

LAMPIRAN

Lampiran 1. Analisis Data

Uji antagonisme *Colletotrichum* spp.

ANALYSIS OF VARIANCE				
Variable: Daya Hambat				
Means of Daya Hambat	Kelompok		Grand Total	DMRT (p=0,5)
Perlakuan	1	2		
Krw 1.1	60.00	66.60	63.30	bc
Krw 1.2	66.60	68.80	67.60	ab
Krw 1.3	71.10	70.00	70.55	a
Krw 1.4	50.00	50.00	50.00	e
Kmb 1.1	62.50	67.50	65.00	e
Kmb 1.2	55.00	50.00	52.50	e
Kmb 1.3	0.00	0.00	0.00	f
Kmb 1.4	0.00	0.00	0.00	f
Clp 1.1	62.20	71.10	66.65	ab
Clp 1.2	55.50	55.50	55.50	de
Clp 1.3	50.00	50.00	50.00	e
Clp 1.4	62.50	55.50	59.00	cd
Clp 1.5	62.50	62.50	62.50	bc

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	18178.15	13	1398.32	171.85	4.15	**	2.01	2.85	6.11	8.49
Residual	113.91	14	8.13			6.02				
Total	18292.06	27	677.48							

Uji antagonisme *Fusarium* spp.

ANALYSIS OF VARIANCE				
Variable: Daya Hambat				
Means of Daya Hambat	Kelompok		Grand Total	DMRT (p=0,5)
Perlakuan	1	2		
Krw 1.1	55.50	66.00	60.75	abcd
Krw 1.2	55.00	66.00	60.50	abcd
Krw 1.3	53.00	50.00	51.50	cd
Krw 1.4	53.00	62.50	57.75	bcd
Kmb 1.1	71.10	70.00	70.55	a
Kmb 1.2	55.50	60.00	57.75	bcd
Kmb 1.3	62.50	62.50	62.50	abc
Kmb 1.4	50.00	50.00	50.00	d
Clp 1.1	55.50	55.50	55.50	bcd
Clp 1.2	66.60	62.20	64.40	ab
Clp 1.3	71.10	62.20	66.65	ab
Clp 1.4	66.60	55.00	60.80	abcd
Clp 1.5	55.00	66.60	60.80	abcd

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	7447.9	13	572.91	22.29	4.20	**	3.58	5.06	10.87	15.09
Residual	359.82	14	25.70			9.10				
Total	7807.8	27	289.17							

Uji antagonisme *Rhizoctonia* spp.

ANALYSIS OF VARIANCE

Variable: Daya Hambat

Means of Daya Hambat	Kelompok		Grand Total	DMRT (p=0,5)
Perlakuan	1	2		
Krw 1.1	55.50	55.50	55.50	d
Krw 1.2	62.20	64.40	63.30	bc
Krw 1.3	71.10	66.70	68.90	ab
Krw 1.4	66.70	77.70	72.20	a
Kmb 1.1	66.70	66.70	66.70	ab
Kmb 1.2	71.10	71.10	71.10	a
Kmb 1.3	66.70	66.70	66.70	ab
Kmb 1.4	55.50	55.50	55.50	d
Clp 1.1	55.50	60.00	57.75	cd
Clp 1.2	66.70	60.00	63.35	bc
Clp 1.3	55.50	55.50	55.50	d
Clp 1.4	62.25	55.50	58.88	cd
Clp 1.5	55.50	55.50	55.50	d

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	8179.78	13	629.21	68.84	2.25	**	2.13	3.02	6.48	8.99
Residual	127.95	14	9.14			5.21				
Total	8307.73	27	307.70							

Uji antagonisme *Xanthomonas*

ANALYSIS OF VARIANCE

Variable: Daya Hambat

Means of Daya Hambat	Kelompok		Grand Total	DMRT (p=0,5)
Perlakuan	1	2		
Krw 1.1	0.70	0.70	0.70	f
Krw 1.2	0.00	0.00	0.00	g
Krw 1.3	0.00	0.00	0.00	g
Krw 1.4	0.00	0.00	0.00	g
Kmb 1.1	5.60	5.60	5.60	a
Kmb 1.2	0.00	0.00	0.00	g
Kmb 1.3	0.00	0.00	0.00	g
Kmb 1.4	0.00	0.00	0.00	g
Clp 1.1	1.50	1.50	1.50	c
Clp 1.2	0.90	0.90	0.90	d
Clp 1.3	3.00	3.00	3.00	d
Clp 1.4	0.80	0.80	0.80	b
Clp 1.5	0.00	0.00	0.00	g

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	66.77	13	5.13	2.53	2.98	**	3.18	4.50	9.66	1.34
Residual	2.84	14	2E-15			5.04				
Total	66.77	27	2.47							

Uji antagonisme *Ralstonia*

ANALYSIS OF VARIANCE

Variable: Daya Hambat

Means of Daya Hambat	Kelompok		Grand Total	DMRT (p=0,5)
Perlakuan	1	2		
Krw 1.1	0.00	0.00	0.00	d
Krw 1.2	0.00	0.00	0.00	d
Krw 1.3	0.00	0.00	0.00	d
Krw 1.4	0.00	0.00	0.00	d
Kmb 1.1	0.70	0.70	0.70	cd
Kmb 1.2	4.00	4.00	4.00	a
Kmb 1.3	2.30	2.30	2.30	b
Kmb 1.4	0.00	0.00	0.00	d
Clp 1.1	1.60	0.60	1.10	c
Clp 1.2	1.30	1.30	1.30	c
Clp 1.3	1.70	0.70	1.20	c
Clp 1.4	1.40	0.80	1.20	c
Clp 1.5	0.00	0.00	0.00	d

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	1842.71	13	141.74	17.01	5.84	**	0.91	1.29	2.55	3.37
Residual	1049.53	126	8.32			75.36				
Total	2892.24	139	20.80							

Panjang Akar Benih Mentimun pada Uji PGPR

ANALYSIS OF VARIANCE

VARIABLE: Panjang Akar

Means of Panjang Akar	Kelompok										Grand Total	DMRT (p=0.
Perlakuan	1	2	3	4	5	6	7	8	9	10		
Kontrol	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	a
Krw 1.1	0.00	0.70	1.70	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.44	ab
Krw 1.2	1.30	1.50	2.00	3.70	0.00	0.00	9.00	12.00	8.00	0.00	3.75	cd
Krw 1.3	0.00	1.50	2.50	2.00	2.50	2.00	0.00	2.00	2.34	2.30	1.71	abc
Krw 1.4	11.00	10.00	12.00	5.00	3.50	4.00	4.00	0.00	2.50	0.00	5.20	d
Kmb 1.1	0.00	2.00	3.20	0.00	0.00	0.00	0.00	0.00	1.50	2.00	0.87	ab
Kmb 1.2	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	3.00	0.45	ab
Kmb 1.3	2.50	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.57	ab
Kmb 1.4	2.50	8.00	0.00	5.00	0.00	0.00	4.50	7.30	2.50	2.00	3.18	bcd
Clp 1.1	2.40	6.50	7.50	3.80	5.50	9.00	7.00	6.00	4.50	0.00	5.22	d
Clp 1.2	12.50	9.10	7.20	9.60	12.8	8.30	11.70	11.50	7.60	5.00	9.53	e
Clp 1.3	10.80	14.00	0.00	14.30	0.00	11.00	0.00	9.70	15.30	11.50	8.66	e
Clp 1.4	16.40	11.60	10.90	13.20	10.70	11.00	10.70	6.00	11.20	15.00	11.67	e
Clp 1.5	5.00	5.00	0.00	0.00	2.90	3.00	2.70	0.00	0.00	3.00	2.16	abc

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	35.10	13	2.70	32.03	3.90	**	0.20	0.29	0.62	0.86
Residual	1.18	14	0.08			34.73				
Total	36.28	27	1.34							

Luas Serangan

ANALYSIS OF VARIANCE

VARIABLE: Luas Serangan

Means of Luas Serangan	Kelompok					Grand Total	DMRT (p=0.05)
Perlakuan	1	2	3	4	5		
Kontrol	188.66	78.66	100.00	283.66	233.66	176.93	a
Fungisida	265.33	186	256.66	141	196.66	209.13	a
Clp 1.1	57.66	39.33	60.66	55.00	76.33	57.80	b
Clp 1.2	50.00	133.33	75.66	34.33	105.33	79.73	b
Clp 1.4	60.00	110.00	37.33	70.33	41.00	63.73	b

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	99051.24	4	24762.8	9.58	0.00017	**	22.73	32.14	67.06	91.47
Residual	51676.53	20	2583.83			42.27				
Total	150727.78	24	6280.32							

Indeks Sampah

ANALYSIS OF VARIANCE

VARIABLE: Indeks Sampah

Means of Luas Serangan	Kelompok					Grand Total	DMRT (p=0.05)
Perlakuan	1	2	3	4	5		
Kontrol	0.48	0.16	0.22	0.85	0.85	0.51	a
Fungisida	0.95	0.71	0.77	0.27	0.53	0.64	a
Clp 1.1	0.57	0.08	0.06	0.52	0.59	0.36	a
Clp 1.2	0.52	0.74	0.38	0.10	0.51	0.45	a
Clp 1.4	0.43	0.23	0.62	0.44	0.83	0.50	a

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	0.21	4	0.05	0.73	0.58	**	0.12	0.17	0.35	0.48
Residual	1.43	20	0.07			53.88				
Total	1.64	24	0.07							

Kadar Gula

ANALYSIS OF VARIANCE

VARIABLE: Kadar Gula

Means of Luas Serangan	Kelompok					Grand Total	DMRT (p=0.05)
Perlakuan	1	2	3	4	5		
Kontrol	3.00	3.30	3.17	3.13	2.87	3.09	a
Fungisida	2.90	2.47	2.20	2.30	2.10	2.39	a
Clp 1.1	2.93	2.93	2.83	2.87	2.90	2.89	b
Clp 1.2	2.03	2.33	2.97	2.47	2.00	2.36	b
Clp 1.4	2.33	2.40	2.33	2.43	2.47	2.41	b

ANOVA TABLE

EFFECT	SS	DF	MS	F	ProbF	VC(%)	SEM	SED	LSD (0.05)	LSD (0.01)
Perlakuan	0.21	4	0.05	0.73	0.58	**	0.12	0.17	0.35	0.48
Residual	1.43	20	0.07			53.88				
Total	1.64	24	0.07							

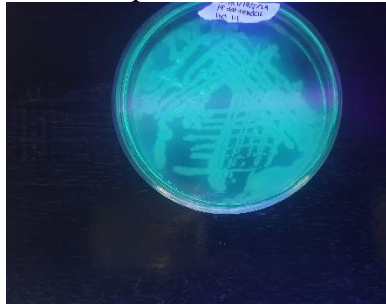
Lampiran 2. Dokumentasi Penelitian



Pengambilan sampel tanah perakaran putri malu



Uji katalase H_2O_2



Makroskopis *P. fluorescens* pada medium padat



Uji KOH 3%



Isolasi bakteri Rizosfer



Uji PGPR pada benih mentimun



Uji Hipersensitif pada daun tembakau



Uji isolate bakteri antagonis pada buah cabai