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LAMPIRAN

Lampiran 1. Proses Pengambilan Sampel

Pengambilan sampel kulit pada tanaman karet yang sedang disadap

Pengambilan sampel kulit tanah pada pola tanam monokutlur

Pengambilan sampel daun pada tanaman karet yang sedang disadap

Pengukuran tinggi pohon pada pola tanam Agroforestri

Lampiran 2. Proses Pengerjaan di Laboratorium

Menimbang Agar-Agar dan Glukosa untuk pembuatan media *Potato Dextrose Agar*

Menuang larutan media *Potato Dextrose Agar* pada cawan petri

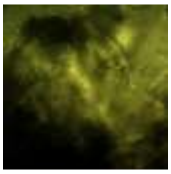
Tahap isolasi Cendawan (metode pengenceran bertingkat)

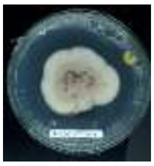
Identifikasi Mikroskopik cendawan menggunakan mikroskop

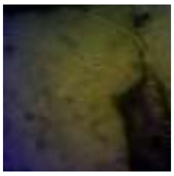
Lampiran 3. Deskripsi Plot

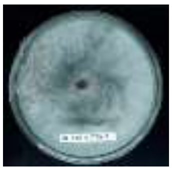
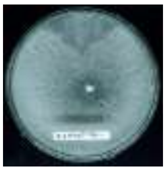
	Elevasi (mdpl)	**Kelembaban (%)**	**Suhu (℃)**	**Jarak Tanam (m)**	**Umur (Tahun)**
			Monokultur (Sadap)		
Plot 1	306	76	22	6 x 3.5	20
Plot 2	293	73	25	4 x 7	10
Plot 3	285	57	31	4 x 7	8
			Monokultur (Belum Sadap)		
Plot 4	310	63	32	6 x 4	3
Plot 5	303	73	29	3 x 3	3
Plot 6	296	81	23	5 x 3	3
			Agroforestri (Sadap)		
Plot 7	286	78	25	4 x 3	15
Plot 8	345	70	26	3 x 3.5	12
Plot 9	118	74	26	4 x 3	11
			Agroforestri (Belum Sadap)		
Plot 10	324	71	29	4 x 4.5	5
Plot 11	110	82	24	4 x 3	5
Plot 12	151	70	27	3 x 6	7

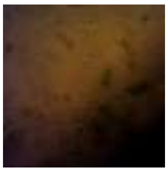
Lampiran 4. Identifikasi Makroskopis dan Mikroskopis Isolat Cendawan pada Tanaman Karet

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
1	HB 1 (2)^{I}			*Trichoderma*
2	HB 1 (3)^{I}			*Aspergillus*
3	HB 1 (3)^{II}			*Trichoderma*
4	HB 1 (4)(10^{-2})^{I}			*Trichoderma*
5	HB 1 (4)(10^{-2})^{II}			*Trichoderma*
6	HB 1 (4)(10^{-2})^{III}			*Aspergillus*
7	HB 1 (4)(10^{-3})^{I}			*Trichoderma*
8	HB 1 (4)(10^{-3})^{II}			X

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
9	HB 2 (1)^{I}			X
10	HB 2 (2)^{I}			X
11	HB 2 (2)^{II}			*Rhizoctonia*
12	HB 2 (3)^{I}			*Trichoderma*
13	HB 2 (4)(10^{-2})^{I}			X
14	HB 2 (4)(10^{-2})^{II}			*Penicllium*
15	HB 2 (4)(10^{-3})^{I}			*Aspergillus*
16	HB 3 (2)^{I}			*Cylindrocladiella*
17	HB 3 (3)^{I}			X

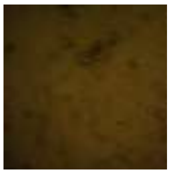
No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
18	HB 3 (4)$(10^{-2})^{I}$			*Trichoderma*
19	HB 3 (4)$(10^{-2})^{II}$			*Trichoderma*
20	HB 3 $(10^{-3})^{I}$			*Rhizoctonia*
21	HB 3(4) $(10^{-3})^{II}$			X
22	HB 4 $(1)^{I}$			X
23	HB 4 $(1)^{II}$			X
24	HB 4 $(2)^{I}$			*Cylindrocladiella*
25	HB 4 $(2)^{II}$			*Cylindrocladiella*
26	HB 4 $(3)^{I}$			*Trichoderma*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
27	HB 4 (4)(10^{-2})^{I}			*Rhizoctonia*
28	HB 4 (4)(10^{-2})^{II}			*Penicillium*
29	HB 4 (4)(10^{-3})^{I}			*Trichoderma*
30	HB 4 (4)(10^{-3})^{II}			*Trichoderma*
31	HB 5 (1)^{I}			*Cylindrocladiella*
32	HB 5 (2)^{I}			*Cylindrocladiella*
33	HB 5 (3)^{I}			*Trichoderma*
34	HB 5 (4)(10^{-2})^{I}			*Trichoderma*
35	HB 5 (4)(10^{-2})^{II}			*Penicillium*

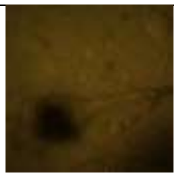
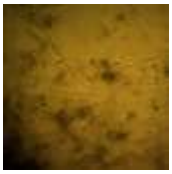
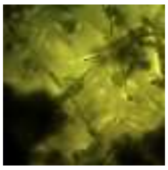
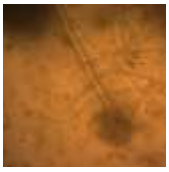
No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
36	HB 5 (4)$(10^{-2})^{III}$			*Trichoderma*
37	HB 5 (4)$(10^{-3})^{I}$			*Trichoderma*
38	HB 5 (4)$(10^{-3})^{II}$			*Penicillium*
39	HB 6 $(1)^{I}$			X
40	HB 6 $(2)^{I}$			*Cylindrocladiella*
41	HB 6 $(3)^{I}$			*Trichoderma*
42	HB 6 (4)$(10^{-2})^{I}$			*Trichoderma*
43	HB 6 (4)$(10^{-3})^{I}$			*Rhizoctonia*
44	HB 7 $(1)^{I}$			*Cunningmahella*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
45	HB 7 (1)^{II}			*Cylindrocladiella*
46	HB 7 (2)^{I}			*Cylindrocladiella*
47	HB 7 (3)^{I}			*Cunningmahela*
48	HB 7 (3)^{II}			*Trichoderma*
49	HB 7 (3)^{III}			*Paecilomyces*
50	HB 7 (4)(10^{-2})^{I}			*Penicillium*
51	HB 7 (4)(10^{-2})^{II}			*Paecilomyces*
52	HB 7 (4)(10^{-2})^{III}			*Penicillium*
53	HB 7 (4)(10^{-2})^{IV}			X

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
54	HB 7 (4)$(10^{-3})^{I}$			*Trichoderma*
55	HB 7 (4)$(10^{-3})^{II}$			*Trichoderma*
56	HB 8 $(1)^{I}$			*Cylindrocladiella*
57	HB 8 $(2)^{I}$			*Cylindrocladiella*
58	HB 8 $(2)^{II}$			X
59	HB 8 $(3)^{I}$			*Trichoderma*
60	HB 8 (4)$(10^{-2})^{I}$			*Trichoderma*
61	HB 8 (4)$(10^{-2})^{II}$			*Trichoderma*
62	HB 8 (4)$(10^{-2})^{III}$			*Aspergillus*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
63	HB 8 (4)(10^{-3})^{I}			X
64	HB 8 (4)(10^{-3})^{II}			*Mucor*
65	HB 9 (1)^{I}			*Cylindrocladiella*
66	HB 9 (1)^{II}			X
67	HB 9 (2)^{I}			*Cylindrocladiella*
68	HB 9 (3)^{I}			*Trichoderma*
69	HB 9 (3)^{II}			*Trichoderma*
70	HB 9 (4)(10^{-2})^{I}			*Penicillium*
71	HB 9 (4)(10^{-2})^{II}			*Gongronella*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
72	HB 9 (4)(10^{-3})^{I}			*Penicillium*
73	HB 10 (1)^{I}			*Aspergillus*
74	HB 10 (1)^{II}			X
75	HB 10 (2)^{I}			*Mucor*
76	HB 10 (2)^{II}			X
77	HB 10 (3)^{I}			X
78	HB 10 (3)^{II}			X
79	HB 10 (4)(10^{-2})^{I}			*Aspergillus*
80	HB 10 (4)(10^{-2})^{II}			X

No	Kode Isolat	Gambar		Genus
		Makroskopis	**Mikroskopis**	
81	HB 10 (4)(10^{-2})^{III}			*Aspergillus*
82	HB 10 (4)(10^{-3})^{I}			X
83	HB 10 (4)(10^{-3})^{II}			*Penicillium*
84	HB 11 (1)^{I}			*Cylindrocladiella*
85	HB 11 (2)^{I}			*Rhizoctonia*
86	HB 11 (3)^{I}			*Trichoderma*
87	HB 11 (3)^{II}			*Penicillium*
88	HB 11 (3)^{III}			*Aspergillus*
89	HB 11 (3)^{IV}			*Penicillium*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
90	HB 11 (4)(10^{-2})^{I}			*Gongronella*
91	HB 11 (4)(10^{-2})^{II}			*Penicillium*
92	HB 11 (4)(10^{-2})^{III}			*Penicillium*
93	HB 11 (4)(10^{-3})^{I}			*Trichoderma*
94	HB 11 (4)(10^{-3})^{II}			*Gliocladium*
95	HB 12 (1)^{I}			*Cylindrocladiella*
96	HB 12 (2)^{I}			*Cylindrocladiella*
97	HB 12 (3)^{I}			*Trichoderma*
98	HB 12 (3)^{II}			*Trichoderma*

No	Kode Isolat	Gambar		Genus
		Makroskopis	Mikroskopis	
99	HB 12 (4)$(10^{-2})^{I}$			X
100	HB 12 (4)$(10^{-2})^{II}$			*Trichoderma*
101	HB 12 (4)$(10^{-3})^{I}$			*Penicillium*

Lampiran 5. Uji T-Test

Group Statistics

	Pola Tanam	N	Mean	Std. Deviation	Std. Error Mean
Jumlah Isolat	Monokultur	6	7.1667	1.47196	.60093
	Agroforestri	6	9.6667	1.96638	.80277

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Jumlah Isolat	Equal variances assumed	1.406	.263	-2.493	10	.032	-2.50000	1.00277	-4.73432	-.26568
	Equal variances not assumed			-2.493	9.264	.034	-2.50000	1.00277	-4.75860	-.24140

Jika, nilai Sig. < 0,05 maka terdapat perbedaan signifikan antara pola tanam, dan nilai Sig > o,05 tidak terdapat perbedaan signifikan antara pola tanam

Lampiran 6. Anova Pola Tanam

Jumlah Isolat Berdasarkan Pola Tanam	
Monokultur	Agroforestri
8	12
7	9
6	8
9	11
8	11
5	7

Pola Tanam	Rata-Rata	Simpangan Baku	Banyak Data	Standar Error
Agroforestri	9.666666667	1.966384161	6	0.802772972
Monokultur	7.166666667	1.471960144	6	0.600925213

ANOVA

Jumlah Isolat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18.750	1	18.750	6.215	.032
Within Groups	30.167	10	3.017		
Total	48.917	11			

Jika Sig > 0.05 maka H0 diterima, Sig <0.05 maka H0 ditolak

Lampiran 7. Anova Status Penyadapan

Jumlah Isolat	
Sadap	Belum Sadap
8	9
7	8
6	5
12	11
9	11
8	7
50	51

Status Sadap	Rata-Rata	Simpangan Baku	Banyak Data	Standar error
Sadap	14.28571	15.86100339	6	6.475227519
Belum Sadap	14.57143	16.20552522	6	6.615877967

ANOVA

Jumlah Isolat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.083	1	.083	.017	.899
Within Groups	48.833	10	4.883		
Total	48.917	11			

Jika Sig > 0.05 maka H0 diterima, Sig <0.05 maka H0 ditolak

Lampiran 8. Anova Jaringan dan Rhizosfer

Jumlah Isolat			
Daun	Kulit	Akar	Tanah
5	8	7	23
9	8	14	27

Jaringan	Rata-Rata	Simpangan Baku	Banyak Data	Standart Error
Daun	7	2.828427125	2	2
Kulit	8	0	2	0
Akar	10.5	4.949747468	2	3.5
Tanah	25	2.828427125	2	2

ANOVA

Jumlah Isolat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	70.229	3	23.410	30.074	.000
Within Groups	34.250	44	.778		
Total	104.479	47			

Jika Sig > 0.05 maka H0 diterima, Sig <0.05 maka H0 ditolak

Lampiran 9. Uji Tukey Jaringan dan Rhizosfer

Jumlah Isolat

Tukey HSD[a]

Jaringan dan Rhizosfer	N	Subset for alpha = 0.05	
		1	2
Daun	12	1.1667	
Kulit	12	1.3333	
Akar	12	1.7500	
Tanah	12		4.1667
Sig.		.378	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 12.000.

Lampiran 10. Analisis Korelasi

Correlations

		Jumlah Isolat	Jumlah Genus	Jumlah Jenis Tanaman Campuran
Jumlah Isolat	Pearson Correlation	1	.577*	.511
	Sig. (2-tailed)		.049	.090
	N	12	12	12
Jumlah Genus	Pearson Correlation	.577*	1	.480
	Sig. (2-tailed)	.049		.114
	N	12	12	12
Jumlah Jenis Tanaman Campuran	Pearson Correlation	.511	.480	1
	Sig. (2-tailed)	.090	.114	
	N	12	12	12

*. Correlation is significant at the 0.05 level (2-tailed).

Jika nilai Sig < 0,05, maka berkorelasi, nilai Sig > 0,05 tidak berkorelasi