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LAMPIRAN

Tabel lampiran 1a. Tinggi padi H+55

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	63.60	53.20	59.00	175.80	58.60
N1	56.40	56.20	60.60	173.20	57.73
N2	61.20	59.80	64.20	185.20	61.73
N3	58.40	71.60	68.40	198.40	66.13
Total	239.60	240.80	252.20	732.60	61.05

Tabel lampiran 1b. Sidik ragam tinggi padi H+55

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	24.18	12.09	0.492063		5.143253	10.92477
Perlakuan	3	129.93	43.31	1.762719		4.757063	9.779538
Galat	6	147.42	24.57				
Total	11	301.53					
KK:	8%						

Tabel lampiran 2a. Tinggi tanaman panen

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	83.60	88.20	83.00	254.80	84.93
N1	87.40	80.20	84.80	252.40	84.13
N2	91.00	88.60	84.20	263.80	87.93
N3	95.40	83.20	89.40	268.00	89.33
Total	357.4	340.2	341.4	1039	87

Tabel lampiran 2b. Sidik ragam tinggi tanaman panen

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	46.10667	23.05333	1.457841		5.143253	10.92477
Perlakuan	3	54.33	18.11	1.145236		4.757063	9.779538
Galat	6	94.88	15.81333				
Total	11	195.3167					
KK:	5%						

Tabel lampiran 3a. Anakan perumpun

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	9.20	14.20	13.00	36.40	12.03
N1	15.20	14.00	10.40	39.60	13.12
N2	12.40	22.40	11.20	46.00	14.95
N3	15.00	14.60	10.00	39.60	13.10
Total	51.80	65.20	44.60	161.60	13.28

Tabel Lampiran 3b. Anakan perumpun data transformasi

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	3.08	3.82	3.66	10.56	3.52
N1	3.95	3.79	3.27	11.02	3.67
N2	3.57	4.78	3.40	11.75	3.92
N3	3.92	3.87	3.21	11.01	3.67
Total	14.52621	16.2638	13.53937	44.32939	3.69

Tabel Lampiran 3c. Sidik ragam anakan perumpun data transformasi

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.951301	0.47565	2.719752		5.143253	10.92477
Perlakuan	3	0.244402	0.081467	0.465828		4.757063	9.779538
Galat	6	1.049324	0.174887				
Total	11	2.245028					
KK:	11%						

Tabel lampiran 4a. Anakan produktif

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	9.60	10.40	11.20	31.20	10.39
N1	15.00	11.60	10.80	37.40	12.40
N2	12.40	17.20	9.00	38.60	12.65
N3	15.20	13.00	8.80	37.00	12.18
Total	52.2	52.2	39.8	144.2	11.91

Tabel Lampiran 4b. Anakan produktif transformasi

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	3.15	3.27	3.40	9.82	3.27
N1	3.92	3.46	3.34	10.72	3.57
N2	3.57	4.20	3.05	10.82	3.61
N3	3.95	3.66	3.02	10.62	3.54
Total	14.59145	14.58362	12.79945	41.97453	3

Tabel Lampiran 4c. Sidik ragam anakan produktif transformasi

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.53288	0.26644	1.986915		5.143253	10.92477
Perlakuan	3	0.208254	0.069418	0.517669		4.757063	9.779538
Galat	6	0.804584	0.134097				
Total	11	1.545717					
KK:	10%						

Tabel lampiran 5a. Panjang malai

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	17.40	21.60	19.40	58.40	19.47
N1	19.20	20.00	20.60	59.80	19.93
N2	19.00	17.80	18.40	55.20	18.40
N3	21.60	19.00	18.80	59.40	19.80
Total	77.20	78.40	77.20	232.80	19.40

Tabel lampiran 5b. Sidik ragam Panjang malai

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.24	0.12	0.047452		5.143253	10.92477
Perlakuan	3	4.346667	1.448889	0.572935		4.757063	9.779538
Galat	6	15.17333	2.528889				
Total	11	19.76					
KK:	8%						

Tabel Lampiran 6a. Bobot 1000 gabah (gram)

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	20.76	15.05	21.56	57.37	19.12
N1	24.50	23.02	26.70	74.22	24.74
N2	27.88	16.14	20.84	64.86	21.62
N3	23.92	24.8	25.04	73.76	24.59
Total	97.06	79.01	94.14	270.21	

Tabel Lampiran 6a. Sidik ragam bobot 1000 gabah (gram)

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	46.93715	23.46858	2.530287		5.143253	10.92477
Perlakuan	3	64.64049	21.54683	2.323092		4.757063	9.779538
Galat	6	55.65038	9.275064				
Total	11	167.228					
KK		14%					

Tabel Lampiran 7a. Bobot gabah per petak (kilogram)

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	8.20	5.80	8.20	22.20	7.40
N1	9.40	5.20	9.60	24.20	8.07
N2	12.00	9.00	5.90	26.90	8.97
N3	8.10	11.20	5.90	25.20	8.40
Total	37.70	31.20	29.60	98.50	8.21

Tabel Lampiran 7b. Bobot gabah per petak (kilogram) transformasi

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	2.91	2.46	2.91	8.29	2.76
N1	3.12	2.33	3.15	8.59	2.86
N2	3.51	3.05	2.48	9.04	3.01
N3	2.90	3.40	2.48	8.77	2.92
Total	12.44	11.24	11.02	34.69	2.89

Tabel Lampiran 7c. Sidik ragam bobot gabah per petak (kilogram) transformasi

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.292705	0.146352	0.711355		5.143253	10.92477
Perlakuan	3	0.101012	0.033671	0.163659		4.757063	9.779538
Galat	6	1.234424	0.205737				
Total	11	1.628141					
KK		16%					

Tabel Lampiran 8a. Berat kering panen

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	16.51	28.94	22.13	67.58	22.24
N1	24.50	20.94	20.55	65.99	21.96
N2	32.35	46.00	25.74	104.09	34.20
N3	33.47	29.75	20.45	83.67	27.60
Total	106.83	125.63	88.87	321.33	26.50

Tabel Lampiran 8b. Berat kering panen transformasi

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	4.11	5.43	4.754253	14.30	4.77
N1	5.00	4.63	4.583211	14.21	4.74
N2	5.74	6.83	5.12346	17.69	5.90
N3	5.84	5.50	4.572168	15.91	5.30
Total	20.69	22.39	19.03	62.11	5.18

Tabel Lampiran 8c. Sidik ragam berat kering panen transformasi

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	1.410655	0.705327	2.20699		5.143253	10.92477
Perlakuan	3	2.697217	0.899072	2.813224		4.757063	9.779538
Galat	6	1.917528	0.319588				
Total	11	6.025399					
KK:		11%					

Tabel Lampiran 9a. Analisis klorofil daun
Klorofil A

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	13.22	14.87	12.54	40.63	13.54
N1	13.64	9.13	15.98	38.75	12.92
N2	14.42	12.57	15.15	42.13	14.04
N3	12.51	13.46	13.90	39.87	13.29
Total	53.78	50.03	57.57	161.38	13.45

Klorofil B

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	8.6	9.5	8.4	26.5	8.8
N1	8.8	7.4	10.2	26.5	8.8
N2	9.2	8.4	9.6	27.2	9.1
N3	8.4	8.8	9.0	26.1	8.7
Total	35.1	34.0	37.2	106.3	8.9

Klorofil Total

Perlakuan (P)	Kelompok			Total	Rata-rata
	I	II	III		
N0	15.94	17.82	15.20	48.97	16.32
N1	16.41	11.69	19.12	47.23	15.74
N2	17.30	15.23	18.14	50.68	16.89
N3	15.17	16.22	16.71	48.09	16.03
Total	64.83	60.96	69.18	194.97	16.25

Tabel Lampiran 9b. Sidik ragam analisis klorofil daun
Klorofil A

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	7.097568	3.548784	0.867769		5.143253	10.92477
Perlakuan	3	2.017173	0.672391	0.164417		4.757063	9.779538
Galat	6	24.53728	4.089547				
Total	11	33.65202					
KK:	15%						

Klorofil B

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	1.276108	0.638054	0.901336		5.143253	10.92477
Perlakuan	3	0.246586	0.082195	0.116112		4.757063	9.779538
Galat	6	4.247386	0.707898				
Total	11	5.770079					
KK:	10%						

Klorofil Total

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	8.447673	4.223837	0.867844		5.143253	10.92477
Perlakuan	3	2.163564	0.721188	0.148178		4.757063	9.779538
Galat	6	29.20227	4.867044				
Total	11	39.8135					
KK:	14%						

Tabel Lampiran 10a. Kelangsungan hidup ikan

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	23	28	30	81	27.00
N1	29	25	29	83	27.67
N2	27	30	30	87	29.00
N3	27	29	30	86	28.67
Total	106	112	119	337	

Tabel Lampiran 10b. Sidik ragam kelangsungan hidup ikan

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	21.16667	10.58333	2.426752		5.143253	10.92477
Perlakuan	3	7.583333	2.527778	0.579618		4.757063	9.779538
Galat	6	26.16667	4.361111				
Total	11	54.91667					
KK	7%						

Tabel Lampiran 11a. Bobot ikan H+38

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	21.33	18.67	17.67	57.67	19.22
N1	65.00	53.00	58.67	176.67	58.89
N2	66.00	42.33	48.00	156.33	52.11
N3	48.00	44.33	43.67	136.00	45.33
Total	200.33	158.33	168.00	526.67	

Tabel Lampiran 11b. Sidik ragam bobot ikan H+38

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	241.9074	120.9537	4.723273		5.143253	10.92477
Perlakuan	3	2709.407	903.1358	35.26769		4.757063	9.779538
Galat	6	153.6481	25.60802				
Total	11	3104.963					
KK		12%					

Tabel Lampiran 12a. Analisis feses ikan

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	4.94	4.09	4.62	13.65	4.55
N1	2.09	3.02	1.44	6.55	2.18
N2	8.47	7.85	7.45	23.77	7.92
N3	4.64	2.32	2.14	9.1	3.03
Total	20.14	17.28	15.65	53.07	

Tabel Lampiran 12b. Sidik ragam analisis feses ikan

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	2.58305	1.291525	2.237472		5.143253	10.92477
Perlakuan	3	57.64723	19.21574	33.28986		4.757063	9.779538
Galat	6	3.46335	0.577225				
Total	11	63.69363					
KK		17%					

Tabel Lampiran 13a. Analisis nitrogen daun

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	0.31	0.24	0.22	0.77	0.26
N1	0.28	0.31	0.26	0.85	0.28
N2	0.27	0.24	0.24	0.75	0.25
N3	0.22	0.19	0.15	0.56	0.19
Total	1.08	0.98	0.87	2.93	

Tabel Lampiran 13b. Sidik ragam analisis nitrogen daun

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.005517	0.002758	5.040609		5.143253	10.92477
Perlakuan	3	0.015092	0.005031	9.192893		4.757063	9.779538
Galat	6	0.003283	0.000547				
Total	11	0.023892					
KK	9%						

Tabel Lampiran 14a. Analisis nitrogen tanah

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	0.12	0.09	0.08	0.29	0.10
N1	0.41	0.49	0.39	1.29	0.43
N2	0.5	0.41	0.36	1.27	0.42
N3	0.51	0.42	0.38	1.31	0.44
Total	1.54	1.41	1.21	4.16	

Tabel Lampiran 14b. Sidik ragam analisis nitrogen tanah

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.013817	0.006908	3.578417		5.143253	10.92477
Perlakuan	3	0.250267	0.083422	43.21151		4.757063	9.779538
Galat	6	0.011583	0.001931				
Total	11	0.275667					
KK	13%						

Tabel Lampiran 15a. Bobot ikan panen

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	58.00	71.00	65.67	194.67	64.89
N1	81.67	86.00	86.33	254.00	84.67
N2	107.33	128.00	126.33	361.67	120.56
N3	100.33	112.33	115.33	328.00	109.33
Total	347.33	397.33	393.67	1138.33	

Tabel Lampiran 15b. Sidik ragam bobot ikan panen

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	388.3519	194.1759	11.62258		5.143253	10.92477
Perlakuan	3	5615.731	1871.91	112.0449		4.757063	9.779538
Galat	6	100.2407	16.70679				
Total	11	6104.324					
KK		4%					

Tabel Lampiran 16a. Analisis protein ikan panen

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	11.96	13.86	13.21	39.03	13.01
N1	15.39	15.86	16.04	47.29	15.76
N2	17.77	20.07	19.83	57.67	19.22
N3	17.43	18.28	18.49	54.2	18.07
Total	62.55	68.07	67.57	198.19	

Tabel Lampiran 16b. Sidik ragam analisis protein ikan panen

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	4.660067	2.330033	11.11893		5.143253	10.92477
Perlakuan	3	67.77829	22.59276	107.8128		4.757063	9.779538
Galat	6	1.257333	0.209556				
Total	11	73.69569					
KK		3%					

Tabel Lampiran 17a. Analisis data imortal

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	88.2	91.8	90	270	90.0
N1	87.6	95	94	276.6	92.2
N2	94.6	97.2	98.2	290	96.7
N3	92	97.4	97.4	286.8	95.6
Total	362.4	381.4	379.6	1123.4	374.5

Tabel Lampiran 17b. Sidik ragam data imortal

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	55.00667	27.50333	16.40358		5.143253	10.92477
Perlakuan	3	84.97	28.32333	16.89264		4.757063	9.779538
Galat	6	10.06	1.676667				
Total	11	150.0367					
KK:		1%					

Tabel Lampran 18a. Analisis SGR

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	64.4	57	61.4	182.8	60.9
N1	87.6	83	78.2	248.8	82.9
N2	127.0	121.8	119.6	368.4	122.8
N3	115.2	105.8	110	331	110.3
Total	394.2	367.6	369.2	1131	377.0

Tabel Lampiran 18b.Sidik ragam SGR

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	111.26	55.63	9.857649		5.143253	10.92477
Perlakuan	3	6935.53	2311.843	409.6592		4.757063	9.779538
Galat	6	33.86	5.643333				
Total	11	7080.65					
KK:		3%					

Tabel Lampiran19a. Analisis REP

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	0	0	0	0	0.0
N1	245.2	238.2	240	723.4	241.1
N2	257.8	250	253.4	761.2	253.7
N3	183.4	180.4	173.8	537.6	179.2
Total	686.4	668.6	667.2	2022.2	674.1

Tabel Lampiran 19b. Sidik ragam REP

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	57.28667	28.64333	3.582905		5.143253	10.92477
Perlakuan	3	123141.2	41047.06	5134.448		4.757063	9.779538
Galat	6	47.96667	7.994444				
Total	11	123246.4					
KK:		2%					

Tabel Lampiran 20a. Analisis bobot mutlak

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	58.2	51.8	54.8	164.8	54.9
N1	76.6	71	76.6	224.2	74.7
N2	107.2	111.8	112.8	331.8	110.6
N3	103.2	97.6	97.2	298	99.3
Total	345.2	332.2	341.4	1018.8	339.6

Tabel Lampiran 20b. Sidik ragam bobot mutlak

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	22.34	11.17	1.127903		5.143253	10.92477
Perlakuan	3	5610.52	1870.173	188.8428		4.757063	9.779538
Galat	6	59.42	9.903333				
Total	11	5692.28					
KK:		4%					

Tabel Lampiran 21a. Analisis FCR transformasi

Perlakuan (P)	Kelompok			Total	Rata- rata
	I	II	III		
N0	0.3	0.3	0.3	0.8	0.3
N1	1.2	1.0	1.1	3.3	1.1
N2	1.0	0.9	1.0	3.0	1.0
N3	1.1	1.0	0.9	3.0	1.0
Total	3.6	3.2	3.3	10.1	0.8

Tabel Lampiran 21b. Sidik ragam analisis FCR transformasi

SK	DB	JK	KT	F.Hitung	Ket.	F.Tabel	
						0.05	0.01
Kelompok	2	0.024057	0.012028	4.133653		5.143253	10.92477
Perlakuan	3	1.305548	0.435183	149.5548		4.757063	9.779538
Galat	6	0.017459	0.00291				
Total	11	1.347064					
KK:		6%					

Tabel lampiran 22. Biaya produksi per hektar budidaya dengan sistem mina padi

No	Jenis Biaya produksi	Perlakuan			
		N0	N1	N2	N3
1	Benih padi 36 Kg @Rp 15.000/Kg	541,500	541,500	541,500	541,500
2	Pupuk Urea 125 Kg @Rp2.250/Kg	281,250	281,250	281,250	281,250
3	Pengolahan lahan	1,388,000	1,388,000	1,388,000	1,388,000
4	Panen	2,777,000	2,777,000	2,777,000	2,777,000
5	Bibit ikan Rp 700/ekor	7,000,000	7,000,000	7,000,000	7,000,000
6	Pakan buatan				
	Tepung ikan 3.500/kg		4,819	8,505	12,757
	Tepung Jagung 1.000/kg		2,430	1,215	162
	Tepung Indigofera 500/kg		1,053	567	121
	Kepala udang 400/kg		486	972	1,296
	Dedak halus 250/kg		607	405	202
	Minyak ikan 5000/kg		1,215	1,215	1,215
	Mineral dan Vitamin 4500/kg		10,935	10,935	10,935
	Kanji 7000/KG		1,701	1,701	1,701
	Total 3,6 are		80,440	68,125	56,220
	Total 1ha		2,234,464	1,892,363	1,561,669
7	Operasional pakan				
	Bensin		2,500,000	2,500,000	2,500,000
	Tenaga kerja		1,388,000	1,388,000	1,388,000
	DII		555,555	555,555	555,555
	Total biaya pakan ha		6,678,019	6,335,918	6,005,224
	Total biaya produksi ha	11,987,750	18,665,769	18,323,668	17,992,974

Tabel Lampiran 23. Keuntungan tanaman padi per hektar dengan budidaya sistem mina padi

Perlakuan	bobot padi panen (0,6 are)	bobot padi panen (ha)	harga (kg)	untung padi per ha (Rp)
N0	22.20 kg	3.700 kg	5000	18.500.000
N1	24.20 kg	4.033 kg	5000	20.166.667
N2	26.90 kg	4.483 kg	5000	22.416.667
N3	25.20 kg	4.200 kg	5000	21.000.000

Tabel Lampiran 24. Keuntungan budidaya ikan Nila per hektar dengan sistem mina padi

Dosis N (%)	Bobot ikan per ekor (g)	Bobot ikan per ha panen (kg)	Harga per kg (Rp)	Keuntungan ikan per ha (Rp)
0 (N0)	65	584	30,000	17.520.000
5 (N1)	85	781	30,000	23.418.800
7 (N2)	121	1166	30,000	34.973.167
9 (N3)	109	1045	30,000	31.356.800

Tabel Lampiran 25. Total pendapatan per hektar dengan budidaya sistem mina padi

Dosis N (%)	Keuntung padi per ha (Rp)	Keuntungan ikan per ha (Rp)	Total keuntungan (Rp)	Biaya produksi (Rp)	Pendapatan (Rp)
0 (N0)	18.500.000	17,520,000	36.020.000	11,987,750	24.032.250
5 (N1)	20.166.667	23,418,800	43.585.467	18,665,769	24.919.698
7 (N2)	22.416.667	34,973,167	57.389.834	18,323,668	39.066.166
9 (N3)	21.000.000	31,356,800	52.356.800	17,992,974	34.363.826



Gambar Lampiran 1. Survey lokasi



Gambar Lampiran 2. Analisis kesuburan tanah



Gambar Lampiran 3. Pengumpulan bahan baku pakan



Gambar Lampiran 4. Pembuatan pakan



Gambar Lampiran 5. Olah tanah dan membuat petakan



Gambar Lampiran 6. Penanaman Padi



Gambar Lampiran 7. Penurunan ikan nila



Gambar Lampiran 8. Analisis kualitas air



Gambar Lampiran 9. Analisis feses ikan



Gambar Lampiran 10. Pengendalian mekanis



Gambar Lampiran 11. Penangkapan sampel ikan



Gambar Lampiran 12. Pembobotan ikan



Gambar Lampiran 13. Pemanenan Padi