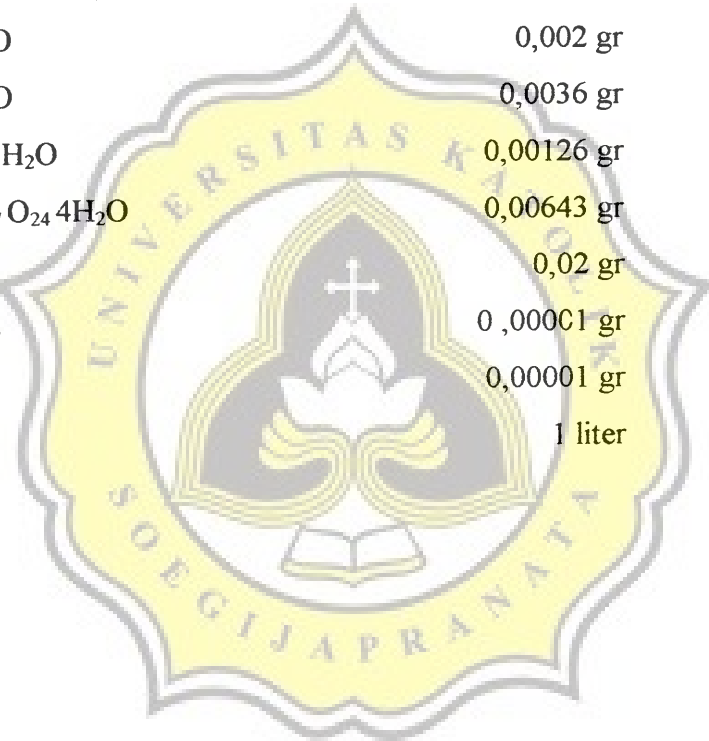


Lampiran 1

Medium F₂ Modifikasi

1. Urea	60 gr
2. Na ₂ H ₂ SO ₄ H ₂ O	1 gr
3. Na ₂ EDTA	1 gr
4. FeCl ₃ 6H ₂ O	0,145 gr
5. CuSO ₄ 5H ₂ O	0,00195 gr
6. ZnSO ₄ 7H ₂ O	0,0044 gr
7. CoCl ₂ 6H ₂ O	0,002 gr
8. MnCl ₂ 6H ₂ O	0,0036 gr
9. Na Mo O ₄ 2H ₂ O	0,00126 gr
10. (NH ₄) ₆ MO ₇ O ₂₄ 4H ₂ O	0,00643 gr
11. Vitamin B1	0,02 gr
12. Vitamin B12	0,00001 gr
13. Biotin	0,00001 gr
14. Air laut	1 liter



Lampiran 2

Jumlah sel dan kandungan protein *Tetraselmis* sp dalam berbagai konsentrasi urea, dalam pencahayaan 24 jam terang.

-- Correlation Coefficients --

	PROT	SEL
PROT	1.0000 (6) P= .	.6897 (6) P= .065
SEL	.6897 (6) P= .130	1.0000 (6) P= .

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

Jumlah sel dan kandungan protein *Tetraselmis* sp dalam berbagai konsentrasi urea, dalam pencahayaan 12 jam terang/12 jam gelap

-- Correlation Coefficients --

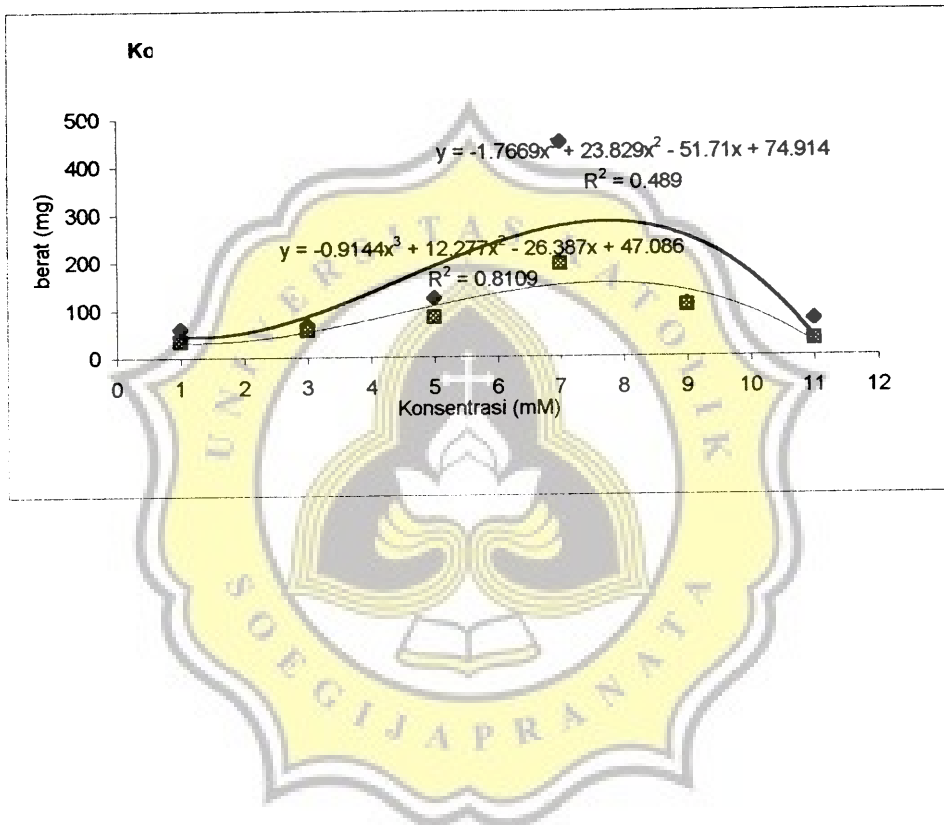
	PROT	SEL
PROT	1.0000 (6) P= .	.9233 (6) P= .009
SEL	.9233 (6) P= .009	1.0000 (6) P= .

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

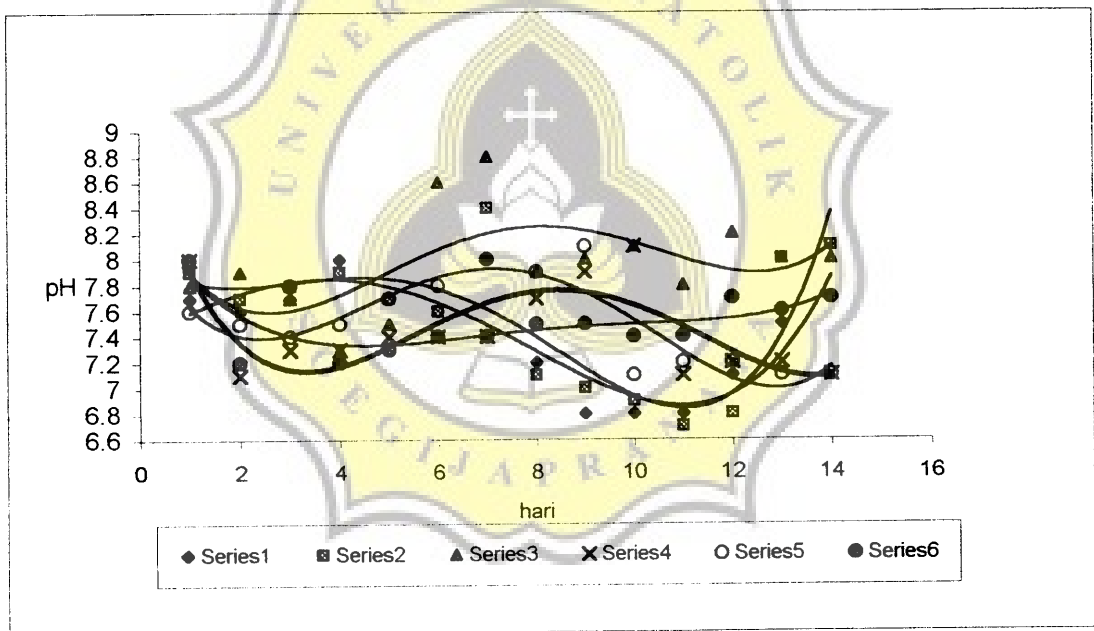
Lampiran 3. Hubungan Konsentrasi Urea dan Berat Kering pada Waktu Panen dalam Pencahayaan 24 jam terang dan 12 jam terang / 12 jam gelap

Konsentrasi	24 jam terang	12/12 jam
1	60	33.33
3	66.67	56.67
5	123.33	83.33
7	450	193.33
9	110	106.67
11	76.67	33.33



Lampiran 4. Data Pengukuran pH pada berbagai konsentrasi urea dalam Pencahayaan 24 jam terang

Konsentrasi hari	1 mM	3 mM	5 mM	7 mM	9 mM	11 mM
1	7.7	7.9	7.8	8	7.6	8
2	7.6	7.7	7.9	7.1	7.5	7.2
3	7.7	7.8	7.7	7.3	7.4	7.8
4	8	7.9	7.3	7.3	7.5	7.2
5	7.7	7.7	7.5	7.4	7.7	7.3
6	7.6	7.6	8.6	7.4	7.8	7.4
7	8	8.4	8.8	7.4	8	7.4
8	7.2	7.1	7.9	7.7	7.9	7.5
9	6.8	7	8	7.9	8.1	7.5
10	6.8	6.9	8.1	8.1	7.1	7.4
11	6.8	6.7	7.8	7.1	7.2	7.4
12	7.1	6.8	8.2	7.2	7.2	7.7
13	7.5	8	8	7.2	7.1	7.6
14	7.7	8.1	8	7.1	7.1	7.7



$$y_1 = 0.0004x^4 - 0.0055x^3 - 0.0062x^2 + 0.2014x + 7.3986$$

$$R^2 = 0.7631$$

$$y_2 = 0.0009x^4 - 0.0211x^3 + 0.1431x^2 - 0.3411x + 8.0505$$

$$R^2 = 0.6713$$

$$y_3 = 0.0008x^4 - 0.0257x^3 + 0.2578x^2 - 0.8788x + 8.5495$$

$$R^2 = 0.2951$$

$$y_4 = 0.0009x^4 - 0.0309x^3 + 0.3444x^2 - 1.4016x + 9.0115$$

$$R^2 = 0.6188$$

$$y_5 = 0.001x^4 - 0.0288x^3 + 0.2699x^2 - 0.8552x + 8.2511$$

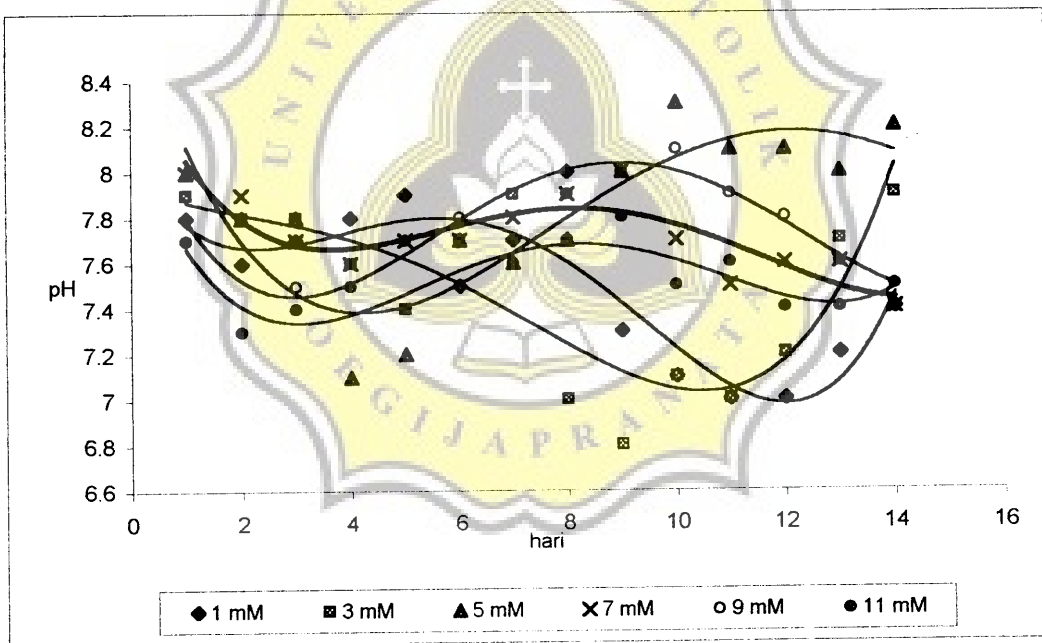
$$R^2 = 0.7648$$

$$y_6 = 0.0003x^4 - 0.0106x^3 + 0.1285x^2 - 0.6281x + 8.393$$

$$R^2 = 0.4474$$

Lampiran 5. Data Pengukuran pH pada berbagai konsentrasi urea dalam pencahayaan 12 jam terang / 12 jam gelap

Konsentrasi	1 mM	3 mM	5 mM	7 mM	9 mM	11 mM
Hari						
1	7.8	7.9	8	8	7.9	7.7
2	7.6	7.8	7.8	7.9	7.3	7.3
3	7.7	7.8	7.8	7.7	7.5	7.4
4	7.8	7.6	7.1	7.6	7.6	7.5
5	7.9	7.4	7.2	7.7	7.7	7.4
6	7.5	7.7	7.7	7.7	7.8	7.5
7	7.7	7.9	7.6	7.8	7.9	7.6
8	8	7	7.7	7.9	7.9	7.7
9	7.3	6.8	8	8	8	7.8
10	7.1	7.1	8.3	7.7	8.1	7.5
11	7	7	8.1	7.5	7.9	7.6
12	7	7.2	8.1	7.6	7.8	7.4
13	7.2	7.7	8	7.6	7.6	7.4
14	7.4	7.9	8.2	7.4	7.5	7.5



$$y_1 = 0.0007x^4 - 0.0187x^3 + 0.1514x^2 - 0.4336x + 8.0714$$

$$R^2 = 0.7854$$

$$y_2 = 0.0003x^4 - 0.0063x^3 + 0.0323x^2 - 0.1119x + 7.9563$$

$$R^2 = 0.6992$$

$$y_3 = 0.0002x^4 - 0.0092x^3 + 0.1457x^2 - 0.7946x + 8.7747$$

$$R^2 = 0.7423$$

$$y_4 = 0.0004x^4 - 0.0125x^3 + 0.1416x^2 - 0.6061x + 8.5332$$

$$R^2 = 0.7362$$

$$y_5 = 0.0005x^4 - 0.0162x^3 + 0.1857x^2 - 0.7205x + 8.3478$$

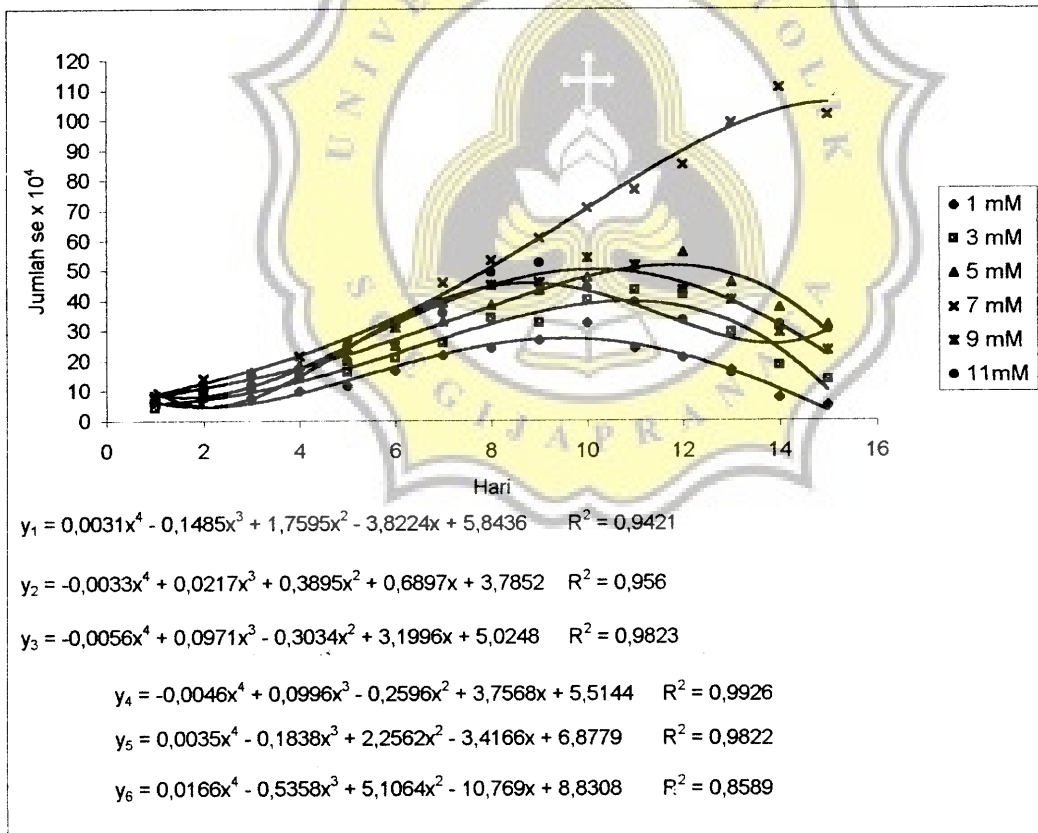
$$R^2 = 0.8478$$

$$y_6 = 0.0005x^4 - 0.0168x^3 + 0.1782x^2 - 0.68x + 8.1858$$

$$R^2 = 0.6884$$

Lampiran 6 Data Perhitungan Jumlah sel x 10⁴ dalam berbagai konsentrasi urea pada pencahayaan 24 jam terang

Hari	1 mM	3 mM	5 mM	7 mM	9 mM	11mM
1	5	4.17	6.67	8.33	7.5	6.67
2	5.8	8.33	12	14.17	9.17	8.33
3	7.5	10.83	16.17	15.83	13.33	11.67
4	9.83	14.17	18.33	21.5	16.67	17.5
5	11.5	16.17	20	25.83	24.17	20
6	16.67	20.83	25	32.5	30.83	25.83
7	21.67	25.83	32.83	45.83	39.17	35.83
8	24.17	34.17	38.33	53.33	45	49.17
9	26.67	32.5	43.33	60.83	45.83	52.5
10	32.5	40	47.5	70.83	54.17	44.17
11	24.17	43.33	51.67	76.67	51.67	39.17
12	20.83	41.67	55.83	85	43.33	33.33
13	16.67	29.17	45.83	99.17	40	15.83
14	7.5	18.33	37.5	110.83	29.17	31.67
15	5	13.33	31.67	101.67	23.33	30



Lampiran 7

Data Perhitungan jumlah sel x 10⁴ dalam berbagai konsentrasi urea pada pencahayaan 12 jam terang/ 12 jam gelap

Konst Hari	1 mM	3 mM	5 mM	7 mM	9 mM	11 mM
1	2.5	3.33	5	7.5	5	3.75
2	3.33	5.83	6.67	13.33	7.5	5.83
3	4.17	10	13.33	20	13.33	10
4	5.83	12.5	15.83	23.33	15.83	12.83
5	6.67	15	20	29.17	19.17	18.33
6	8.33	19.17	23.33	35	22.5	25
7	12.5	22.5	30	40	25	28.33
8	17.5	28.33	33.33	43.33	30	30
9	25	32.5	37.5	50	34.17	33.33
10	23.33	33	39.17	54.17	40	36.67
11	20.83	34.17	41.67	60.83	41.67	39.17
12	15.83	36.67	44.17	63.33	45.83	41.67
13	13.33	30	40.83	66.67	46.67	44.17
14	8.33	19.17	31.67	70	38.33	40.83
15	5.83	12.5	22.5	67.5	29.67	31.67

