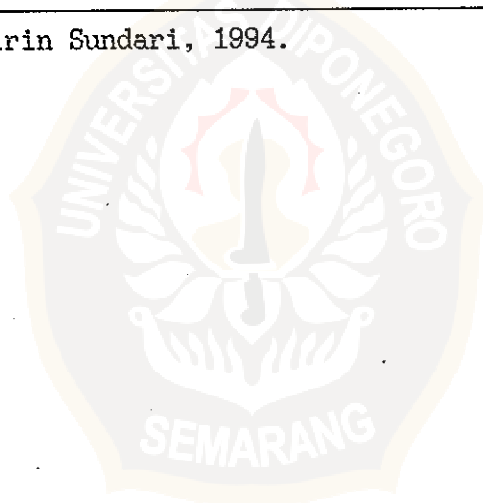
Lampiran 01

Tabel 09. Perhitungan Kepadatan Sel *Chlorella* sp Setiap Hari Selama Penelitian ($\cdot 10^4$ sel/ml)

Hari	Perlakuan				
	A	B	C	D	E
1.	32,0000	32,0000	32,0000	32,0000	32,0000
	32,0000	32,0000	32,0000	32,0000	32,0000
	32,0000	32,0000	32,0000	32,0000	32,0000
	32,0000	32,0000	32,0000	32,0000	32,0000
2.	85,3333	112,3333	120,3333	80,0000	94,0000
	94,6667	80,6667	102,6667	96,3333	96,3333
	92,0000	98,6667	110,0000	100,3333	85,6667
	90,6667	87,0000	95,3333	89,3333	92,0000
3.	122,0000	196,3333	217,3333	144,3333	153,3333
	153,3333	168,3333	188,0000	169,0000	157,0000
	131,6667	182,0000	199,6667	180,3333	146,3333
	140,0000	175,0000	179,6667	152,0000	150,3333
4.	198,6667	395,6667	400,0000	315,0000	267,0000
	233,3333	360,3333	381,0000	343,6667	279,3333
	209,3333	381,3333	390,3333	367,6667	242,0000
	217,3333	372,3333	367,6667	330,3333	254,0000
5.	297,0000	598,0000	680,3333	536,6667	428,0000
	345,3333	562,0000	641,6667	588,0000	424,0000
	304,6667	589,0000	656,3333	600,6667	391,0000
	321,0000	574,0000	629,6667	567,0000	400,0000
6.	405,3333	831,6667	919,0000	701,3333	591,0000
	445,6667	781,3333	900,0000	720,3333	600,6667
	420,3333	827,0000	888,0000	734,6667	567,6667
	431,3333	792,3333	873,0000	713,3333	579,6667
7.	500,6667	999,0000	1061,0000	800,3333	736,3333
	551,0000	943,3333	1012,6667	834,6667	781,0000
	522,3333	996,3333	1054,3333	852,0000	713,3333
	536,0000	979,0000	1005,3333	811,3333	720,6667
8.	486,0000	910,6667	990,0000	739,0000	681,0000
	457,3333	872,0000	961,6667	767,0000	690,3333
	468,6667	898,6667	975,6667	773,0000	665,6667
	472,3333	889,0000	949,6667	745,0000	670,3333

Hari	Perlakuan				
	A	B	C	D	E
9.	397,0000	721,3333	831,6667	554,0000	523,3333
	400,3333	690,6667	810,6667	582,3333	540,3333
	374,6667	717,0000	827,6667	595,0000	491,6667
	388,3333	706,6667	800,3333	578,6667	506,3333
10.	288,3333	535,0000	686,0000	364,6667	350,6667
	304,6667	504,3333	633,3333	381,6667	354,3333
	292,6667	523,0000	651,0000	406,6667	329,0000
	275,0000	511,6667	625,3333	379,0000	340,0000
11.	195,0000	368,0000	452,6667	239,3333	237,0000
	208,6667	313,6667	421,3333	226,0000	251,6667
	186,6667	332,6667	435,0000	254,3333	202,3333
	174,0000	325,6667	404,6667	210,0000	215,3333
12.	97,3333	216,0000	240,3333	107,6667	129,0000
	100,6667	179,0000	210,0000	143,3333	146,6667
	92,3333	197,3333	224,3333	166,3333	103,3333
	84,0000	184,0000	190,3333	128,3333	111,6667

Data Primer oleh B. Ririn Sundari, 1994.



Lampiran 02

Analisa data pengaruh penambahan bekatul terhadap jumlah sel *Chlorella* sp

Tabel 12. Data Jumlah Sel *Chlorella* sp (sel/ml)

Perlakuan	Ulangan				Jumlah	Rerata
	1	2	3	4		
A	5006667	5510000	5223333	5360000	21100000	5275000
B	9990000	9433333	9963333	9790000	39176666	9794166.5
C	10610000	10126667	10543333	10053333	41333333	10333333.25
D	8003333	8346667	8520000	8113333	32983333	8245833.25
E	7363333	7810000	7133333	7206667	29516667	7379166.75
Jumlah					164109999	8205499.95

Data Primer Oleh B. Ririn Sundari, 1994.

Derajat Bebas Total : 20 - 1 = 19

Derajat Bebas Perlakuan : 5 - 1 = 4

Derajat Bebas Error : 19 - 4 = 15

$$FK = \frac{(\sum x)^2}{r \cdot t} = \frac{(164109999)^2}{20} = 1,346604589 \cdot 10^{15}$$

$$\begin{aligned} JKT &= \sum x^2 - FK \\ &= (5006667^2 + \dots + 7206667^2) - 1,346604589 \cdot 10^{15} \\ &= 6,62598916 \cdot 10^{13} \end{aligned}$$

$$\begin{aligned} JKP &= \frac{(\sum \text{perlakuan})^2}{r} - FK \\ &= \frac{(21000000^2 + \dots + 29516667^2)}{4} - 1,346604589 \cdot 10^{15} \\ &= 6,52952765 \cdot 10^{13} \end{aligned}$$

$$\begin{aligned} JKE &= JKT - JKP \\ &= 6,62598916 \cdot 10^{13} - 6,52952765 \cdot 10^{13} \end{aligned}$$

$$= 9,646151 \cdot 10^{11}$$

$$\begin{aligned} \text{JKP} \\ \text{KTP} &= \frac{\text{---}}{t - 1} \\ &= \frac{6,52952765 \cdot 10^{13}}{4} = 1,632381913 \cdot 10^{13} \end{aligned}$$

$$\begin{aligned} \text{JKE} \\ \text{KTE} &= \frac{\text{---}}{(r - 1)} \\ &= \frac{9,646151 \cdot 10^{11}}{15} = 6,430767333 \cdot 10^{10} \end{aligned}$$

$$\begin{aligned} \text{KTP} \\ F_{\text{hit}} &= \frac{\text{---}}{\text{KTE}} \\ &= \frac{1,632381913 \cdot 10^{13}}{6,430767333 \cdot 10^{10}} = 253,8393676 \end{aligned}$$

$$\begin{aligned} \sqrt{\text{KTE}} \\ \text{KK} &= \frac{\text{---}}{\text{---}} \times 100\% \\ &= \frac{\sqrt{6,430767333 \cdot 10^{10}}}{8205499,95} \times 100\% = 3,09\% \end{aligned}$$

Tabel 13. Anova Jumlah Sel *Chlorella* sp

SK	db	JK	KT	F	F _t
					0,05 0,01
P	4	6,52952765 · 10 ¹³	1,632381913 · 10 ¹³	253,83937**	3,06 4,87
E	15	9,646151 · 10 ¹¹	6,430767333 · 10 ¹⁰		
T	19	6,63598916 · 10 ¹³			

Data Primer oleh B. Ririn Sundari, 1994.

Keterangan : Tanda ** : berbeda sangat nyata

Uji LSD

$$\begin{aligned} \text{LSD}_{(0,05;15)} &= t_{(0,05;15)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}} \\ &= 2,131 \times \sqrt{\frac{2 \times 6,430767333 \cdot 10^{10}}{4}} \\ &= 382120,0715 \end{aligned}$$

$$\begin{aligned} \text{LSD}_{(0,01;15)} &= t_{(0,01;15)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}} \\ &= 2,947 \times \sqrt{\frac{2 \times 6,430767333 \cdot 10^{10}}{4}} \\ &= 528441,0374 \end{aligned}$$

Tabel 14. Uji LSD Jumlah Sel *Chlorella* sp

Perlakuan	Rerata	H ₀	H ₁	H ₂	H ₃
A	5275000	-	-	-	-
B	9794166,5	4519166,5 ^{**}	-	-	-
C	10333333,25	5058333,25 ^{**}	539166,75 ^{**}	-	-
D	8245833,25	2970833,25 ^{**}	1548333,25 ^{**}	2087500 ^{**}	-
E	7379166,75	2104166,75 ^{**}	2414999,75 ^{**}	2954166,5 ^{**}	866666,5 ^{**}

Keterangan : Tanda ** : berbeda sangat nyata

Lampiran 03

Tabel 13. Perhitungan Berat Kering *Chlorella* sp Setiap Hari Selama Penelitian (gr/l)

Hari	Perlakuan				
	A	B	C	D	E
1.	0,041	0,041	0,041	0,041	0,041
	0,041	0,041	0,041	0,041	0,041
	0,041	0,041	0,041	0,041	0,041
	0,041	0,041	0,041	0,041	0,041
2.	0,260	0,234	0,238	0,193	0,243
	0,295	0,198	0,206	0,208	0,255
	0,283	0,213	0,219	0,219	0,229
	0,275	0,192	0,194	0,205	0,240
3.	0,510	0,597	0,633	0,497	0,592
	0,671	0,505	0,540	0,554	0,626
	0,554	0,548	0,585	0,572	0,571
	0,642	0,536	0,512	0,526	0,588
4.	1,140	1,712	1,548	1,654	1,435
	1,384	1,643	1,496	1,745	1,467
	1,188	1,698	1,513	1,831	1,353
	1,213	1,677	1,457	1,727	1,382
5.	2,575	3,449	3,518	3,709	3,066
	2,894	3,331	3,465	3,793	3,118
	2,513	3,415	3,501	3,822	3,002
	2,731	3,356	3,423	3,753	3,031
6.	4,402	5,558	5,938	5,278	4,824
	4,595	5,382	5,897	5,386	4,855
	4,484	5,504	5,854	5,471	4,779
	4,546	5,417	5,819	5,354	4,796
7.	5,908	7,058	7,139	6,565	6,435
	5,962	6,983	7,105	6,651	6,477
	5,934	7,048	7,172	6,690	6,402
	5,950	7,026	7,084	6,576	6,428
8.	5,159	6,221	6,668	5,628	5,773
	5,001	6,064	6,573	5,683	5,791
	5,084	6,170	6,630	5,692	5,704
	5,128	6,102	6,495	5,667	5,736

Hari	Perlakuan				
	A	B	C	D	E
9.	4,112	3,737	4,777	4,106	4,220
	4,158	3,698	4,684	4,205	4,289
	4,003	3,722	4,719	4,241	4,107
	4,039	3,703	4,602	4,134	4,165
10.	2,765	2,235	3,136	2,503	2,536
	2,847	2,154	3,058	2,610	2,558
	2,815	2,216	3,112	2,679	2,460
	2,720	2,166	2,969	2,557	2,484
11.	1,847	1,371	1,580	1,258	1,553
	1,895	1,204	1,506	1,216	1,569
	1,764	4,270	1,547	1,312	1,405
	1,706	1,257	1,471	1,145	1,468
12.	0,804	0,723	0,735	0,527	0,690
	0,862	0,592	0,673	0,714	0,787
	0,786	0,680	0,710	0,739	0,597
	0,723	0,631	0,594	0,633	0,641

Data Primer oleh B. Ririn Sundari, 1994.



Lampiran 04

Perhitungan Analisa Varians Berat Kering

Tabel 13. Data Berat Kering *Chlorella* sp (gr/l)

Perlakuan	Ulangan				Jumlah	Rerata
	1	2	3	4		
A	5.908	5.962	5.934	5.950	23.754	5.9385
B	7.058	6.983	7.049	7.026	28.116	7.0290
C	7.193	7.105	7.172	7.084	28.554	7.1385
D	6.535	6.651	6.689	6.576	26.481	6.6203
E	6.435	6.477	6.402	6.428	25.742	6.4355
Total					132.647	6.63296

Data Primer Oleh B. Ririn Sundari. 1994.

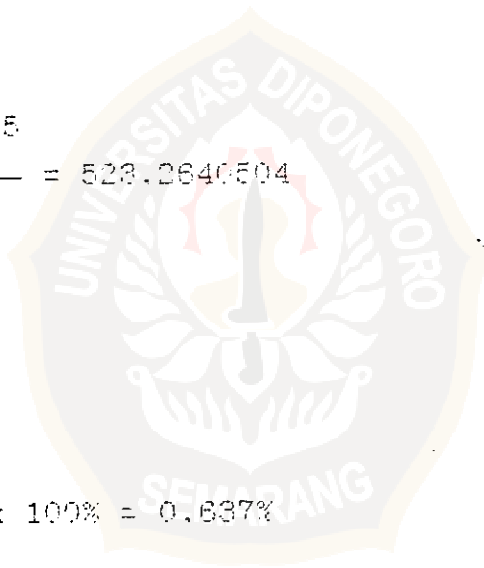
$$\begin{aligned}
 \text{FK} &= \frac{(\sum x)^2}{n} \\
 &= \frac{(132.647)^2}{20} = 879.7613305 \\
 \text{JKT} &= \sum x^2 - \text{FK} \\
 &= (5.908^2 + \dots + 6.428^2) - 879.7613305 \\
 &= 3.7621425 \\
 \text{JKP} &= \frac{(\sum \text{Perlakuan})^2}{r} - \text{FK} \\
 &= \frac{(23.754^2 + \dots + 25.742^2)}{4} - 879.7613305 \\
 &= 3.73537275 \\
 \text{JKE} &= \text{JKT} - \text{JKP} \\
 &= 3.7621425 - 3.73537275 \\
 &= 0.02676975
 \end{aligned}$$

$$\begin{aligned}
 & \text{JKE} \\
 \text{KTE} &= \frac{\text{---}}{t-1} \\
 & \quad 3.73537275 \\
 &= \frac{\text{---}}{4} = 0.9338431875
 \end{aligned}$$

$$\begin{aligned}
 & \text{JKE} \\
 \text{KTE} &= \frac{\text{---}}{t(r-1)} \\
 & \quad 0.02676975 \\
 &= \frac{\text{---}}{15} = 0.00178465
 \end{aligned}$$

$$\begin{aligned}
 & \text{KTE} \\
 F_{\text{hit}} &= \frac{\text{---}}{\text{KTE}} \\
 & \quad 0.9338431875 \\
 &= \frac{\text{---}}{0.00178465} = 523.2640504
 \end{aligned}$$

$$\begin{aligned}
 & \sqrt{\text{KTE}} \\
 \text{KK} &= \frac{\text{---}}{\text{---}} \times 100\% \\
 & \quad \times \\
 & \quad \sqrt{0.00178465} \\
 &= \frac{\text{---}}{6.6324} \times 100\% = 0.637\%
 \end{aligned}$$



ANOVA

SK	db	JK	KT	F	F _t
					0.05 0.01
P	4	3.73537275	0.9338431875	523.64**	3.06 4.89
E	15	0.07878975	0.00178465		
T	19	3.76214250			

Keterangan : Tanda ** : berbeda sangat nyata

Uji LSD

$$\text{LSD}_{(0.05;15)} = t_{(0.05;15)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}}$$

$$= 2.131 \times \sqrt{\frac{2 \times 0.00178465}{4}} = 0.0636568$$

$$\text{LSD}_{(0.01;15)} = t_{(0.01;15)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}}$$

$$= 2.947 \times \sqrt{\frac{2 \times 0.00178465}{4}} = 0.0880322$$

Tabel Uji LSD

Pemula	Perate	H ₀	H ₁	H ₂	H ₃
A	3.8035	-	-	-	-
B	7.0245	1.0305**	-	-	-
C	7.1735	1.2005**	0.1195**	-	-
D	8.8215	0.4915**	0.5175**	0.5137**	-
E	8.4035	0.4975**	0.5405**	0.7005**	0.1345**

Keterangan : Tanda ** : berbeda sangat nyata

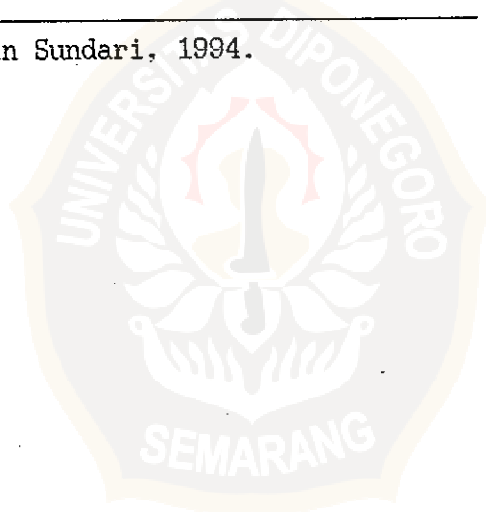
Lampiran 05

Tabel 17. Perhitungan Bobot Jenis *Chlorella* sp Setiap Hari Selama Penelitian ($\cdot 10^{-3}$ mg/sel)

Hari	Perlakuan				
	A	B	C	D	E
1.	0,128	0,128	0,128	0,128	0,128
	0,128	0,128	0,128	0,128	0,128
	0,128	0,128	0,128	0,128	0,128
	0,128	0,128	0,128	0,128	0,128
2.	0,305	0,208	0,198	0,241	0,259
	0,312	0,233	0,200	0,216	0,265
	0,308	0,216	0,199	0,218	0,267
	0,303	0,221	0,203	0,229	0,261
3.	0,419	0,304	0,291	0,344	0,386
	0,438	0,300	0,287	0,328	0,399
	0,421	0,301	0,293	0,317	0,390
	0,459	0,306	0,285	0,346	0,391
4.	0,574	0,435	0,387	0,525	0,537
	0,593	0,453	0,393	0,508	0,525
	0,568	0,445	0,388	0,498	0,559
	0,558	0,450	0,396	0,523	0,544
5.	0,867	0,577	0,517	0,691	0,733
	0,838	0,593	0,540	0,645	0,735
	0,825	0,580	0,533	0,636	0,768
	0,851	0,585	0,544	0,662	0,758
6.	1,086	0,668	0,646	0,752	0,816
	1,031	0,689	0,655	0,748	0,808
	1,067	0,666	0,659	0,736	0,842
	1,054	0,684	0,666	0,751	0,827
7.	1,180	0,707	0,678	0,820	0,874
	1,082	0,740	0,702	0,797	0,829
	1,136	0,707	0,680	0,785	0,897
	1,110	0,718	0,705	0,811	0,892
8.	1,060	0,683	0,667	0,762	0,848
	1,094	0,695	0,684	0,741	0,838
	1,085	0,687	0,679	0,736	0,857
	1,086	0,686	0,684	0,761	0,855

Hari	Perlakuan				
	A	B	C	D	E
9.	1,036	0,518	0,574	0,741	0,806
	1,039	0,535	0,578	0,722	0,794
	1,068	0,519	0,570	0,713	0,835
	1,040	0,524	0,575	0,714	0,823
10.	0,959	0,418	0,457	0,686	0,723
	0,934	0,427	0,483	0,681	0,725
	0,962	0,424	0,478	0,659	0,748
	0,989	0,423	0,475	0,675	0,731
11.	0,947	0,373	0,349	0,526	0,655
	0,908	0,384	0,357	0,538	0,623
	0,945	0,382	0,356	0,516	0,694
	0,980	0,386	0,364	0,545	0,682
12.	0,826	0,335	0,306	0,489	0,534
	0,856	0,387	0,320	0,498	0,537
	0,851	0,345	0,316	0,444	0,578
	0,861	0,343	0,312	0,493	0,574

Data Primer oleh B. Ririn Sundari, 1994.



Lampiran 06

Perhitungan Analisa Varians Bobot Jenis

Tabel 14. Data Bobot Jenis *Chlorella* sp ($\cdot 10^{-3}$ mg/sel)

Perlakuan	Ulangan				Jumlah	Rerata
	1	2	3	4		
A	1,180	1,082	1,136	1,110	4,508	1,127
B	0,707	0,740	0,707	0,718	2,872	0,718
C	0,678	0,702	0,680	0,705	2,765	0,691
D	0,820	0,797	0,785	0,811	3,214	0,804
E	0,874	0,829	0,897	0,892	3,492	0,873
Jumlah					16,851	0,84256

Data Primer Oleh B. Ririn Sundari, 1994.

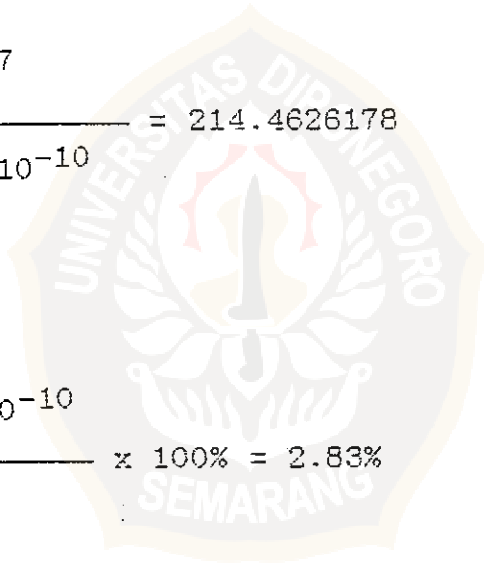
$$\begin{aligned}
 FK &= \frac{(\sum x)^2}{r \cdot t} \\
 &= \frac{(0,016851)^2}{20} = 1,419781005 \cdot 10^{-5} \\
 JKT &= \sum x^2 - FK \\
 &= (0,00118^2 + \dots + 0,000892^2) - 1,419781005 \cdot 10^{-5} \\
 &= 4,9558995 \cdot 10^{-7} \\
 JKP &= \frac{(\text{Jumlah Perlakuan})^2}{r} - FK \\
 &= \frac{(0,004508^2 + \dots + 0,003492^2)}{4} - 1,419781005 \cdot 10^{-5} \\
 &= 4,870732 \cdot 10^{-7} \\
 JKE &= JKT - JKP \\
 &= 4,9558995 \cdot 10^{-7} - 4,870732 \cdot 10^{-7} \\
 &= 8,51675 \cdot 10^{-9}
 \end{aligned}$$

$$\begin{aligned}
 & \text{JKP} \\
 \text{KTP} &= \frac{\quad}{t-1} \\
 & \quad 4,870732 \cdot 10^{-7} \\
 &= \frac{\quad}{4} = 1,217683 \cdot 10^{-7}
 \end{aligned}$$

$$\begin{aligned}
 & \text{JKE} \\
 \text{KTE} &= \frac{\quad}{t(r-1)} \\
 & \quad 8,51675 \cdot 10^{-9} \\
 &= \frac{\quad}{15} = 5,677833333 \cdot 10^{-10}
 \end{aligned}$$

$$\begin{aligned}
 & \text{KTP} \\
 F_{\text{hit}} &= \frac{\quad}{\text{KTE}} \\
 & \quad 1,217683 \cdot 10^{-7} \\
 &= \frac{\quad}{5,677833333 \cdot 10^{-10}} = 214,4626178
 \end{aligned}$$

$$\begin{aligned}
 & \sqrt{\text{KTE}} \\
 \text{KK} &= \frac{\quad}{\quad} \times 100\% \\
 & \quad \times \\
 & \quad \sqrt{5,677833333 \cdot 10^{-10}} \\
 &= \frac{\quad}{0,84256 \cdot 10^{-3}} \times 100\% = 2,83\%
 \end{aligned}$$



ANOVA

SK db	JK	KT	F	Ftabel	
				0,05	0,01
P 4	$4.870732 \cdot 10^{-7}$	$1,217683 \cdot 10^{-7}$	214,463**	3.06	4.89
E 15	$8.51675 \cdot 10^{-9}$	$5,677833333 \cdot 10^{-10}$			
T 19	$4,9558995 \cdot 10^{-7}$				

Keterangan : Tanda ** : berbeda sangat nyata

Uji LSD

$$\begin{aligned}
 \text{LSD}_{(0,05;15)} &= t_{(0,05;1)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}} \\
 &= 2.131 \times \sqrt{\frac{2 \times 5,677833333 \cdot 10^{-10}}{4}} \\
 &= 0,03591 \cdot 10^{-3}
 \end{aligned}$$

$$\begin{aligned}
 \text{LSD}_{(0,01;15)} &= t_{(0,01;15)} \times \sqrt{\frac{2 \cdot \text{KTE}}{r}} \\
 &= 2.947 \times \sqrt{\frac{2 \times 5,677833333 \cdot 10^{-10}}{4}} \\
 &= 0,04965 \cdot 10^{-3}
 \end{aligned}$$

Tabel Uji LSD

Perlakuan	Rerata ($\cdot 10^{-3}$)	H_0 ($\cdot 10^{-3}$)	H_1 ($\cdot 10^{-3}$)	H_2 ($\cdot 10^{-3}$)	H_3 ($\cdot 10^{-3}$)
A	1.127	-	-	-	-
B	0.718	0,409**	-	-	-
C	0.591	0,4357**	0,0267	-	-
D	0.8035	0,3235**	0,0855**	0,1122**	-
E	0.873	0,254**	0,153**	0,1817**	0,0695**

Keterangan : Tanda ** : berbeda sangat nyata



Lampiran 07

Hasil pengukuran kualitas air

1. Hasil Pengukuran Suhu

Tabel 21. Hasil Pengukuran Suhu ($^{\circ}$ Celcius)

Hari	Perlakuan				
	A	B	C	D	E
1 a	26	26	26	26	26
1 b	26	26	26	26	26
2 a	26	26	26	26	26
2 b	26	26	26	26	26
3 a	26	26	26	26	26
3 b	26	26	26	26	26
4 a	26	26	26	26	26
4 b	26	26	26	26	26
5 a	26	26	26	26	26
5 b	26	26	26	26	26
6 a	26	26	26	26	26
6 b	26	26	26	26	26
7 a	26	26	26	26	26
7 b	26	26,5	26,5	26	26
8 a	26	26	26,5	26	26
8 b	26	26	26,5	26	26
9 a	26	26	26,5	26	26
9 b	26	26,5	26,5	26,5	26,5
10 a	26	26	26,5	26	26
10 b	26,5	26,5	27	26,5	26,5
11 a	26	26,5	27	26	26
11 b	26,5	27	27	26,5	26,5
12 a	26,5	26,5	27	26,5	26,5
12 b	26,5	27	27	27	27

Data Primer oleh B. Ririn Sundari, 1994.

Keterangan :

- a. diukur pada jam 06.30
- b. diukur pada jam 18.30

2. Hasil Pengukuran Salinitas

Tabel 22. Hasil Pengukuran Salinitas (permil)

Hari	Perlakuan				
	A	B	C	D	E
1 a	20	20	20	20	20
1 b	20	20	20	20	20
2 a	20	20	20	20	20
2 b	20	20	20	20	20
3 a	20	20	20	20	20
3 b	20	20	20	20	20
4 a	20	20	20	20	20
4 b	20	20	20	20	20
5 a	20	20	20	20	20
5 b	20	20	20	20	20
6 a	20	20	20	20	20
6 b	20	20	20	20	20
7 a	20	20	20	20	20
7 b	20	20	20	20	20
8 a	20	20	20	20	20
8 b	21	20	20	21	20
9 a	20	20	20	20	20
9 b	20	20	20	21	21
10 a	20	20	20	20	20
10 b	21	21	20	20	21
11 a	20	20	20	20	20
11 b	21	21	21	21	21
12 a	20	21	21	21	20
12 b	21	21	21	21	21

Data Primer oleh B. Ririn Sundari, 1994.

Keterangan :

a. diukur pada jam 06.30

b. diukur pada jam 18.30

3. Hasil Pengukuran pH

Tabel 23. Hasil Pengukuran pH Selama Penelitian

Hari	Perlakuan				
	A	B	C	D	E
1 a	7	7	7	7	7
1 b	7	7	7	7	7
2 a	7	7	7	7	7
2 b	7	7	7	7	7
3 a	7	7	7	7	7
3 b	7	7	7	7	7
4 a	7	7	7	7	7
4 b	7	7	7	7	7
5 a	7	7	7	7	7
5 b	7	7	7	7	7
6 a	7	7	7	7	7
6 b	7	7	7	7	7
7 a	7	7	7	7	7
7 b	7	7	7	7	7
8 a	7	7	7	7	7
8 b	7	7	7	7	7
9 a	7	7	7	7	7
9 b	7	7	7	7	7
10 a	7	7	7	7	7
10 b	7	7	7	7	7
11 a	7	7	7	7	7
11 b	7	7	7	7	7
12 a	7	7	7	7	7
12 b	7	7	7	7	7

Data Primer oleh B. Ririn Sundari, 1994.

Keterangan :

a. diukur pada jam 06.30

b. diukur pada jam 18.30

4. Hasil Pengukuran Kandungan CO₂ bebasTabel 24. Hasil Pengukuran Kandungan CO₂ Pada Awal dan Akhir Penelitian (ppm)

Perlakuan	Awal	Akhir
A	Tidak Terdeteksi	Tidak Terdeteksi
B	Tidak Terdeteksi	Tidak Terdeteksi
C	Tidak Terdeteksi	Tidak Terdeteksi
D	Tidak Terdeteksi	Tidak Terdeteksi
E	Tidak Terdeteksi	Tidak Terdeteksi

Data Primer oleh B. Ririn Sundari, 1994.

5. Hasil Pengukuran Kandungan O₂Tabel 25. Hasil Pengukuran Kandungan O₂ Pada Awal dan Akhir Penelitian (ppm)

Perlakuan	Awal	Akhir
A	7,8	7,2
B	7,8	7,9
C	7,8	8,0
D	7,8	7,5
E	7,8	6,8

Data Primer oleh B. Ririn Sundari, 1994.

Lampiran 08

C ₁	B ₃	C ₃	A ₁
C ₄	D ₂	E ₄	B ₄

A ₂	A ₃	A ₄	E ₃	D ₁	E ₁
C ₂	D ₃	E ₂	B ₂	B ₁	D ₄

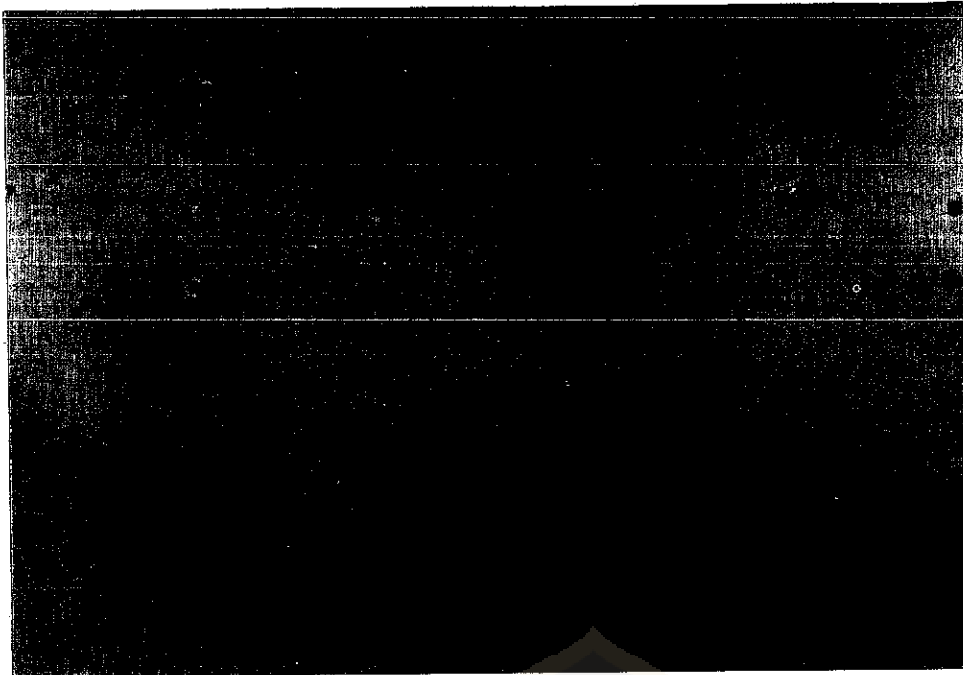
Gambar 14. Denah Penempatan Botol-Botol Percobaan

Keterangan :

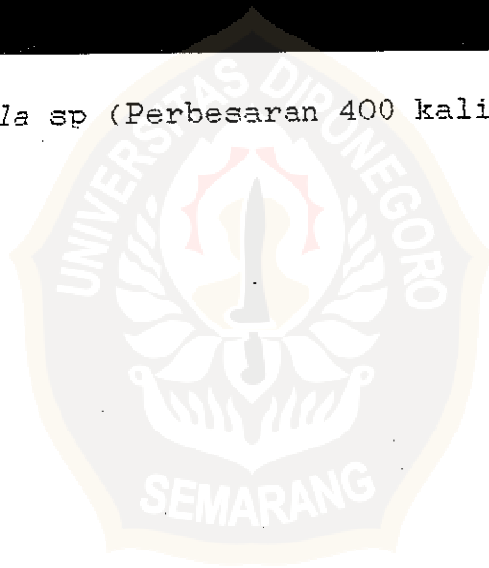
A,B,C,D dan E : Perlakuan

1,2,3,4 dan 5 : Ulangan

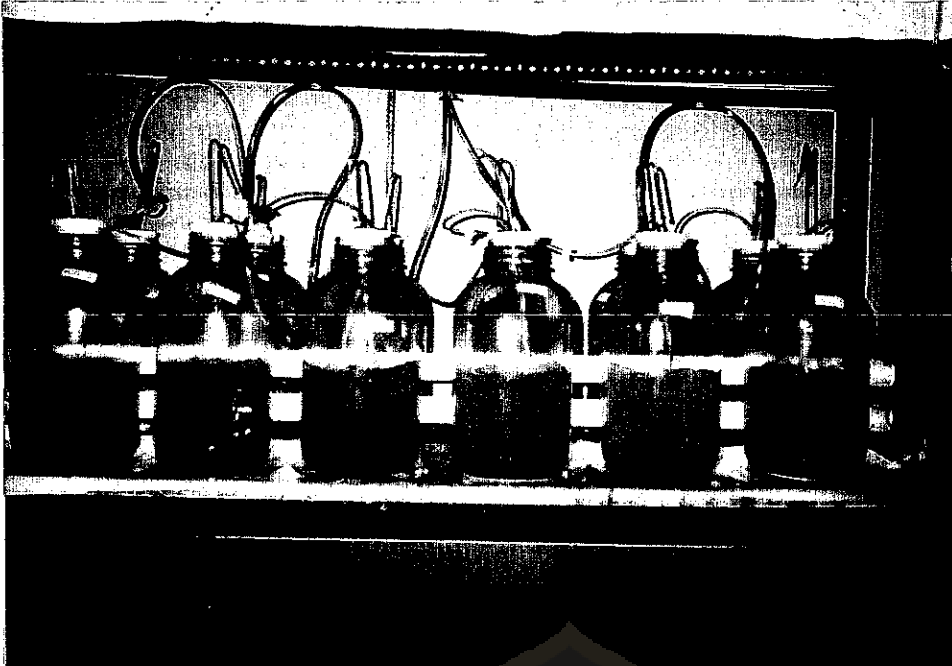
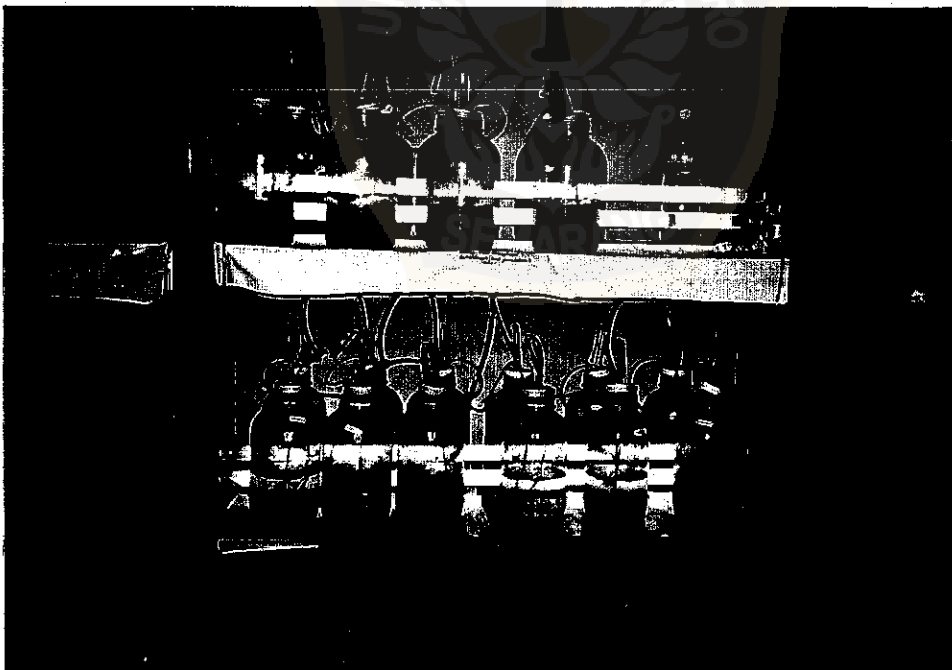
Lampiran 09



Gambar 15. *Chlorella* sp (Perbesaran 400 kali)



Lampiran 10

Gambar 16. Kultur *Chlorella* sp Pada Awal PenelitianGambar 17. Kultur *Chlorella* sp Pada Akhir Penelitian