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LAMPIRAN

Lampiran 1 Tabel Analisis RAK Jumlah Cabang

Tabel Lampiran 1.a Jumlah Cabang

Perlakuan	Kelompok					Total	rata-rata
	I	II	III	IV	V		
K ₀	5	4	5	6	1	21	4.2
AS ₁ PA ₁	6	4	3	3	7	23	4.6
AS ₂ PA ₂	6	2	5	6	3	22	4.4
AS ₁ PS ₁	6	5	4	6	7	28	5.6
AS ₂ PS ₂	3	6	4	3	3	19	3.8
AS ₃ PA ₃ PS ₃	4	4	6	5	5	24	4.8
AS ₄ PA ₄ PS ₄	6	4	4	3	5	22	4.4

Tabel Lampiran 1.b Sidik Ragam Rata-rata Jumlah Cabang

SK	DB	JK	KT	F- HITUNG	Ket.	F-TABEL	
						0.05	0.01
kelompok	4	3.829	0.957	0.400	tn	2.78	4.22
perlakuan	6	9.486	1.581	0.661	tn	2.51	3.67
galat	24	57.371	2.390				
Total	34	70.686					

Keterangan: tn= Berpengaruh Tidak Nyata



Lampiran 2 Tabel Analisis RAK Panjang Cabang

Tabel Lampiran 2.a Rata-rata Panjang Cabang

Perlakuan	Kelompok					Total	rata-rata
	I	II	II	IV	V		
K ₀	8.2	12.4	16.0	19.1	25.1	80.75	16.15
AS ₁ PA ₁	6.8	8.6	22.6	6.8	9.6	54.36	10.87
AS ₂ PA ₂	5.6	5.2	3.3	7.4	15.7	37.15	7.43
AS ₁ PS ₁	6.83	12.60	7.00	8.28	13.86	48.57	9.71
AS ₂ PS ₂	10.40	6.92	15.75	34.33	23.20	90.60	18.12
AS ₃ PA ₃ PS ₃	6.25	17.28	22.8	15.8	29.8	91.93	18.39
AS ₄ PA ₄ PS ₄	9.25	12.875	18.38	18	33.4	91.91	18.38

Tabel Lampiran 2.b Sidik Ragam Rata-rata Panjang Cabang

SK	DB	JK	KT	F-HITUNG	Ket.	F-TABEL	
						0.05	0.01
kelompok	4	778.2	194.5	5.7	**	2.78	4.22
perlakuan	6	656.0	109.3	3.2	*	2.51	3.67
galat	24	824.5	34.4				
Total	34	2258.6					

Keterangan: *= Berpengaruh Nyata

**= Berpengaruh Sangat Nyata



Lampiran 3 Tabel Analisis RAK Jumlah Tangkai

Tabel Lampiran 3.a Jumlah Tangkai

Perlakuan	Kelompok					Total	rata-rata
	I	II	III	IV	V		
K ₀	4.6	8.5	6.2	5.5	6	30.80	6.16
AS ₁ PA ₁	5.0	7.8	12.7	6.7	6.1	38.23	7.65
AS ₂ PA ₂	5.5	7.1	7.5	6.7	8.7	35.45	7.09
AS ₁ PS ₁	6.6	9.4	3.8	5.8	9.57	35.15	7.03
AS ₂ PS ₂	8.50	10.20	11.10	10.60	12.4	52.80	10.56
AS ₃ PA ₃ PS ₃	8.5	10.3	10.45	10.6	12.4	52.25	10.45
AS ₄ PA ₄ PS ₄	6.83	8.75	9.90	9.33	14.60	49.42	9.88

Tabel Lampiran 3.b Sidik Ragam Rata-rata Jumlah Tangkai

SK	DB	JK	KT	F-HITUNG	Ket.	F-TABEL	
						0.05	0.01
kelompok	4	46.7	11.7	3.7	*	2.78	4.22
perlakuan	6	101.2	16.9	5.3	**	2.51	3.67
galat	24	75.7	3.2				
Total	34	223.7					

Keterangan: *= Berpengaruh Nyata

**= Berpengaruh Sangat Nyata



Lampiran 4 Tabel Analisis RAK Jumlah Daun

Tabel Lampiran 4.a Jumlah Daun

Perlakuan	Kelompok		Total	Rata-rata
	1	2		
K ₀	162.00	158.00	320.00	160.00
AS ₁ PA ₁	149.00	157.00	306.00	153.00
AS ₂ PA ₂	325.00	317.00	642.00	321.00
AS ₁ PS ₁	193.00	179.00	372.00	186.00
AS ₂ PS ₂	301.00	311.00	612.00	306.00
AS ₃ PA ₃ PS ₃	369.00	364.00	733.00	366.50
AS ₃ PA ₃ PS ₃	273.00	239.00	512.00	256.00
Total	1772.00	1725.00	3497.00	

Tabel Lampiran 4.b Sidik Ragam Rata-rata Jumlah Daun

SK	DB	JK	KT	F-Hitung	Ket.	F-tabel	
						0.05	0.01
Kelompok	1	157.79	157.79	1.450427	tn	5.99	13.75
perlakuan	6	86779.86	14463.31	132.9523	**	4.28	8.47
galat	6	652.71	108.79				
Total	13	87590.36					

Keterangan: tn = Tidak Nyata

**= Berpengaruh Sangat Nyata



Lampiran 5 Tabel Analisis RAK Biomassa Tanaman
Tabel Lampiran 5.a Biomassa Tanaman

Perlakuan	Kelompok		Total	Rata-rata
	1	2		
K ₀	4.90	5.00	9.90	4.95
AS ₁ PA ₁	2.90	3.20	6.10	3.05
AS ₂ PA ₂	7.50	10.30	17.80	8.90
AS ₁ PS ₁	7.70	7.90	15.60	7.80
AS ₂ PS ₂	12.60	11.70	24.30	12.15
AS ₃ PA ₃ PS ₃	12.60	18.70	31.30	15.65
AS ₄ PA ₄ PS ₄	9.20	11.70	20.90	10.45
Total	57.40	68.50	125.90	

Tabel Lampiran 5.b Sidik Ragam Rata-rata Biomassa Tanaman

SK	DB	JK	KT	F-Hitung	Ket.	F-tabel	
						0.05	0.01
Kelompok	1	8.80	8.80	3.047992	tn	5.99	13.75
perlakuan	6	219.00	36.50	12.64146	**	4.28	8.47
galat	6	17.32	2.89				
Total	13	245.13					



Lampiran 6. Analisis Tanah di Laboratorium

Tabel Lampiran 6.a Analisis Tanah Sebelum Perlakuan

Sifat Kimia Tanah	Nilai	Kriteria
pH (H ₂ O)	6,12	Netral
C-Organik	1,72%	Rendah
Kapasitas Tukar Kation	17,72 cmol/kg	Rendah
N-Total	0,12 %	Sedang
P-Tersedia	8,53 ppm	Rendah
K-Total	0,19 cmol/kg	Tinggi

Tabel Lampiran 6.b Analisis Tanah Setelah Perlakuan

PERLAKUAN	pH	C-Organik (%)	KTK (cmol/kg)	N (%)	P (ppm)	K (cmol/kg)
K ₀	6.11	1.68	15.83	0.14	8.82	0.21
AS ₁ PA ₁	5.79	2.29	22.99	0.36	11.18	0.23
AS ₂ PA ₂	5.75	2.31	23.56	0.50	13.25	0.41
AS ₁ PS ₁	5.79	2.29	22.05	0.24	14.55	0.26
AS ₂ PS ₂	5.95	2.30	23.79	0.29	14.66	0.45
AS ₃ PA ₃ PS ₃	6.18	2.41	28.46	0.52	16.46	0.52
AS ₄ PA ₄ PS ₄	5.74	2.43	29.02	0.55	15.83	0.64



Lampiran 7. Pengukuran Lapangan

Tabel Lampiran 7.a Jumlah Cabang

Perlakuan	Panjang Cabang				
	Kelompok 1	Kelompok 2	Kelompok 3	Kelompok 4	Kelompok 5
K_0	5	4	5	6	1
AS_1PA_1	6	4	3	3	7
AS_2PA_2	6	2	5	6	3
AS_1PS_1	6	5	4	6	7
AS_2PS_2	3	6	4	3	3
$AS_3PA_3PS_3$	4	4	6	5	5
$AS_4PA_4PS_4$	6	4	4	3	5



7.b Panjang Cabang

Perlakuan	Cabang	Panjang Cabang																			
		Kelompok 1				Kelompok 2				Kelompok 3				Kelompok 4				Kelompok 5			
		M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8
K ₀	1	6.5	6.5	6.5	10	1	1	1	1	9.5	0	0	0	2	2.7	2.7	2.7	1.2	1.7	2.5	6
	2	3.5	3.5	3.5	3.5	4.5	4.5	4.7	7	1.5	0	0	0	1	1.2	1.2	1.2	5	5.1	5.4	6
	3	6.5	6.8	10.4	13.5	5	5.3	8.4	20	5	0	0	0	6	5.3	5.5	8	4.5	4.9	5	6
	4	0	0	2.5	2.5	5.8	5.7	7.4	12	6.8	0	0	0	7	7.5	7.9	9	4.2	5.3	5.5	10
	5	0	0	4	2.5					6.5	0	0	0	7.8	7.8	8.2	9				
	6													8.5	8.5	9.1	11.5				
AS ₁ PA ₁	1	2.5	2.5	2.5	17	3.5	4.4	5.5	6	3.5	3.8	6.9	11.7	2.5	4.2	4.2	5	0.4	0.5	0.5	2
	2	1.3	1.3	1.5	3	6.3	6.5	6.5	9	10.5	11.4	13.3	36	4.7	5	5	6	3.5	3.5	3.6	4
	3	5	5	5	5	8.5	9.4	9.5	9.5	5	5	6	20	5.9	6.1	6.2	9.5	4.4	4.4	4.4	6
	4	8.5	8.5	8.5	8.5	10	9.9	10	10									4	4	6	19.5
	5	1.4	1.9	7	7													4.8	5	5	6
	6	5	5	0	0													7.5	7.7	10.5	25
	7																	4.5	4.5	4.6	4.6
AS ₂ PA ₂	1	1.2	1.2	1.2	2	7.4	0	0	0	9.4	9.6	0	0	4	0	0	0	6.9	10	14	40
	2	1.8	1.8	1.9	6	10.4	0	0	0	2.5	2.6	0	0	1.5	4.7	0	0	5	5	5	7
	3	6.2	6.2	6.3	9					6	6.9	0	0	11	11.2	0	0	0.1	0	0	0
	4	3.7	3.8	3.8	4					5.5	5.5	0	0	4.7	6.7	0	0				
	5	5	5	5	5.5					4.7	4.8	0	0	4.9	0	0	0				
	6	4.8	4.9	4.9	7									3.5	3.5	0	0				
AS ₂ PA ₂	1	1.2	1.2	1.2	2	7.4	0	0	0	9.4	9.6	0	0	4	0	0	0	6.9	10	14	40
	2	1.8	1.8	1.9	6	10.4	0	0	0	2.5	2.6	0	0	1.5	4.7	0	0	5	5	5	7
	3	6.2	6.2	6.3	9					6	6.9	0	0	11	11.2	0	0	0.1	0	0	0
	4	3.7	3.8	3.8	4					5.5	5.5	0	0	4.7	6.7	0	0				
	5	5	5	5	5.5					4.7	4.8	0	0	4.9	0	0	0				
	6	4.8	4.9	4.9	7									3.5	3.5	0	0				



AS ₂ PS ₂	1	2	2.2	2.2	0	10.2	10.4	10.5	13.5	6.7	5.7	9.5	24	12	12.9	17	39	2	2	0	0
	2	4.7	4.7	4.7	0	2.5	2.7	2.7	5	5.8	5.8	5.8	6	15.5	15.5	16	32	14	14	0	0
	3	3.8	4.2	4.7	0	8.5	8.7	9	11	12.2	11.7	12.5	23	12.7	12.9	17	32	9	9.6	0	0
	4					8	8.4	8.5	12	6.5	6.7	7	10								
	5					6.5	10.2	0	0												
	6					4	6.2	0	0												
AS ₃ PA ₃ PS ₃	1	1.8	0	0	0	2.3	0	0	0	0.3	0	0	0	10	11	0	0	4.2	4.5	11	29
	2	3	3.7	4	7.5	2.5	0	0	0	0.6	0	0	0	11.3	11.9	13	29	16.2	16.3	19.6	30
	3	11	12.5	15.5	3	5.5	0	0	0	9	0	0	0	9.8	10.4	12	25	15	15	16.8	31
	4	10.5	10.5	10.5	14.5	9.5	0	0	0	7	0	0	0	6.5	7.9	8	13	12.2	12.2	16	30
	5									12	0	0	0	5.3	6.2	6.5	12	20.5	20.9	23	29
	6									4	0	0	0								
AS ₄ PA ₄ PS ₄	1	2.6	2.7	2.7	14	4	4.4	6.5	9	3	2.8	0	0	3	2.8	0	0	4	7.2	19	43
	2	4.6	4.7	4.7	13.5	2.7	3.4	6	7	2	3.5	0	0	2	3.5	0	0	9	9.2	16	30
	3	2.5	2.7	2.7	7	9.3	11.4	16	21.5	3.8	4	0	0	3.8	4	0	0	6.8	7.5	15	34
	4	6	6	6.1	8	7	8.3	13	14	3.8	0	0	0	3.8	0	0	0	5.3	5.6	12.6	25
	5	5.5	5.6	5.3	7													6	6.3	10	35
	6	4.5	4.7	5.1	6																



7.c. Jumlah Tangkai

Perlakuan	Cabang	Jumlah Tangkai																				
		Kelompok 1				Kelompok 2				Kelompok 3				Kelompok 4				Kelompok 5				
		M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8	M2	M4	M6	M8	
K ₀	1	3	3	6	5	2	2	2	2	1	0	0	0	3	3	3	3	1	1	3	4	
	2	4	4	4	4	4	5	7	7	4	0	0	0	1	1	1	1	5	5	5	5	
	3	5	5	7	7	5	5	10	13	3	0	0	0	3	4	4	7	2	3	5	5	
	4	0	0	2	2	4	4	8	12	3	0	0	0	3	5	5	6	3	6	7	10	
	5	0	0	5	5						3	0	0	0	4	5	5	6				
	6														4	5	7	10				
AS ₁ PA ₁	1	2	2	2	10	3	3	3	3	4	5	6	7	2	5	5	6	4	4	2	2	
	2	2	2	2	3	4	4	4	9	7	9	9	18	4	6	6	6	4	4	3	3	
	3	1	1	5	4	5	5	5	10	4	5	8	13	6	6	7	8	4	4	5	5	
	4	5	5	5	8	6	6	6	9									4	4	7	11	
	5	3	3	4	5													3	4	5	6	
	6	4	4	0	0													4	5	7	13	
	7																	3	3	3	3	
AS ₂ PA ₂	1	1	1	1	2	5	0	0	0	4	4	0	0	1	0	0	0	4	5	8	17	
	2	1	1	2	6	5	0	0	0	2	2	0	0	1	3	0	0	3	6	6	9	
	3	4	4	4	8					3	4	0	0	1	0	0	0	0	0	0	0	
	4	4	4	4	4					0	3	0	0	5	3	0	0					
	5	4	4	5	5					0	3	0	0	3	0	0	0					
	6	4	4	6	8									4	3	0	0					
	1	2	2	2	2	3	3	5	8	4	4	4	5	1	1	0	0	3	4	4	4	
	6	6	7	13	3	3	7	10	3	3	3	3	3	3	4	5	7	3	5	6	12	
	3	4	5	10	2	4	6	9	4	4	4	4	2	4	5	5	4	4,3	5	9		
	4	4	4	4	3	6	6	9	3	3	3	3	6	7	7	8	1	1	9	9		
	3	3	5	4	6	6	11	11						4	7	8	10	3	4	5	5	
															3	3	3	5	7	7	8	11



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	7																	5	5	5	17
AS ₂ PS ₂	1	2	3	3	0	4	4	4	6	4	4	8	16	6	7	10	17	1	1	0	0
	2	4	5	5	0	3	3	3	5	6	5	6	8	6	7	7	10	3	5	0	0
	3	4	4	4	0	6	6	6	7	6	5	6	8	6	6	10	13	5	6	0	0
	4					5	5	6	8	5	5	6	8								
	5					2	2	0	0												
	6					2	2	0	0												
	7																				
AS ₃ PA ₃ PS ₃	1	1	0	0	0	1	0	0	0	0	0	0	0	2	4	0	0	3	3	3	10
	2	3	4	4	7	2	0	0	0	1	0	0	0	5	6	9	17	7	8	8	12
	3	8	8	9	16	3	0	0	0	4	0	0	0	6	8	9	16	7	7	9	15
	4	8	8	7	11	2	0	0	0	3	0	0	0	5	8	8	9	8	8	8	13
	5									3	0	0	0	4	6	8	11	10	10	10	12
	6									6	0	0	0								
AS ₄ PA ₄ PS ₄	1	3	4	4	7	4	3	5	7	3	3	0	0	7	7	7	14	3	5	5	9
	2	4	4	4	8	2	4	7	6	2	2	0	0	1	1	1	1	6	6	8	14
	3	2	2	2	6	5	7	7	11	3	1	0	0	6	6	6	13	4	6	10	20
	4	5	5	5	8	5	8	11	11	4	0	0	0					3	4	7	13
	5	5	5	5	6													4	6	5	17
	6	4	4	4	6																



7.d Curah Hujan Petea

DATA RAIN FALL PETEA 2019

	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily
Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nop	Dec
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1	15.8	4.2	42	3.4	0.4	33	13	16.00	0	0	0	0
2	10.4	0	37	16.9	1	78.2	1	0	0	0	4	0
3	7.8	0	29.4	18.4	0	19.8	0.4	0	0	15	0	0
4	0.4	0	0.8	7.4	0	14.4	0.4	0.6	0	6.8	0	0
5	6.6	21.6	0.2	0.4	0.6	10	0.4	0	0	0.5	0	0
6	21	14.8	8	14.6	4	8.8	0	0	1.2	1	0	0
7	24.8	6.2	2.6	3.1	0.2	43	0	0	0	0.1	0	0
8	0.6	0.4	1.6	12.2	0	50.3	0	0	0	0	0	0
9	6.6	16.6	1.2	0.8	22	22	0.8	0	0	0	5.4	0
10	0	5.4	3.2	0.8	0	16.6	0.4	0	0	0	0	0
11	3	39.6	3.8	0.2	0.8	1	0	0	0	0	18.2	0
12	0.8	8	18	1	1.2	31	11.4	0	0	0.1	4	0
13	0.4	58	2	0	10.4	15	18.2	0	0	0	0.2	0
14	55.6	0.6	5	25.6	2	2	6.4	0	0	0	0	0
15	3.2	4	7	25.6	1.4	0	1	0	0	5.4	0	0
16	30	3.8	0	45.2	0	47.4	4.6	0	0	5.8	0	0
17	0.4	1	0	8.6	0.6	57.6	2.6	0	0	2	0	0
18	0.1	11.8	0	11.4	0.2	2.6	4	0	0	0	0	0
19	0	0	0	0	0	51	1.8	0	0	0	0	0
20	4.8	0	0	29	4.3	3.8	3.2	0	0	0	0	0
		1	18.4	1.6	25	3.8	0	0	0	1.4	0	0
		16.4	1.2	7.8	14	7	0	0	0	1	0	0
		29.8	0	17.4	0	1.4	0	0	4	0	0	0
		31.6	0	18.8	0.6	0	0	0	0.2	0	0	0
		10.6	1.8	10.4	2.8	0	0	0	0.6	4	0	0
		0	1.4	1	25	0	0	0	6	6	0	0



27	0	14.8	8	11.8	0.2	3	12.00	0	19.6	0	0	0
28	1.4	1	13.2	25.2	12.4	6	0.40	0	1.6	0	0	0
29	2	1	18	111.4	3.2	0.6	0.00	0	0.2	0	0	0
30	4.4	1	2	0	3.2	4	0.00	0	0	0	0	0
31	0.6	1	10	111.4	8.2	0.6	16.00	0	0.2	20	0	0
Total	209.1	301.2	235.8	430	143.7	533.3	98	16.6	33.4	69.1	31.8	0
Mean	6.745161	10.75714	7.606452	14.33333	4.635484	17.77667	3.16129	0.535484	1.113333	2.229032	1.06	0
Max	55.6	58	42	111.4	25	78.2	18.2	16	19.6	20	18.2	0
Min	0	0	0	0	0	0	0	0	0	0	0	0



7.e Kadar Air

Perlakuan	Berat Basah	Berat Kering			
		Pengukuran I	Pengukuran II	Pengukuran III	Pengukuran IV
K ₀	50	37.6	33.8	33.6	33.7
AS ₁ PA ₁	50	34.2	32.5	32.4	31.5
AS ₂ PA ₂	50	33.7	32.3	29.6	29.9
AS ₁ PS ₁	50	35.7	29.1	32.2	31.8
AS ₂ PS ₂	50	32.9	33.9	34.7	33.4
AS ₃ PA ₃ PS ₃	50	33.7	29	29.3	29.2
AS ₄ PA ₄ PS ₄	50	36	33.6	31.6	32.6

7.f Pengukuran Kadar Air Tanah

Perlakuan	Pengukuran 1		Pengukuran 2		Pengukuran 3		Pengukuran 4	
	BB-BK	BS/BB*100	BB-BK	BS/BB*100	BB-BK	BS/BB*100	BB-BK	BS/BB*100
K ₀	12.4	24.8	16.2	32.4	16.4	32.8	16.3	32.6
AS ₁ PA ₁	15.8	31.6	17.5	35	17.6	35.2	18.5	37
AS ₂ PA ₂	16.3	32.6	17.7	35.4	20.4	40.8	20.1	40.2
AS ₁ PS ₁	14.3	28.6	20.9	41.8	17.8	35.6	18.2	36.4
AS ₂ PS ₂	17.1	34.2	16.1	32.2	15.3	30.6	16.6	33.2
AS ₃ PA ₃ PS ₃	16.3	32.6	21	42	20.7	41.4	20.8	41.6
AS ₄ PA ₄ PS ₄	14	28	16.4	32.8	18.4	36.8	17.4	34.8



Lampiran 8. Tahapan Penelitian



Gambar 8.a Pengambilan bibi



Gambar 8.b Pengangkutan bibit gamal



Gambar 8.c Pembersihan



Gambar 8.d Penanaman bibit



Optimization Software:
www.balesio.com



Gambar 8.e Pembibitan



Gambar 8.f Ampas sago



Gambar 8.g Penimbangan



Gambar 8.h Pengemasan pupuk organik





Gambar 8.i Penggalian lubang



Gambar 8.j Pemberian pupuk



Gambar 8.k Pencampuran pupuk organik pada lubang



Gambar 8.l Penanaman Lapangan





Gambar 8.m Penanaman



Gambar 8.n Lokasi penelitian



Gambar 8.o Pengambilan sampel awal



Gambar 8.p Pengambilan sampel akhir

