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**LAMPIRAN TABEL**

1. Data Pengamatan Pengaruh Penggunaan Cendawan Endofit terhadap Perkembangan Gejala Penyakit P. palmivora pada Tanaman Kakao (*Theobroma cacao*)

PERLAKUAN	Pengamatan I			Pengamatan II			Pengamatan III			Pengamatan IV			Pengamatan V			Pengamatan VI		
	A	B	A+B/2	A	B	A+B/2	A	B	A+B/2	A	B	A+B/2	A	B	A+B/2	A	B	A+B/2
<b>Kontrol</b>																		
Ulangan 1	2	3.5	<b>2.75</b>	2.5	4	<b>3.25</b>	4	4	<b>4</b>	6	4.5	<b>5.25</b>	6.5	6	<b>6.25</b>	7	6.5	<b>6.75</b>
Ulangan 2	1	1.5	<b>1.25</b>	1	2	<b>1.5</b>	4	6.5	<b>5.25</b>	9.5	24	<b>16.75</b>	28.5	40	<b>34.25</b>	67.5	75	<b>71.25</b>
Ulangan 3	2.5	3	<b>2.75</b>	4	4	<b>4</b>	7	5	<b>6</b>	65	80	<b>72.5</b>	87.5	81	<b>84.25</b>	87.5	81	<b>84.25</b>
<b>Trichoderma</b>																		
Ulangan 1	1	2.5	<b>1.75</b>	2.5	3	<b>2.75</b>	2.5	3	<b>2.75</b>	3.5	4	<b>3.75</b>	4	5	<b>4.5</b>	4.5	5	<b>4.75</b>
Ulangan 2	0	0	<b>0</b>	1	1	<b>1</b>	2	2.5	<b>2.25</b>	3.5	2.5	<b>3</b>	3.5	2.5	<b>3</b>	3.5	2.5	<b>3</b>
Ulangan 3	0.5	0.5	<b>0.5</b>	1.5	1	<b>1.25</b>	1.5	1	<b>1.25</b>	1.5	1	<b>1.25</b>	1.5	1.5	<b>1.5</b>	2.5	2	<b>2.25</b>
<b>Aspergillus</b>																		
Ulangan 1	0.5	1	<b>0.75</b>	1.5	2	<b>1.75</b>	45	3	<b>24</b>	75	47.5	<b>61.25</b>	77.5	55	<b>66.25</b>	82.5	66	<b>74.25</b>
Ulangan 2	0	0.5	<b>0.25</b>	1	1.5	<b>1.25</b>	2	2.5	<b>2.25</b>	23.5	52.5	<b>38</b>	60	60	<b>60</b>	81.5	62.5	<b>72</b>
Ulangan 3	1	1	<b>1</b>	1	2	<b>1.5</b>	2	2.5	<b>2.25</b>	3	3.5	<b>3.25</b>	5	5	<b>5</b>	86	45	<b>65.5</b>
<b>Beauveria</b>																		
Ulangan 1	0.5	1	<b>0.75</b>	2.5	2	<b>2.25</b>	3.5	3	<b>3.25</b>	7.5	6.5	<b>7</b>	20	25	<b>22.5</b>	82.5	93.5	<b>88</b>

Ulangan 2	0	1.5	<b>0.75</b>	1.5	2	<b>1.75</b>	26.5	55	<b>40.75</b>	65	64	<b>64.5</b>	81	87.5	<b>84.25</b>	85.5	87.5	<b>86.5</b>
Ulangan 3	2	2	<b>2</b>	3	2.5	<b>2.75</b>	3.5	4	<b>3.75</b>	15	12.5	<b>13.75</b>	57.5	52.5	<b>55</b>	65	62.5	<b>63.75</b>
<b>Fusarium</b>																		
perlakuan 1	1.5	1	<b>1.25</b>	2	1.5	<b>1.75</b>	3.5	3.5	<b>3.5</b>	3.5	3.5	<b>3.5</b>	3.5	3.5	<b>3.5</b>	3.5	3.5	<b>3.5</b>
perlakuan 2	1	0.5	<b>0.75</b>	1	1.5	<b>1.25</b>	1	4	<b>2.5</b>	2	4.5	<b>3.25</b>	2	4.5	<b>3.25</b>	2.5	7	<b>4.75</b>
perlakuan 3	1.5	1.5	<b>1.5</b>	1.5	2.5	<b>2</b>	1.5	3	<b>2.25</b>	1.5	3	<b>2.25</b>	1.5	3	<b>2.25</b>	2.5	3	<b>2.75</b>
<b>Isolat X</b>																		
perlakuan 1	1.5	1	<b>1.25</b>	2	2	<b>2</b>	2	2	<b>2</b>	2	2	<b>2</b>	2.5	2	<b>2.25</b>	2.5	2	<b>2.25</b>
perlakuan 2	0	0	<b>0</b>	1.5	3	<b>2.25</b>	1.5	4	<b>2.75</b>	4	43.5	<b>23.75</b>	70	80	<b>75</b>	87.5	80	<b>83.75</b>
perlakuan 3	2	1.5	<b>1.75</b>	3	2.5	<b>2.75</b>	3.5	3.5	<b>3.5</b>	5	4.5	<b>4.75</b>	5	6.5	<b>5.75</b>	84	65	<b>74.5</b>

2. Rata-rata diameter Perkembangan Cendawa Endofit dalam Menekan Pertumbuhan Cendawan (*Phytophthora palmivora* Butler) pada Tanaman Kakao (*Theobroma cacao*).

2.1. Rata-rata Pengamatan 1

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	2.75	1.75	0.75	0.75	1.25	1.25
2	1.25	0	0.25	0.75	0.75	0
3	2.75	0.5	1	2	1.5	1.75
<b>Total</b>	6.8	2.3	2.0	3.5	3.5	3.0
<b>Rata-rata</b>	2.3	0.8	0.7	1.2	1.2	1.0

2.2 Rata-rata Pengamatan 2

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	3.25	2.75	1.75	2.25	1.75	2
2	1.5	1	1.25	1.75	1.25	2.25
3	4	1.25	1.5	2.75	2	2.75
<b>Total</b>	8.8	5.0	4.5	6.8	5.0	7.0
<b>Rata-rata</b>	2.9	1.7	1.5	2.3	1.7	2.3

2.3 Rata-rata Pengamatan 3

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	4	2.75	24	3.25	3.5	2
2	5.25	2.25	2.25	40.75	2.5	2.75
3	6	1.25	2.25	3.75	2.25	3.5
<b>Total</b>	15.3	6.3	28.5	47.8	8.3	8.3
<b>Rata-rata</b>	5.1	2.1	9.5	15.9	2.8	2.8

#### 2.4 Rata-rata Pengamatan 4

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	5.25	3.75	61.25	7	3.5	2
2	16.75	3	38	64.5	3.25	23.75
3	72.5	1.25	3.25	13.75	2.25	4.75
<b>Total</b>	94.5	8.0	102.5	85.3	9.0	30.5
<b>Rata-rata</b>	31.5	2.7	34.2	28.4	3.0	10.2

#### 2.5 Rata-rata Pengamatan 5

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	6.25	4.5	66.25	22.5	3.5	2.25
2	34.25	3	60	84.25	3.25	75
3	84.25	1.5	5	55	2.25	5.75
<b>Total</b>	124.8	9.0	131.3	161.8	9.0	83.0
<b>Rata-rata</b>	41.6	3.0	43.8	53.9	3.0	27.7

#### 2.6 Rata-rata Pengamatan 6

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	6.75	4.75	74.25	88	3.5	2.25
2	71.25	3	72	86.5	4.75	83.75
3	84.25	2.25	65.5	63.75	2.75	74.5
<b>Total</b>	162.3	10.0	211.8	238.3	11.0	160.5
<b>Rata-rata</b>	54.1	3.3	70.6	79.4	3.7	53.5

3 Rata-rata Pengamatan Hasil Transformasi ( $\sqrt{X+1}$ ) Perkembangan Cendawa Endofit dalam Menekan Pertumbuhan Cendawan (*Phytophthora palmivora* Butler) pada Tanaman Kakao (*Theobroma cacao*).

3.1. Pengamatan 1

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	1.94	1.66	1.32	1.32	1.50	1.50
2	1.50	1.00	1.12	1.32	1.32	1.00
3	1.94	1.22	1.41	1.73	1.58	1.66
<b>Total</b>	5.4	3.9	3.9	4.4	4.4	4.2
<b>Rata-rata</b>	1.8	1.3	1.3	1.5	1.5	1.4

3.2. Pengamatan 2

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	2.06	1.94	1.66	1.80	1.66	1.73
2	1.58	1.41	1.50	1.66	1.50	1.80
3	2.24	1.50	1.58	1.94	1.73	1.94
<b>Total</b>	5.9	4.9	4.7	5.4	4.9	5.5
<b>Rata-rata</b>	2.0	1.6	1.6	1.8	1.6	1.8

3.3. Pengamatan 3

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
1	2.24	1.94	5.00	2.06	2.12	1.73
2	2.50	1.80	1.80	6.46	1.87	1.94
3	2.65	1.50	1.80	2.18	1.80	2.12
<b>Total</b>	7.4	5.2	8.6	10.7	5.8	5.8
<b>Rata-rata</b>	2.5	1.7	2.9	3.6	1.9	1.9



### 3.4. Pengamatan 4

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
<b>1</b>	2.50	2.18	7.89	2.83	2.12	1.73
<b>2</b>	4.21	2.00	6.24	8.09	2.06	4.97
<b>3</b>	8.57	1.50	2.06	3.84	1.80	2.40
<b>Total</b>	15.3	5.7	16.2	14.8	6.0	9.1
<b>Rata-rata</b>	5.1	1.9	5.4	4.9	2.0	3.0

### 3.5. Pengamatan 5

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
<b>1</b>	2.69	2.35	8.20	4.85	2.12	1.80
<b>2</b>	5.94	2.00	7.81	9.23	2.06	8.72
<b>3</b>	9.23	1.58	2.45	7.48	1.80	2.60
<b>Total</b>	17.9	5.9	18.5	21.6	6.0	13.1
<b>Rata-rata</b>	6.0	2.0	6.2	7.2	2.0	4.4

### 3.6. Pengamatan 6

Ulangan	PERLAKUAN					
	Kontrol	Trichoderma	Aspergillus	Beauveria	Fusarium	Isolat X
<b>1</b>	2.78	2.40	8.67	9.43	2.12	1.80
<b>2</b>	8.50	2.00	8.54	9.35	2.40	9.21
<b>3</b>	9.23	1.80	8.15	8.05	1.94	8.69
<b>Total</b>	20.5	6.2	25.4	26.8	6.5	19.7
<b>Rata-rata</b>	6.8	2.1	8.5	8.9	2.2	6.6

4. Analisis Sidik Ragam Pengamatan Perkembangan Cendawa Endofit dalam Menekan Pertumbuhan Cendawan (*Phytophthora palmivora* Butler) pada Tanaman Kakao (*Theobroma cacao*).

PENGAMATAN I

SK	db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	0.51	0.26	9.56	4.10	7.56
Perlakuan	5	0.52	0.10	3.86	3.33	5.64
Acak	10	0.27	0.03			
<b>Total</b>	<b>17</b>	<b>1.30</b>			<b>BERBEDA NYATA</b>	

KK	9.45	Tabel q	4.91	2.28
FK	37.70	BNJ	0.46	
		sd	0.09	

PENGAMATAN 2

SK	db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	0.15	0.08	1.89	4.10	7.56
Perlakuan	5	0.37	0.07	1.80	3.33	5.64
Acak	10	0.41	0.04			
<b>Total</b>	<b>17</b>	<b>0.93</b>			<b>TIDAK BERBEDA NYATA</b>	

KK	11.66
FK	54.82

PENGAMATAN 3

SK	db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	1.64	0.82	0.45	4.10	7.56
Perlakuan	5	7.36	1.47	0.81	3.33	5.64
Acak	10	18.06	1.81			
<b>Total</b>	<b>17</b>	<b>27.06</b>			<b>TIDAK BERBEDA NYATA</b>	

KK	77.59
FK	105.19

PENGAMATAN 4

SK	Db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	6.96	3.48	0.66	4.10	7.56
Perlakuan	5	38.80	7.76	1.48	3.33	5.64
Acak	10	52.49	5.25			
<b>Total</b>	17	98.25			<b>TIDAK BERBEDA NYATA</b>	

KK 132.27  
FK 249.50

PENGAMATAN 5

SK	Db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	17.31	8.65	1.36	4.10	7.56
Perlakuan	5	74.01	14.80	2.33	3.33	5.64
Acak	10	63.47	6.35			
<b>Total</b>	17	154.78			<b>TIDAK BERBEDA NYATA</b>	

KK 145.45  
FK 381.97

PENGAMATAN 6

SK	Db	JK	KT	F. Hit	F. Tabel	
					5%	1%
Ulangan	2	15.64	7.82	1.73	4.10	7.56
Perlakuan	5	137.57	27.51	6.10	3.33	5.64
Acak	10	45.11	4.51			
<b>Total</b>	17	198.32			<b>BERBEDA NYATA</b>	

KK 122.63      Tabel q 4.91      29.56  
FK 613.43      BNJ 6.02  
sd 1.23

5. Analisis Statistik, Uji Beda Nyata Terkecil (BNJ) Pengamatan Perkembangan Cendawa Endofit dalam Menekan Pertumbuhan Cendawan (*Phytophthora palmivora* Butler) pada Tanaman Kakao (*Theobroma cacao*).

Perlakuan	PENGAMATAN					
	1	2	3	4	5	6
<b>Kontrol</b>	1.79 <sup>a</sup>	1.96 <sup>tn</sup>	2.46 <sup>tn</sup>	5.10 <sup>tn</sup>	5.95 <sup>tn</sup>	6.84 <sup>ab</sup>
<b>Trichoderma</b>	1.29 <sup>b</sup>	1.62 <sup>tn</sup>	1.75 <sup>tn</sup>	1.89 <sup>tn</sup>	1.98 <sup>tn</sup>	2.07 <sup>b</sup>
<b>Aspergillus</b>	1.29 <sup>b</sup>	1.58 <sup>tn</sup>	2.87 <sup>tn</sup>	5.40 <sup>tn</sup>	6.15 <sup>tn</sup>	8.46 <sup>ab</sup>
<b>Beauveria</b>	1.46 <sup>ab</sup>	1.80 <sup>tn</sup>	3.57 <sup>tn</sup>	4.92 <sup>tn</sup>	7.19 <sup>tn</sup>	8.94 <sup>a</sup>
<b>Fusarium</b>	1.47 <sup>ab</sup>	1.63 <sup>tn</sup>	1.93 <sup>tn</sup>	2.00 <sup>tn</sup>	2.00 <sup>tn</sup>	2.15 <sup>b</sup>
<b>Isolat X</b>	1.39 <sup>ab</sup>	1.82 <sup>tn</sup>	1.93 <sup>tn</sup>	3.03 <sup>tn</sup>	4.37 <sup>tn</sup>	6.57 <sup>ab</sup>

6. Analisis Regresi Perkembangan Cendawa Endofit dalam Menekan Pertumbuhan Cendawan (*Phytophthora palmivora* Butler) pada Tanaman Kakao (*Theobroma cacao*).

Perlakuan	Regresi (mm/2 hari)	R2
Kontrol	$y = 1.1388x + 0.0308$	R2 = 0.9267
Trichoderma	$y = 0.1453x + 1.257$	R2 = 0.9337
Aspergillus	$y = 1.489x - 0.9209$	R2 = 0.9588
Beuveria	$y = 1.5699 - 0.8482$	R2 = 0.8482
Fusarium	$y = 0.1308x + 1.4042$	R2 = 0.8982
Isolat X	$y = 0.99x - 0.2795$	R2 = 0.8784

### KONTROL

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.936492	1	1.94	1
2	2	1.5	1	1.50	1
3	3	1.936492	1	1.94	1
4	1	2.061553	2	4.12	4
5	2	1.581139	2	3.16	4
6	3	2.236068	2	4.47	4
7	1	2.236068	3	6.71	9
8	2	2.5	3	7.50	9
9	3	2.645751	3	7.94	9
10	1	2.5	4	10.00	16
11	2	4.213075	4	16.85	16
12	3	8.573214	4	34.29	16
13	1	2.692582	5	13.46	25
14	2	5.937171	5	29.69	25
15	3	9.233093	5	46.17	25
16	1	2.783882	6	16.70	36
17	2	8.5	6	51.00	36
18	3	9.233093	6	55.40	36
	Total	72.30	63.0	312.84	273.0
	Rerata	4.02	3.50	17.38	15.17

b =

$$\frac{\sum y \sum x}{\sum y \sum x / n} = \frac{4554.88}{253.05} = 59.79$$

$$\frac{(\sum x)^2}{n} = \frac{3969}{220.5}$$

52.5  
 b 1.138826  
 a 0.030759

$$y = 0.66x - 0.25$$

b 1.145924

$$Y = 0.60 \\ X$$

### TRICHODERMA

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.658312	1	1.66	1
2	2	1	1	1.00	1
3	3	1.224745	1	1.22	1
4	1	1.936492	2	3.87	4
5	2	1.414214	2	2.83	4
6	3	1.5	2	3.00	4
7	1	1.936492	3	5.81	9
8	2	1.802776	3	5.41	9
9	3	1.5	3	4.50	9
10	1	2.179449	4	8.72	16
11	2	2	4	8.00	16
12	3	1.5	4	6.00	16
13	1	2.345208	5	11.73	25
14	2	2	5	10.00	25
15	3	1.581139	5	7.91	25
16	1	2.397916	6	14.39	36
17	2	2	6	12.00	36
18	3	1.802776	6	10.82	36
	Total	31.78	63.0	118.86	273.0
	Rerata	1.77	3.50	6.60	15.17

$$b = \frac{\sum y \sum x}{(\sum x)^2} = \frac{2002.11}{7.63} = 111.23$$

$$\begin{aligned}
 & 3969 \quad 220.5 \\
 & \quad \quad 52.5 \\
 b & \quad 0.145288 \\
 a & \quad 1.257020
 \end{aligned}$$

$$y = 0.66x - 0.25$$

$$b \quad 0.43537$$

$$\begin{aligned}
 Y &= 0.51 \\
 X
 \end{aligned}$$

### ASPERGILLUS

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.322876	1	1.32	1
2	2	1.118034	1	1.12	1
3	3	1.414214	1	1.41	1
4	1	1.658312	2	3.32	4
5	2	1.5	2	3.00	4
6	3	1.581139	2	3.16	4
7	1	5	3	15.00	9
8	2	1.802776	3	5.41	9
9	3	1.802776	3	5.41	9
10	1	7.889867	4	31.56	16
11	2	6.244998	4	24.98	16
12	3	2.061553	4	8.25	16
13	1	8.20061	5	41.00	25
14	2	7.81025	5	39.05	25
15	3	2.44949	5	12.25	25
16	1	8.674676	6	52.05	36
17	2	8.544004	6	51.26	36
18	3	8.154753	6	48.93	36
	Total	77.23	63.0	348.48	273.0
	Rerata	4.29	3.50	19.36	15.17

$$\begin{aligned}
 b &= \\
 \frac{\sum y \sum x}{\sum y \sum x / n} &= \\
 \frac{4865.51}{270.31} &= \\
 & 78.17
 \end{aligned}$$

$(\sum x)^2$

3969          220.5

52.5

b          1.489001

a          -0.920930

$$y = 0.66x - 0.25$$

b          1.276479

$$Y = 0.53 X$$

### BEAUVERIA

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.322876	1	1.32	1
2	2	1.322876	1	1.32	1
3	3	1.732051	1	1.73	1
4	1	1.802776	2	3.61	4
5	2	1.658312	2	3.32	4
6	3	1.936492	2	3.87	4
7	1	2.061553	3	6.18	9
8	2	6.461424	3	19.38	9
9	3	2.179449	3	6.54	9
10	1	2.828427	4	11.31	16
11	2	8.093207	4	32.37	16
12	3	3.840573	4	15.36	16
13	1	4.84768	5	24.24	25
14	2	9.233093	5	46.17	25
15	3	7.483315	5	37.42	25
16	1	9.433981	6	56.60	36
17	2	9.354143	6	56.12	36
18	3	8.046738	6	48.28	36
	Total	83.64	63.0	375.16	273.0
	Rerata	4.65	3.50	20.84	15.17

b =

$$\frac{\sum y \sum x}{\sum y \sum x / n}$$

5269.25    292.74

82.42



$(\sum x)^2$

3969      220.5

52.5

b      1.569949

-

a      0.848211

$$y = 0.38x + 0.15$$

b   1.374208

Y = 0.41

X

### FUSARIUM

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.5	1	1.50	1
2	2	1.322876	1	1.32	1
3	3	1.581139	1	1.58	1
4	1	1.658312	2	3.32	4
5	2	1.5	2	3.00	4
6	3	1.732051	2	3.46	4
7	1	2.12132	3	6.36	9
8	2	1.870829	3	5.61	9
9	3	1.802776	3	5.41	9
10	1	2.12132	4	8.49	16
11	2	2.061553	4	8.25	16
12	3	1.802776	4	7.21	16
13	1	2.12132	5	10.61	25
14	2	2.061553	5	10.31	25
15	3	1.802776	5	9.01	25
16	1	2.12132	6	12.73	36
17	2	2.397916	6	14.39	36
18	3	1.936492	6	11.62	36
	Total	33.52	63.0	124.17	273.0
	Rerata	1.86	3.50	6.90	15.17

b =

$$\begin{aligned} \Sigma y \Sigma x & \quad \Sigma y \Sigma x / n \\ 2111.53 & \quad 117.31 \\ & \quad 6.87 \\ (\Sigma x)^2 & \\ 3969 & \quad 220.5 \\ & \quad 52.5 \\ b & \quad 0.130811 \\ a & \quad 1.404180 \end{aligned}$$

$$y = 0.66x - 0.25$$

$$b \quad 0.454852$$

$$\begin{aligned} Y &= 0.58 \\ X \end{aligned}$$

### ISOLAT X

NO	Ulangan	Y	X	XY	X <sup>2</sup>
1	1	1.5	1	1.50	1
2	2	1	1	1.00	1
3	3	1.658312	1	1.66	1
4	1	1.732051	2	3.46	4
5	2	1.802776	2	3.61	4
6	3	1.936492	2	3.87	4
7	1	1.732051	3	5.20	9
8	2	1.936492	3	5.81	9
9	3	2.12132	3	6.36	9
10	1	1.732051	4	6.93	16
11	2	4.974937	4	19.90	16
12	3	2.397916	4	9.59	16
13	1	1.802776	5	9.01	25
14	2	8.717798	5	43.59	25
15	3	2.598076	5	12.99	25
16	1	1.802776	6	10.82	36
17	2	9.205976	6	55.24	36
18	3	8.689074	6	52.13	36
	Total	57.34	63.0	252.67	273.0
	Rerata	3.19	3.50	14.04	15.17

$$b = \frac{\sum y \sum x}{(\sum x)^2} = \frac{3612.47}{3969} = 0.90765$$

$$a = \frac{\sum y \sum x / n}{\sum x} = \frac{200.69}{220.5} = 0.27959$$

$$y = 0.51x - 0.10$$

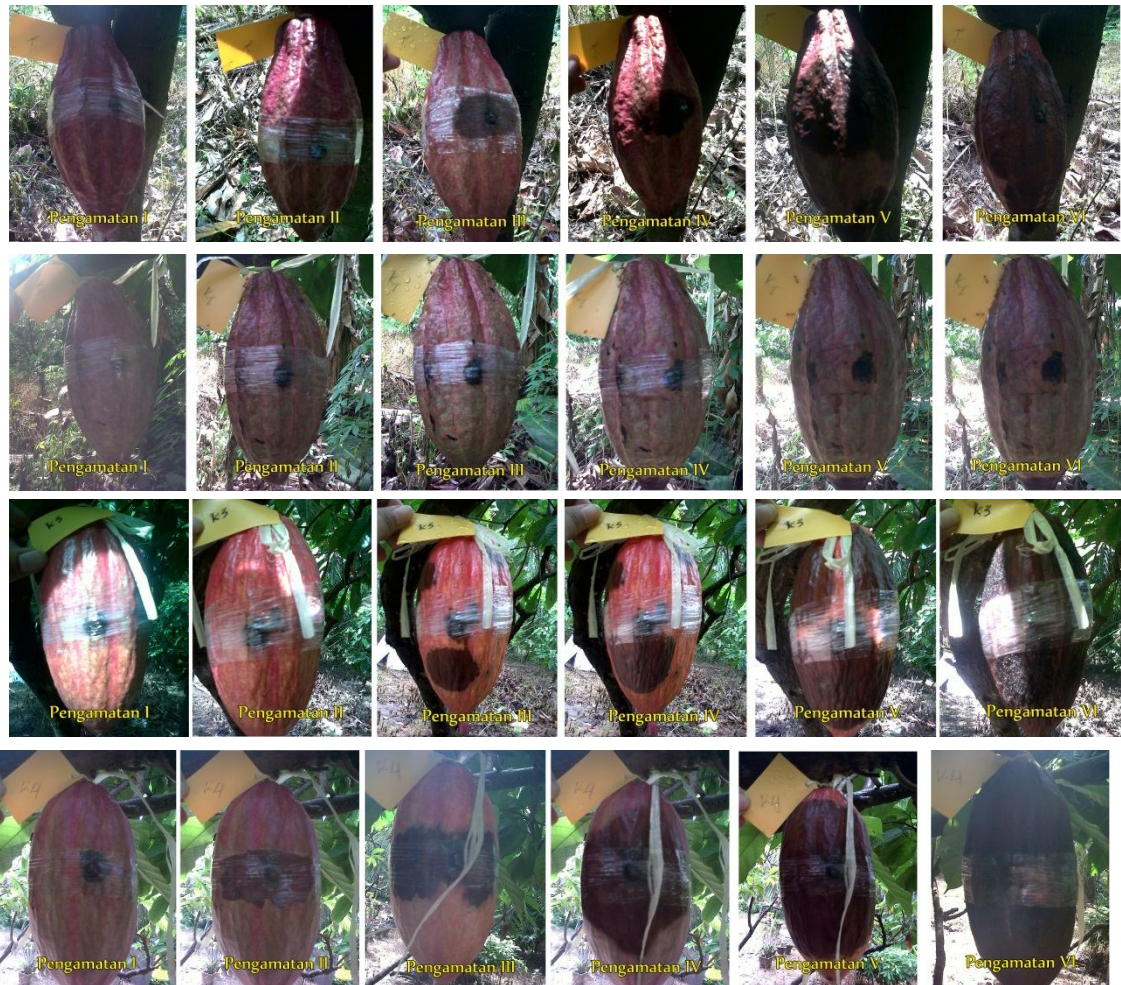
$$b = 0.925532$$

$$Y = 0.49$$

$$X$$

## LAMPIRAN GAMBAR

### 1. Kontrol



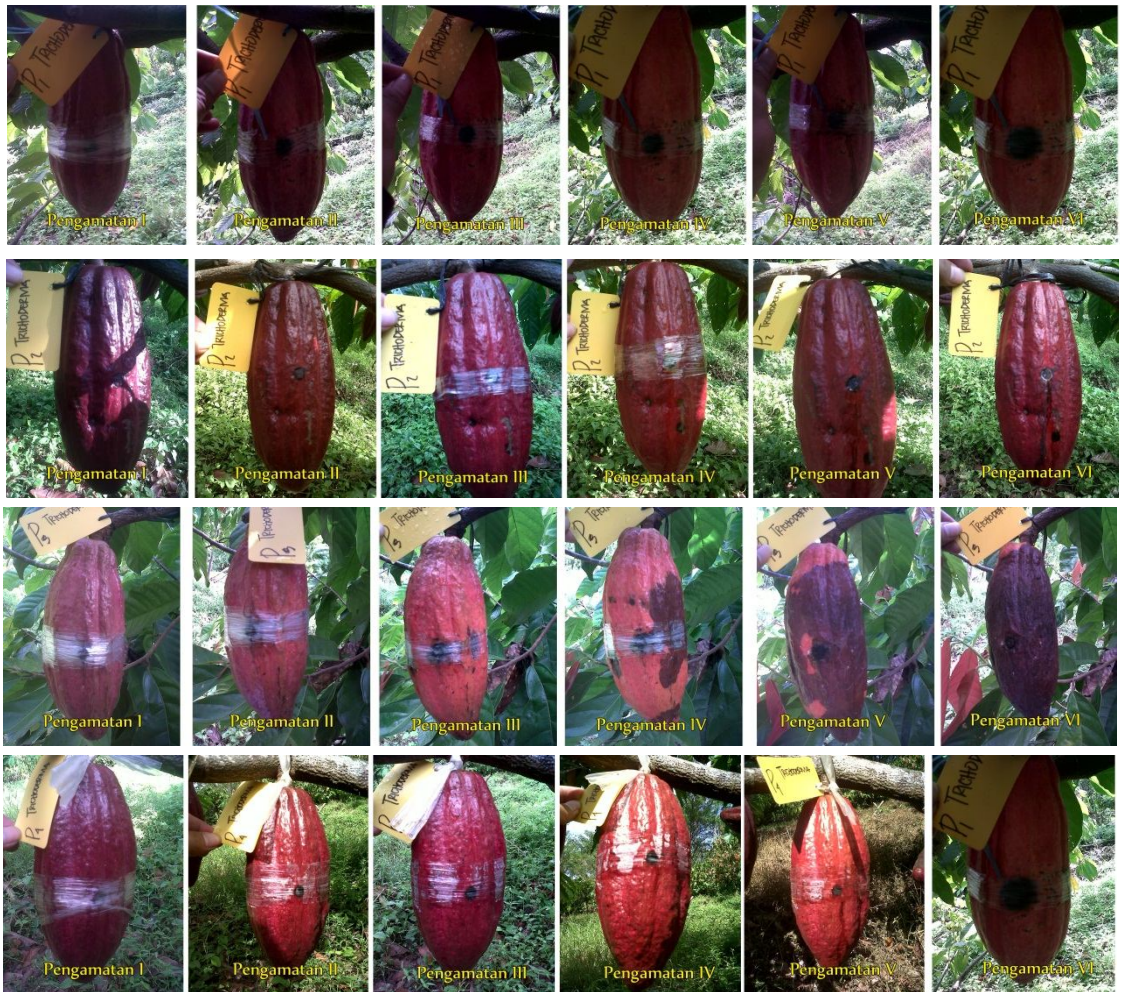


## 2. *Fusarium* sp





### 3. Trichoderma sp



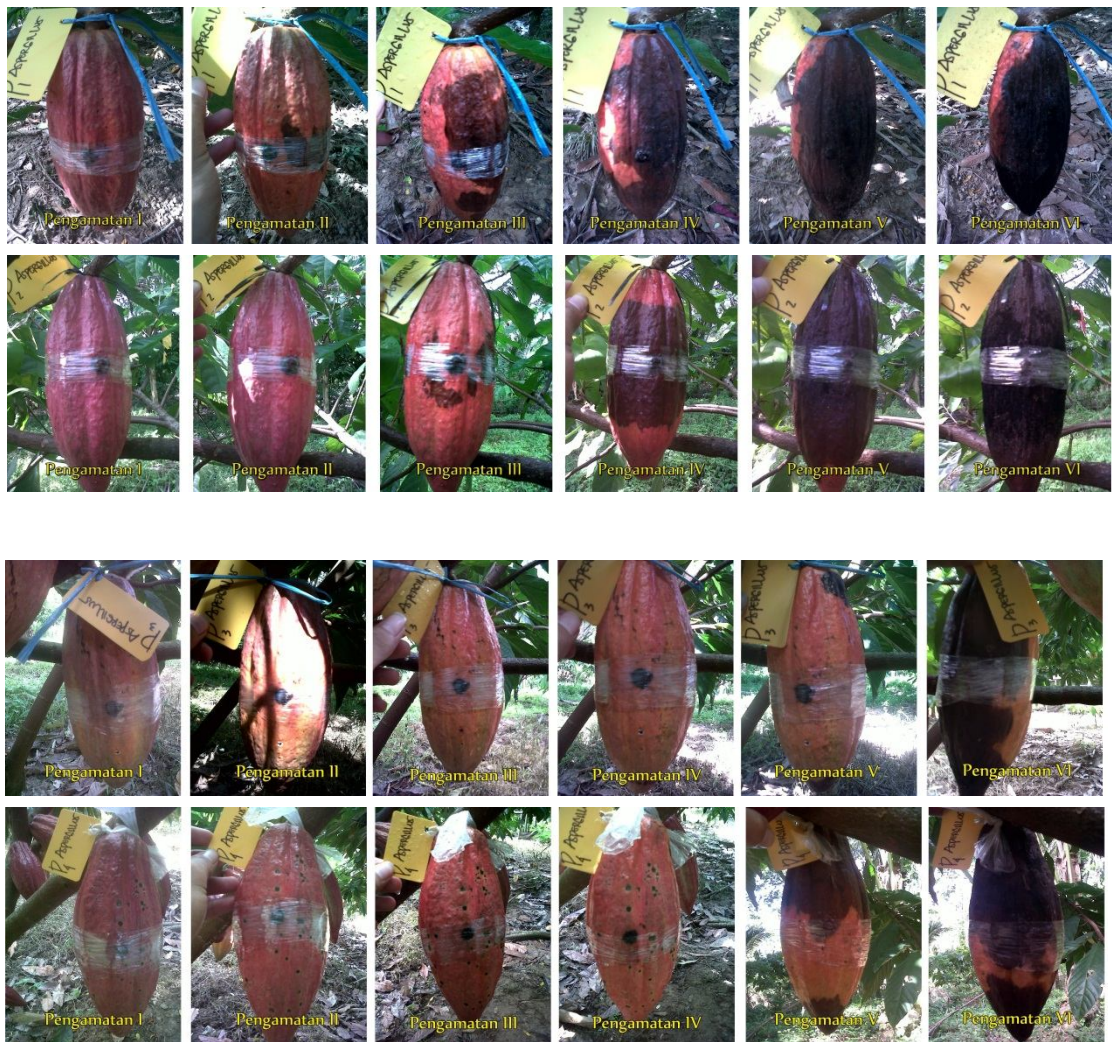


#### 4. Isolat X





## 5. *Aspergillus* sp





## 6. Beauveria sp

