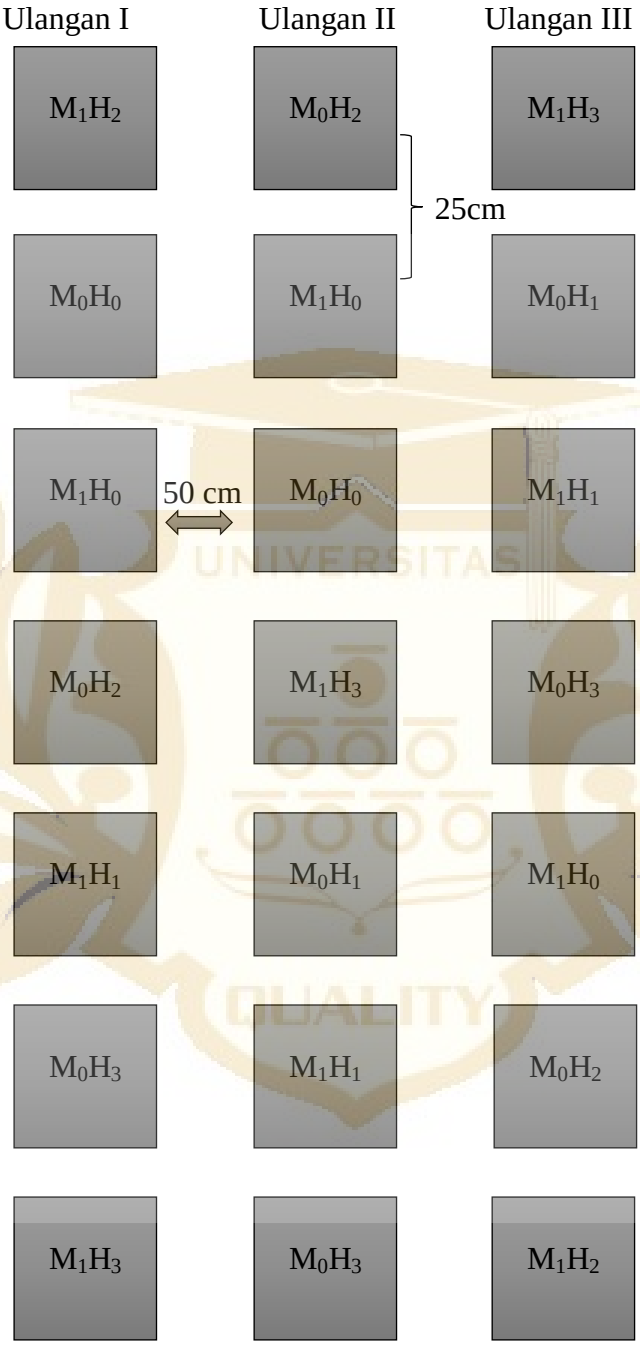
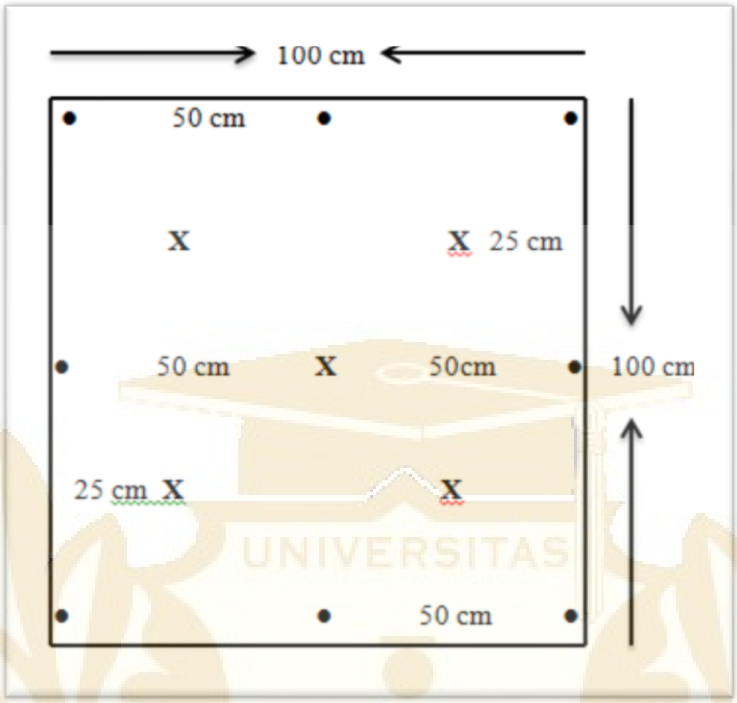
Lampiran 1. Bagan Penelitian



Lampiran 2. Populasi Tanaman per Plot



Keterangan :

● : Pagar atau sampel alternatif / jarak setiap pagar 50 cm

X : Sampel tanaman

Lampiran 3.Rata-rata Waktu Munculnya Tunas Pisang Barangan Merah (hari)

PERLAKUAN	ULANGAN			TOTAL	Rata-Rata
	1	2	3		
M0H0.	26.99	29.88	29.49	86.36	28.79
M0H1.	27.32	22.85	25.59	75.76	25.25
M0H2.	23.18	26.12	27.67	76.97	19.24
M0H3.	29.70	30.00	31.38	91.08	30.36
M1H0.	30.89	29.80	29.43	90.12	30.04
M1H1.	30.01	28.85	27.07	85.92	28.64
M1H2.	25.03	22.80	26.37	74.20	24.73
M1H3.	25.56	29.04	28.45	83.05	27.68
TOTAL	218.67	219.35	225.45	663.47	26.54

MxH	Media "M"	ZPT "H"	Blok	HASIL
M0H0.	M0	H0.	1	26.99
M0H1.	M0	H1.	1	27.32
M0H2.	M0	H2.	1	23.18
M0H3.	M0	H3.	1	29.70
M1H0.	M1	H0.	1	30.89
M1H1.	M1	H1.	1	30.01
M1H2.	M1	H2.	1	25.03
M1H3.	M1	H3.	1	25.56
M0H0.	M0	H0.	2	29.88
M0H1.	M0	H1.	2	22.85
M0H2.	M0	H2.	2	26.12
M0H3.	M0	H3.	2	30.00
M1H0.	M1	H0.	2	29.80
M1H1.	M1	H1.	2	28.85
M1H2.	M1	H2.	2	22.80
M1H3.	M1	H3.	2	29.04
M0H0.	M0	H0.	3	29.49
M0H1.	M0	H1.	3	25.59
M0H2.	M0	H2.	3	27.67
M0H3.	M0	H3.	3	31.38
M1H0.	M1	H0.	3	29.43
M1H1.	M1	H1.	3	27.07
M1H2.	M1	H2.	3	26.37
M1H3.	M1	H3.	3	28.45

Lampiran 4.Daftar Sidik Ragam Waktu Munculnya Tunas Pisang Barangan Merah Hasil Olah SPSS (hari)

Tests of Between-Subjects Effects

Dependent Variable: Kecepatan bertunas (hari)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	104.164[a]	9	11.574	3.805	.013
Intercept	18341.352	1	18341.352	6030.188	.000
M	.408	1	.408	.134	.720
H	69.060	3	23.020	7.568	.003
M * H	31.212	3	10.404	3.421	.047
Blok	3.483	2	1.742	.573	.577
Error	42.582	14	3.042		
Total	18488.098	24			
Corrected Total	146.746	23			

a. R Squared = .710 (Adjusted R Squared = .523)

Kecepatan bertunas (hari)

Duncan[a,b]

ZPT	N	Subset 1	Subset 2	Subset 3
H2 (5 ml/1 L)	6	25.1950		
H1 (2,5 ml/1 L)	6	26.9483	26.9483	
H3 (7,5 ml/1 L	6		29.0217	29.0217
H0 (kontrol)	6			29.4133
Sig.		.104	.059	.703

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 3.042.
a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = 0.05.

Kecepatan bertunas (hari)

Duncan[a,b]

Blok	N	Subset 1
Ulangan I	8	27.3350
Ulangan 2	8	27.4175
Ulangan 3	8	28.1813
Sig.		.373

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 3.042.
a. Uses Harmonic Mean Sample Size = 8.000.

b. Alpha = 0.05.

Lampiran 5.Rata-rata Pertumbuhan Jumlah Tunas Pisang Barangan Merah (mata)

PERLAKUAN	ULANGAN			TOTAL	Rata-Rata
	1	2	3		
M0H0.	2.25	2.12	2.10	6.47	2.16
M0H1.	2.25	2.09	2.45	6.79	2.26
M0H2.	2.40	2.45	2.78	7.63	1.91
M0H3.	2.33	1.88	2.29	6.50	2.17
M1H0.	3.18	2.82	2.58	8.58	2.86
M1H1.	2.54	2.08	2.55	7.17	2.39
M1H2.	2.35	2.13	2.05	6.52	2.17
M1H3.	2.44	2.00	1.73	6.17	2.06
TOTAL	19.75	17.56	18.52	55.83	2.23

MxH	Media "M"	ZPT "H"	Blok	HASIL
M0H0.	M0	H0.	1	2.25
M0H1.	M0	H1.	1	2.25
M0H2.	M0	H2.	1	2.40
M0H3.	M0	H3.	1	2.33
M1H0.	M1	H0.	1	3.18
M1H1.	M1	H1.	1	2.54
M1H2.	M1	H2.	1	2.35
M1H3.	M1	H3.	1	2.44
M0H0.	M0	H0.	2	2.12
M0H1.	M0	H1.	2	2.09
M0H2.	M0	H2.	2	2.45
M0H3.	M0	H3.	2	1.88
M1H0.	M1	H0.	2	2.82
M1H1.	M1	H1.	2	2.08
M1H2.	M1	H2.	2	2.13
M1H3.	M1	H3.	2	2.00
M0H0.	M0	H0.	3	2.10
M0H1.	M0	H1.	3	2.45
M0H2.	M0	H2.	3	2.78
M0H3.	M0	H3.	3	2.29
M1H0.	M1	H0.	3	2.58
M1H1.	M1	H1.	3	2.55
M1H2.	M1	H2.	3	2.05
M1H3.	M1	H3.	3	1.73

Lampiran 6.Daftar Sidik Ragam Pertumbuhan Jumlah Tunas Pisang Barangan Merah Hasil Olah SPSS (mata)

Tests of Between-Subjects Effects

Dependent Variable: Jumlah tunas (mata)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.764[a]	9	.196	4.398	.007
Intercept	129.921	1	129.921	2915.869	.000
M	.047	1	.047	1.051	.323
H	.482	3	.161	3.606	.041
M * H	.939	3	.313	7.025	.004
Blok	.296	2	.148	3.317	.066
Error	.624	14	.045		
Total	132.308	24			
Corrected Total	2.387	23			

a. R Squared = .739 (Adjusted R Squared = .571)

Jumlah tunas (mata)

Duncan[a,b]

ZPT	N	Subset 1	Subset 2
H3 (7,5 ml/1 L	6	2.1117	
H1 (2,5 ml/1 L)	6	2.3267	2.3267
H2 (5 ml/1 L)	6	2.3600	2.3600
H0 (kontrol)	6		2.5083
Sig.		.072	.178

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .045.
a. Uses Harmonic Mean Sample Size = 6.000.
b. Alpha = 0.05.

Jumlah tunas (mata)

Duncan[a,b]

Blok	N	Subset 1	Subset 2
Ulangan 2	8	2.1963	
Ulangan 3	8	2.3163	2.3163
Ulangan I	8		2.4675
Sig.		.275	.174

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .045.
a. Uses Harmonic Mean Sample Size = 8.000.
b. Alpha = 0.05.

Lampiran 7.Rata-rata Pertumbuhan Tinggi Tanaman Pisang Barangan Merah (cm)

PERLAKUAN	ULANGAN			TOTAL	Rata-Rata
	1	2	3		
M0H0	20.21	18.62	15.05	53.87	17.96
M0H1	16.40	18.89	19.40	54.70	18.23
M0H2	24.81	25.65	25.02	75.48	18.87
M0H3	14.00	17.39	13.09	44.47	14.82
M1H0	15.33	17.18	18.25	50.75	16.92
M1H1	22.47	23.25	23.83	69.55	23.18
M1H2	21.94	31.28	17.96	71.18	23.73
M1H3	25.01	24.29	18.16	67.46	22.49
TOTAL	160.17	176.55	150.75	487.47	19.50

MxH	Media "M"	ZPT "H"	Blok	HASIL
M0H0	M0	H0	1	20.21
M0H1	M0	H1	1	16.40
M0H2	M0	H2	1	24.81
M0H3	M0	H3	1	14.00
M1H0	M1	H0	1	15.33
M1H1	M1	H1	1	22.47
M1H2	M1	H2	1	21.94
M1H3	M1	H3	1	25.01
M0H0	M0	H0	2	18.62
M0H1	M0	H1	2	18.89
M0H2	M0	H2	2	25.65
M0H3	M0	H3	2	17.39
M1H0	M1	H0	2	17.18
M1H1	M1	H1	2	23.25
M1H2	M1	H2	2	31.28
M1H3	M1	H3	2	24.29
M0H0	M0	H0	3	15.05
M0H1	M0	H1	3	19.40
M0H2	M0	H2	3	25.02
M0H3	M0	H3	3	13.09
M1H0	M1	H0	3	18.25
M1H1	M1	H1	3	23.83
M1H2	M1	H2	3	17.96
M1H3	M1	H3	3	18.16

Lampiran 8.Daftar Sidik Ragam Pertumbuhan Tinggi Tanaman Pisang Barangan Merah Hasil Olah SPSS (cm)

Tests of Between-Subjects Effects

Dependent Variable: Tinggi tanaman (cm)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	341.376[a]	9	37.931	4.645	.005
Intercept	9901.531	1	9901.531	1212.528	.000
M	38.557	1	38.557	4.722	.047
H	169.273	3	56.424	6.910	.004
M * H	90.963	3	30.321	3.713	.037
Blok	42.582	2	21.291	2.607	.109
Error	114.324	14	8.166		
Total	10357.232	24			
Corrected Total	455.701	23			

a. R Squared = .749 (Adjusted R Squared = .588)

Tinggi tanaman (cm)

Duncan[a,b]

ZPT	N	Subset 1	Subset 2
H0 (kontrol)	6	17.4400	
H3 (7,5 ml/1 L	6	18.6567	
H1 (2,5 ml/1 L)	6	20.7067	20.7067
H2 (5 ml/1 L)	6		24.4433
Sig.		.080	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 8.166.
a. Uses Harmonic Mean Sample Size = 6.000.
b. Alpha = 0.05.

Tinggi tanaman (cm)

Duncan[a,b]

Blok	N	Subset 1	Subset 2
Ulangan 3	8	18.8450	
Ulangan I	8	20.0213	20.0213
Ulangan 2	8		22.0688
Sig.		.424	.174

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 8.166.
a. Uses Harmonic Mean Sample Size = 8.000.
b. Alpha = 0.05.

Lampiran 9.Rata-rata Pertumbuhan Diameter Batang Pisang Barangan Merah (mm)

PERLAKUAN	ULANGAN			TOTAL	Rata-Rata
	1	2	3		
M0H0	18.86	18.74	17.75	55.35	18.45
M0H1	18.38	20.77	18.79	57.94	19.31
M0H2	22.43	18.89	21.79	63.11	15.78
M0H3	15.92	17.23	15.48	48.62	16.21
M1H0	21.63	19.23	22.13	62.98	20.99
M1H1	17.93	17.27	18.03	53.23	17.74
M1H2	19.65	20.88	18.68	59.20	19.73
M1H3	21.78	19.10	18.69	59.57	19.86
TOTAL	156.57	152.10	151.33	460.00	18.40

MxH	Media "M"	ZPT "H"	Blok	HASIL
M0H0	M0	H0	1	18.86
M0H1	M0	H1	1	18.38
M0H2	M0	H2	1	22.43
M0H3	M0	H3	1	15.92
M1H0	M1	H0	1	21.63
M1H1	M1	H1	1	17.93
M1H2	M1	H2	1	19.65
M1H3	M1	H3	1	21.78
M0H0	M0	H0	2	18.74
M0H1	M0	H1	2	20.77
M0H2	M0	H2	2	18.89
M0H3	M0	H3	2	17.23
M1H0	M1	H0	2	19.23
M1H1	M1	H1	2	17.27
M1H2	M1	H2	2	20.88
M1H3	M1	H3	2	19.10
M0H0	M0	H0	3	17.75
M0H1	M0	H1	3	18.79
M0H2	M0	H2	3	21.79
M0H3	M0	H3	3	15.48
M1H0	M1	H0	3	22.13
M1H1	M1	H1	3	18.03
M1H2	M1	H2	3	18.68
M1H3	M1	H3	3	18.69

Lampiran 10.Daftar Sidik Ragam Pertumbuhan Diameter Batang Pisang Barangan MerahHasil Olah SPSS (mm)

Tests of Between-Subjects Effects

Dependent Variable: Diameter tunas (mm)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	58.850[a]	9	6.539	3.815	.013
Intercept	8817.817	1	8817.817	5144.993	.000
M	4.142	1	4.142	2.417	.142
H	20.941	3	6.980	4.073	.028
M * H	31.766	3	10.589	6.178	.007
Blok	2.001	2	1.001	.584	.571
Error	23.994	14	1.714		
Total	8900.661	24			
Corrected Total	82.844	23			

a. R Squared = .710 (Adjusted R Squared = .524)

Diameter tunas (mm)

Duncan[a,b]

ZPT	N	Subset 1	Subset 2	Subset 3
H3 (7,5 ml/1 L	6	18.0333		
H1 (2,5 ml/1 L)	6	18.5283	18.5283	
H0 (kontrol)	6		19.7233	19.7233
H2 (5 ml/1 L)	6			20.3867
Sig.		.051	.215	.395

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 1.714.
a. Uses Harmonic Mean Sample Size = 6.000.
b. Alpha = 0.05.

Diameter tunas (mm)

Duncan[a,b]

Blok	N	Subset 1
Ulangan 3	8	18.9175
Ulangan 2	8	19.0138
Ulangan I	8	19.5725
Sig.		.358

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 1.714.
a. Uses Harmonic Mean Sample Size = 8.000.
b. Alpha = 0.05.

Lampiran 11.Rata-rata Pertumbuhan Jumlah Daun Pisang Barangan Merah (helai)

PERLAKUAN	ULANGAN			TOTAL	Rata-Rata
	1	2	3		
M0H0	3.38	3.25	2.68	9.30	3.10
M0H1	3.52	3.60	3.45	10.57	3.52
M0H2	3.73	3.11	3.06	9.89	2.47
M0H3	3.59	3.33	2.68	9.61	3.20
M1H0	3.03	2.65	3.00	8.68	2.89
M1H1	3.48	2.31	3.45	9.23	3.08
M1H2	4.35	4.90	3.59	12.84	4.28
M1H3	4.47	4.80	3.09	12.36	4.12
TOTAL	29.55	27.94	24.99	82.48	3.30

MxH	Media "M"	ZPT "H"	Blok	HASIL
M0H0	M0	H0	1	3.38
M0H1	M0	H1	1	3.52
M0H2	M0	H2	1	3.73
M0H3	M0	H3	1	3.59
M1H0	M1	H0	1	3.03
M1H1	M1	H1	1	3.48
M1H2	M1	H2	1	4.35
M1H3	M1	H3	1	4.47
M0H0	M0	H0	2	3.25
M0H1	M0	H1	2	3.60
M0H2	M0	H2	2	3.11
M0H3	M0	H3	2	3.33
M1H0	M1	H0	2	2.65
M1H1	M1	H1	2	2.31
M1H2	M1	H2	2	4.90
M1H3	M1	H3	2	4.80
M0H0	M0	H0	3	2.68
M0H1	M0	H1	3	3.45
M0H2	M0	H2	3	3.06
M0H3	M0	H3	3	2.68
M1H0	M1	H0	3	3.00
M1H1	M1	H1	3	3.45
M1H2	M1	H2	3	3.59
M1H3	M1	H3	3	3.09

Lampiran 12.Daftar Sidik Ragam Pertumbuhan Jumlah Daun Pisang barangan Merah Hasil Olah SPSS (helai)

Tests of Between-Subjects Effects

Dependent Variable: Jumlah daun (helai)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.714[a]	9	.746	3.300	.022
Intercept	283.594	1	283.594	1254.473	.000
M	.583	1	.583	2.578	.131
H	2.310	3	.770	3.407	.048
M * H	2.488	3	.829	3.669	.039
Blok	1.332	2	.666	2.946	.086
Error	3.165	14	.226		
Total	293.472	24			
Corrected Total	9.878	23			

a. R Squared = .680 (Adjusted R Squared = .474)

Jumlah daun (helai)

Duncan[a,b]

ZPT	N	Subset 1	Subset 2
H0 (kontrol)	6	2.9983	
H1 (2,5 ml/1 L)	6	3.3017	3.3017
H3 (7,5 ml/1 L	6		3.6600
H2 (5 ml/1 L)	6		3.7900
Sig.		.288	.112

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .226.
a. Uses Harmonic Mean Sample Size = 6.000.
b. Alpha = 0.05.

Jumlah daun (helai)

Duncan[a,b]

Blok	N	Subset 1	Subset 2
Ulangan 3	8	3.1250	
Ulangan 2	8	3.4938	3.4938
Ulangan I	8		3.6938
Sig.		.143	.414

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .226.
a. Uses Harmonic Mean Sample Size = 8.000.
b. Alpha = 0.05.

Lampiran 13. Dokumentasi Penelitian

Gambar 1. Bonggol Pisang Barangan Merah

Gambar 2. Media tanam Sekam Padi

Gambar 3. Zat Pengatur Tumbuh (ZPT)

Gambar 4. Lapangan Penelitian

Gambar 5. Perendaman menggunakan ZPT

Gambar 6. Persiapan Penanaman

Gambar 7. Penanaman

Gambar 8. Hasil Peneletian plot Perlakuan M0H0

Gambar 9. Hasil Penelitian Plot Perlakuan M0H1

Gambar 10. Hasil Penelitian Plot Perlakuan M0H2

Gambar 11. Hasil Penelitian Plot Perlakuan M0H3

Gambar 12. Hasil Penelitian Plot Perlakuan M1H0

Gambar 13. Hasil Penelitian Plot Perlakuan M1H1

Gambar 14. Hasil Penelitian Plot Perlakuan M1H2

Gambar 15. Hasil Penelitian Plot Perlakuan M1H3