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LAMPIRAN

Lampiran 1. Data Sampel 5 Hari (14 Juli 2024-20 Juli 2024)

Waktu	Suhu (°C)	Kelembaban (% RH)	Co ₂ (ppm)	Kapasitas Air (ml)	Kipas	Pompa
02.20	28	98	339	24.180	47,54	8,80
03.20	28	98	322	24.887	47,54	8,80
00.00	28	98	442	24.887	47,54	8,80
08.00	28	95	293	24.887	47,54	8,80
10.00	28	88	266	24.887	47,54	8,80
11.00	28	92	250	24.887	47,54	8,80
17.20	29	80	327	11.463	48,76	9,38
15.20	29	80	260	10.757	48,76	9,38
14.20	29	84	247	10.757	48,76	9,38
22.40	29	98	429	18.528	48,76	9,38
20.00	29	92	508	18.528	49,17	9,58
20.20	29	93	450	18.528	48,76	9,38

Table 22. Sampel 14 Juli 2024

Waktu	Suhu (°C)	Kelembaban (% RH)	Co ₂ (ppm)	Kapasitas Air (ml)	Kipas	Pompa
01.00	29	84	266	19.941	48,76	9,38
02.00	28	86	267	19.941	47,54	8,80
01.00	29	84	266	19.941	48,76	9,38
11.00	28	94	265	19.941	48.14	9,09
10.00	28	93	276	19.941	48,76	9,38
08.40	28	92	272	19.941	49,17	9,58
15.40	29	76	280	19.941	121,90	22,5
13.20	29	94	260	19.941	48,76	9,38
18.00	29	76	306	12.876	121,90	22,5
18.20	28	92	300	19.941	49,17	9,58
19.20	28	88	321	19.941	47,54	8,80
19.40	28	88	337	19.941	47,54	8,80

Table 23. Sampel 17 Juli 2024

Waktu	Suhu (°C)	Kelembaban (% RH)	Co ₂ (ppm)	Kapasitas Air (ml)	Kipas	Pompa
01.20	28	89	332	19.941	47,54	8,80
01.00	28	89	341	19.941	47,54	8,80
00.00	28	85	341	19.941	47,54	8,80
08.40	28	89	342	19.941	47,54	8,80
10.40	28	84	250	19.941	47,54	8,80
09.40	28	98	269	19.941	47,54	8,80
14.20	28	78	260	12.876	121,37	22,5

17.20	28	79	278	7.224	121,90	22,5
15.00	25	98	251	12.876	47,54	8,80
21.20	28	88	244	-538.901	47,54	8,80
21.00	28	91	252	-538.901	48,35	9,19
23.40	28	84	295	-539.607	47,54	8,80

Table 24. Sampel 18 Juli 2024

Waktu	Suhu (°C)	Kelembaban (% RH)	Co ₂ (ppm)	Kapasitas Air (ml)	Kipas	Pompa
03.40	28	89	250	19.235	47,54	8,80
00.20	28	82	307	-539.607	47,54	8,80
04.00	28	89	231	19.235	47,54	8,80
09.20	27	98	220	19.235	47,54	8,80
10.00	27	90	248	19.235	47,54	8,80
12.00	28	79	225	19.235	121,37	22,5
17.00	28	82	215	17.115	47,54	8,80
15.20	28	75	240	19.941	121,37	22,5
16.00	28	76	220	19.235	121,37	22,5
20.40	28	94	270	10.757	48,14	9,09
19.20	28	89	237	10.757	47,54	8,80
23.20	29	98	388	10.757	48,76	9,38

Table 25. Sampel 19 Juli 2024

Waktu	Suhu (°C)	Kelembaban (% RH)	Co ₂ (ppm)	Kapasitas Air (ml)	Kipas	Pompa
00.00	29	98	382	10.757	48,76	9,38
05.40	28	95	248	10.757	47,54	8,80
03.40	28	98	281	10.757	47,54	8,80
08.20	27	91	232	10.757	48,35	9,19
11.40	28	82	261	10.757	47,54	8,80
12.00	28	80	230	10.757	48,76	9,38
17.40	29	82	250	14.996	48,76	9,38
15.00	28	78	206	19.941	121,37	22,5
18.00	29	90	260	14.996	48,76	9,38
18.20	29	93	286	14.996	48,76	9,38
23.00	29	87	235	14.996	48,76	9,38
23.20	29	91	243	14.996	48,76	9,38

Table 26. Sampel 20 Juli 2024

Lampiran 2. Data Percobaan Budidaya Jamur Selama 22 Hari

Percobaan Hari ke-1 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	31	64	1.020	11.463	201,24031	34,93333
02:00	31	68	1.081	10.756	201,24031	34,93333
04:00	31	68	1.565	10.756	201,24031	34,93333
06:00	31	67	1.267	10.756	201,24031	34,93333
08:00	30	66	1.340	10.756	201,24031	34,93333
10:00	30	68	1.409	10.756	201,24031	34,93333
12:00	31	67	851	7.224	201,24031	34,93333
14:00	30	75	857	16.408	201,24031	34,93333
16:00	29	72	836	13.582	121,90171	22,5
18:00	29	83	840	11.463	48,76	8,80952
20:00	29	76	1.255	11.463	200,6226	22,5
22:00	30	75	845	11.463	201,24031	34,93333

Table 27. Hari ke-1 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya Konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	30	65	24.000
10:00	30	64	23.500
12:00	30	79	23.500
14:00	30	72	22.000
16:00	30	70	22.000
18:00	30	72	21.000
20:00	30	70	21.000
22:00	30	71	21.000

Table 28. Hari ke-1 Budidaya Konvensional

Percobaan Hari ke-2 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	93	791	11.463	49,17137	9,58937
02:00	29	92	814	11.463	48,76068	9,38889
04:00	29	88	753	11.463	48,76068	9,38889
06:00	29	80	910	11.463	48,76068	48,76068
08:00	30	83	1.799	21.354	201,24031	22,5
10:00	29	85	810	11..463	48,76068	9,3889
12:00	30	71	1.102	19.941	201,24031	34,93333
14:00	30	82	1.078	19.941	201,24031	22,5
16:00	30	84	909	17.822	201,24031	22,5
18:00	29	82	842	14.289	48,76068	9,38889
20:00	30	87	839	14.289	201,24031	22,5
22:00	29	86	619	14.289	49,17137	9,58937

Table 29.Hari ke-2 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya Konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	30	65	20.500
10:00	30	55	20.500
12:00	31	60	19.500
14:00	30	60	19.000
16:00	30	60	19.000
18:00	30	65	18.000
20:00	29	70	18.000
22:00	29	70	18.000

Table 30.Hari ke-2 Budidaya Konvensional

Percobaan hari ke-3 **Sistem kendali otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	83	1.083	14.289	200,6226	9,38889
02:00	29	82	1.111	14.289	200,6226	9,38889
04:00	29	79	1.558	14.289	200,6226	22,5
06:00	29	80	1.585	14.289	200,6226	22,5
08:00	29	79	1.170	14.289	200,6226	22,5
10:00	30	71	1.623	12.876	201,24031	34,93333
12:00	30	79	1.336	10.757	200,6226	34,48485
14:00	30	75	1.334	24.886	201,24031	34,93333
16:00	30	70	1.300	22.061	201,24031	34,93333
18:00	30	77	1.350	19.941	201,24031	34,93333
20:00	30	72	1.250	19.941	201,24031	34,93333
22:00	30	72	1.255	19.941	201,24031	34,93333

Table 31. Hari ke-3 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	30	61	18.000
10:00	30	63	17.000
12:00	31	60	16.500
14:00	32	55	16.000
16:00	31	60	14.500
18:00	31	63	14.000
20:00	31	62	14.000
22:00	31	62	14.000

Table 32. Hari ke-3 Budidaya Konvensional

Percobaan hari ke-4 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	72	1.081	19.941	200,6226	34,93333
02:00	30	73	1.021	19.941	200,6226	34,93333
04:00	30	72	1.025	19.941	200,6226	34,93333
06:00	30	67	1.045	19.941	200,6226	34,93333
08:00	30	67	1.030	19.941	200,6226	34,93333
10:00	29	75	1.003	19.541	200,6226	34,93333
12:00	29	80	1.051	19.389	200,6226	9,38889
14:00	31	70	225	16.408	201,24031	34,93333
16:00	31	82	298	12.876	201,24031	22,5
18:00	29	84	237	6.517	48,76068	9,38889
20:00	29	80	224	6.517	48,76068	9,38889
22:00	29	79	220	6.517	48,76068	22,5

Table 33. Hari ke-4 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	52	14.000
10:00	29	51	13.000
12:00	30	50	11.500
14:00	30	53	11.000
16:00	31	51	11.000
18:00	30	52	9.500
20:00	30	57	9.500
22:00	30	55	9.500

Table 34 Hari ke-4 Budidaya Konvensional

Percobaan hari ke-5 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	79	225	6.517	48,76068	22,5
02:00	29	80	230	6.517	48,76068	9,38889
04:00	29	80	240	6.517	48,76068	9,38889
06:00	30	76	291	6.517	201,24031	34,93333
08:00	30	78	293	16.408	201,24031	34,93333
10:00	30	79	254	14.289	200,6226	34,48485
12:00	30	79	276	11.463	200,6226	34,48485
14:00	30	79	248	19.941	200,6226	34,48485
16:00	30	80	257	16.408	200,6226	34,48485
18:00	30	81	308	14.289	201,24031	22,5
20:00	30	81	318	14.289	201,24031	22,5
22:00	30	81	322	14.289	201,24031	22,5

Table 35. Hari ke-5 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	52	9.500
10:00	30	53	8.000
12:00	31	54	7.000
14:00	31	55	6.500
16:00	31	51	6.500
18:00	30	63	5.500
20:00	30	62	5.500
22:00	29	63	5.500

Table 36. Hari ke-5 Budidaya Konvensional

Percobaan hari ke-6 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	82	332	14.289	201,24031	22,5
02:00	30	81	331	14.289	201,24031	22,5
04:00	30	82	327	14.289	201,24031	22,5
06:00	30	80	284	14.289	200,6226	22,5
08:00	29	83	328	17.821	48,76068	9,38889
10:00	29	82	317	17.821	48,76068	9,38889
12:00	30	86	281	14.289	201,24031	22,5
14:00	29	87	238	6.517	48,76068	9,38889
16:00	29	92	293	6.517	49,17137	9,58937
18:00	29	93	338	6.571	49,17137	9,58937
20:00	29	92	539	6.571	49,17137	9,58937
22:00	29	91	667	6.571	49,17137	9,58937

Table 37. Hari ke-6 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	66	5.500
10:00	29	67	5.000
12:00	30	68	4.000
14:00	28	73	4.000
16:00	28	72	4.000
18:00	28	71	3.500
20:00	28	72	3.500
22:00	28	71	3.500

Table 38. Hari ke-6 Budidaya Konvensional

Percobaan hari ke-7 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	28	89	628	6.571	47,54386	8,80952
02:00	28	88	767	6.571	47,54386	8,80952
04:00	28	86	318	6.571	47,54386	8,80952
06:00	28	84	539	6.571	47,54386	8,80952
08:00	28	86	638	17.821	47,54386	8,80952
10:00	29	85	539	17.821	48,76068	9,38889
12:00	30	85	396	17.821	201,24031	22,5
14:00	29	86	358	14.289	48,76068	9,38889
16:00	29	85	568	14.289	48,76068	9,38889
18:00	29	87	777	14.829	48,76068	9,38889
20:00	29	87	854	14.829	48,76068	9,38889
22:00	29	86	840	14.829	48,76068	9,38889

Table 39. Hari ke-7 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	71	3.500
10:00	28	71	3.000
12:00	29	64	2.500
14:00	29	68	2.000
16:00	29	66	2.000
18:00	28	71	1.000
20:00	28	67	1.000
22:00	28	69	1.000

Table 40. Hari ke-7 Budidaya Konvensional

Percobaan hari ke-8 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	85	763	14.829	48,76068	9,38889
02:00	29	86	747	14.829	48,76068	9,38889
04:00	29	85	747	14.829	48,76068	9,38889
06:00	28	84	785	14.829	48,76068	9,38889
08:00	28	85	643	14.829	48,76068	9,38889
10:00	29	90	658	14.829	48,76068	9,38889
12:00	29	86	688	14.829	48,76068	9,38889
14:00	29	86	617	14.829	48,76068	9,38889
16:00	30	84	675	12.876	201,24031	22,5
18:00	30	91	763	7.931	200,82906	22,5
20:00	30	92	910	7.931	180,10945	22,5
22:00	30	92	711	7.931	180,10945	22,5

Table 41. Hari ke-8 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	27	68	24.000
10:00	28	66	23.500
12:00	28	70	23.000
14:00	29	64	23.000
16:00	29	65	22.500
18:00	29	65	22.000
20:00	29	70	22.000
22:00	29	71	22.000

Table 42. Hari ke-8 Budidaya Konvensional

Percobaan Hari ke-9 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	93	854	7.931	121,90171	22,5
02:00	29	92	733	7.931	49,17137	9,58937
04:00	29	92	718	7.931	49,17137	9,58937
06:00	28	90	810	7.931	47,54386	8,80952
08:00	28	86	634	7.931	47,54386	8,80952
10:00	29	88	1.057	19.235	200,6226	9,38889
12:00	29	89	746	19.235	48,76068	9,38889
14:00	29	91	786	19.235	48,76068	9,38889
16:00	29	87	775	19.235	48,76068	9,38889
18:00	29	89	930	19.235	48,76068	9,38889
20:00	29	88	1.181	19.235	200,6226	9,38889
22:00	29	88	1.151	19.235	200,6226	9,38889

Table 43. Hari ke-9 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	68	22.000
10:00	28	62	21.500
12:00	29	63	21.000
14:00	29	67	20.000
16:00	29	64	20.000
18:00	29	69	19.000
20:00	29	68	19.000
22:00	29	68	19.000

Table 44. Hari ke-9 Budidaya Konvensional

Percobaan Hari ke- 11 **Sistem kendali otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	80	1.145	12.170	200,6226	9,38889
02:00	29	78	1.148	12.170	200,6226	9,38889
04:00	28	77	1.140	12.170	200,6226	9,38889
06:00	28	80	1.130	12.170	200,6226	9,38889
08:00	28	82	1.125	12.170	200,6226	9,38889
10:00	28	80	1.200	12.170	200,6226	9,38889
12:00	30	83	1.228	12.170	201.24031	22.5
14:00	30	82	1.193	9.334	201,20431	22,5
16:00	30	82	1.112	21.354	201,24031	22,5
18:00	30	81	1.135	19.235	201,24031	22,5
20:00	29	81	1.100	19.235	200,6226	9,38889
22:00	29	82	1.115	19.235	200,6226	9,38889

Table 45. Hari ke-11 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	68	15.500
10:00	29	65	14.500
12:00	29	64	14.000
14:00	30	65	13.000
16:00	30	67	12.500
18:00	29	61	12.000
20:00	29	64	12.000
22:00	29	65	12.000

Table 46. Hari ke-11 Budidaya Konvensional

Percobaan Hari ke-12 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	84	1.135	19.235	200,6226	9,38889
02:00	29	84	1.125	19.235	200,6226	9,38889
04:00	29	83	1.115	19.235	200,6226	9,38889
06:00	29	87	1.037	19.235	150,76538	9,38889
08:00	29	82	1.052	19.235	200,6226	9,38889
10:00	29	85	1.207	19.235	200,6226	9,38889
12:00	29	83	1.134	19.235	200,6226	9,38889
14:00	30	83	1.125	19.235	200,6226	22,5
16:00	30	87	1.130	17.822	200,6226	22,5
18:00	30	92	1.145	14.289	200,6226	22,5
20:00	30	93	1.110	14.289	200,6226	22,5
22:00	29	89	1.030	14.289	200,6226	9,38889

Table 47. Hari ke-12 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	62	12.000
10:00	28	71	11.000
12:00	29	69	10.000
14:00	29	68	9.500
16:00	29	68	9.500
18:00	29	70	9.000
20:00	29	70	9.000
22:00	29	69	9.000

Table 48. Hari ke-12 Budidaya Konvensional

Percobaan Hari ke-13 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	86	1.040	14.289	200,6226	9,38889
02:00	29	84	1.066	14.289	200,6226	9,38889
04:00	28	81	1.087	14.289	200,6226	9,38889
06:00	28	82	1.112	14.289	200,6226	9,38889
08:00	28	81	1.118	14.289	200,6226	9,38889
10:00	28	83	1.114	14.289	200,6226	9,38889
12:00	29	82	1.124	14.289	200,6226	9,38889
14:00	30	81	1.170	14.289	200,6226	22,5
16:00	30	84	1.178	12.170	200,6226	22,5
18:00	29	82	1.160	12.170	200,6226	9,38889
20:00	30	84	1.145	12.170	200,6226	22,5
22:00	30	84	1.150	12.170	200,6226	22,5

Table 49. Hari ke-13 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	69	9.000
10:00	28	69	8.500
12:00	29	66	8.000
14:00	29	64	7.500
16:00	29	67	7.500
18:00	29	68	6.500
20:00	29	68	6.500
22:00	29	67	6.500

Table 50. Hari ke-13 Budidaya Konvensional

Percobaan Hari ke-14 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	85	1.152	12.170	200,6226	22,5
02:00	30	89	1.147	12.170	200,6226	22,5
04:00	29	89	1.138	12.170	200,6226	9,38889
06:00	29	89	1.120	12.170	200,6226	9,38889
08:00	29	88	1.115	12.170	200,6226	9,38889
10:00	30	87	1.107	12.170	200,6226	22,5
12:00	30	85	1.009	11.463	200,6226	22,5
14:00	30	86	1.112	9.334	200,6226	22,5
16:00	30	87	1.105	6.571	200,6226	22,5
18:00	30	87	1.124	20.647	200,6226	22,5
20:00	29	85	1.122	20.647	200,6226	9,38889
22:00	29	85	1.121	20.647	200,6226	9,38889

Table 51. Hari ke-14 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	65	6.500
10:00	28	66	6.000
12:00	29	64	5.000
14:00	30	66	5.000
16:00	30	68	4.500
18:00	30	68	3.500
20:00	29	68	3.500
22:00	29	68	3.500

Table 52. Hari ke-14 Budidaya Konvensional

Percobaan Hari ke-15 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	85	1.121	20.467	200,6226	9,38889
02:00	29	84	1.128	20.467	200,6226	9,38889
04:00	29	84	1.130	20.467	200,6226	9,38889
06:00	29	85	1.117	20.467	200,6226	9,38889
08:00	29	85	1.007	20.467	200,6226	9,38889
10:00	30	85	1.004	20.467	200,6226	22,5
12:00	30	84	1.112	17.822	200,6226	22,5
14:00	30	84	1.112	14.289	200,6226	22,5
16:00	29	85	1.002	12.170	200,6226	9,38889
18:00	29	85	1.113	12.170	200,6226	9,38889
20:00	29	85	1.117	12.170	200,6226	9,38889
22:00	29	86	1.121	12.170	200,6226	9,38889

Table 53. Hari ke-15 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	64	3.500
10:00	28	65	3.000
12:00	29	65	2.000
14:00	29	66	2.000
16:00	29	69	500
18:00	29	70	24.000
20:00	29	71	24.000
22:00	29	71	24.000

Table 54. Hari ke-15 Budidaya Konvensional

Percobaan Hari ke-16 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	83	1.112	12.170	200,6226	22,5
02:00	30	84	1.108	12.170	200,6226	22,5
04:00	30	84	1.107	12.170	200,6226	22,5
06:00	30	85	1.109	12.170	200,6226	22,5
08:00	30	86	1.116	12.170	200,6226	22,5
10:00	30	86	1.131	9.334	200,6226	22,5
12:00	30	86	1.143	20.467	200,6226	22,5
14:00	30	87	1.125	17.822	200,6226	22,5
16:00	30	87	1.135	14.289	200,6226	22,5
18:00	30	88	1.120	12.170	200,6226	22,5
20:00	30	89	1.140	12.170	200,6226	22,5
22:00	30	89	1.132	12.170	200,6226	22,5

Table 55. Hari ke-16 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	64	24.000
10:00	29	63	23.000
12:00	30	64	22.500
14:00	31	65	22.000
16:00	31	66	21.500
18:00	30	68	20.500
20:00	30	68	20.500
22:00	29	68	20.500

Table 56. Hari ke-16 Budidaya Konvensional

Percobaan Hari ke-17 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	87	1.109	12.170	200,6226	22,5
02:00	29	85	1.127	12.170	200,6226	9,38889
04:00	29	86	1.134	12.170	200,6226	9,38889
06:00	29	86	1.144	12.170	200,6226	9,38889
08:00	29	85	1.150	12.170	200,6226	9,38889
10:00	29	83	1.165	9.334	200,6226	9,38889
12:00	29	83	1.170	7.931	200,6226	9,38889
14:00	30	83	1.145	6.571	200,6226	22,5
16:00	30	84	1.133	22.061	200,6226	22,5
18:00	29	85	1.124	20.467	200,6226	9,38889
20:00	29	85	1.115	20.467	200,6226	9,38889
22:00	29	87	1.112	20.467	200,6226	9,38889

Table 57. Hari ke-17 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	66	20.500
10:00	29	67	20.000
12:00	29	68	19.000
14:00	29	69	18.500
16:00	29	66	17.500
18:00	29	68	17.000
20:00	29	69	17.000
22:00	29	70	17.000

Table 58. Hari ke-17 Budidaya Konvensional

Percobaan Hari ke-18 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	88	1.106	20.467	200,6226	9,38889
02:00	29	86	1.102	20.467	200,6226	9,38889
04:00	29	87	990	20.467	48,76068	9,38889
06:00	29	86	1.006	20.467	200,6226	9,38889
08:00	29	85	1.110	20.467	200,6226	9,38889
10:00	29	82	1.111	17.822	200,6226	9,38889
12:00	30	81	1.116	14.289	200,6226	22,5
14:00	30	82	1.114	12.170	200,6226	22,5
16:00	30	82	1.125	9.334	200,6226	22,5
18:00	29	80	1.120	6.571	200,6226	9,38889
20:00	29	82	1.122	22.061	200,6226	9,38889
22:00	29	83	1.120	22.061	200,6226	9,38889

Table 59. Hari ke-18 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	64	17.000
10:00	29	65	17.500
12:00	30	63	16.500
14:00	30	61	16.000
16:00	30	62	15.500
18:00	30	64	15.000
20:00	30	65	15.000
22:00	29	67	15.000

Table 60. Hari ke-18 Budidaya Konvensional

Percobaan Hari ke-19 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	83	1.132	22.061	200,6226	9,38889
02:00	29	84	1.130	22.061	200,6226	9,38889
04:00	29	86	1.129	22.061	200,6226	9,38889
06:00	29	85	1.127	22.061	200,6226	9,38889
08:00	29	84	1.124	20.467	200,6226	9,38889
10:00	30	82	1.110	20.467	200,6226	22,5
12:00	31	82	1.108	20.467	200,6226	34,93333
14:00	32	77	107	17.822	200,17482	34,93333
16:00	31	81	141	16.408	201,01851	22,5
18:00	31	83	126	12.169	200,6474	22,5
20:00	31	86	178	12.169	201,24031	22,5
22:00	30	78	146	12.169	201,14182	34,93333

Table 61. Hari ke-19 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	64	15.000
10:00	31	58	15.500
12:00	31	60	14.500
14:00	30	68	14.000
16:00	30	69	13.500
18:00	29	67	13.000
20:00	29	63	13.000
22:00	29	63	13.000

Table 62. Hari ke-19 Budidaya Konvensional

Percobaan Hari ke-20 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	81	182	12.169	201,24031	22,5
02:00	30	83	166	12.169	201,24031	22,5
04:00	30	80	152	12.169	200,6226	22,5
06:00	29	80	134	12.169	48,76068	9,38889
08:00	29	77	189	12.169	121,90171	22,5
10:00	29	80	126	12.169	48,76068	9,38889
12:00	30	74	119	8.637	200,47362	34,93333
14:00	31	76	137	7.224	200,91974	34,93333
16:00	30	79	172	14.289	200,6226	34,48485
18:00	31	83	161	17.115	201,24031	22,5
20:00	31	85	198	17.115	201,24031	22,5
22:00	31	88	149	17.115	201,2157	22,5

Table 63. Hari ke-20 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	28	62	13.000
10:00	30	63	12.500
12:00	29	62	11.500
14:00	30	58	11.000
16:00	29	70	10.500
18:00	30	66	10.000
20:00	30	68	10.000
22:00	30	69	10.000

Table 64. Hari ke-20 Budidaya Konvensional

Percobaan Hari ke ke-21 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	31	90	148	17.115	201,19107	22,5
02:00	31	90	152	17.115	201,24031	22,5
04:00	30	89	123	17.115	200,54814	22,5
06:00	29	83	145	17.115	48,76068	9,38889
08:00	29	81	203	17.115	48,76068	9,38889
10:00	29	81	157	17.115	48,76068	9,38889
12:00	31	78	161	18.528	200,91974	34,93333
14:00	31	79	134	4.398	200,6226	34,93333
16:00	30	79	143	14.289	200,6226	34,48485
18:00	30	83	165	10.756	201,24031	22,5
20:00	30	83	178	10.756	201,24031	22,5
22:00	30	84	186	19.234	201,24031	22,5

Table 65. Hari ke-21 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	-	-	-
10:00	30	61	9.000
12:00	-	-	-
14:00	31	57	8.000
16:00	-	-	-
18:00	-	-	-
20:00	30	69	8.000
22:00	29	64	8.000

Table 66. Hari ke-21 Budidaya Konvensional

Percobaan Hari ke-22 **Sistem Kendali Otomatis**

Waktu	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	86	228	19.234	201,24031	22,5
02:00	30	84	156	19.234	201,24031	22,5
04:00	30	83	166	19.234	201,24031	22,5
06:00	29	81	157	19.234	48,76068	9,38889
08:00	29	82	182	19.234	48,76068	9,38889
10:00	29	81	118	19.234	49,1055	9,38889
12:00	30	81	169	18.528	201,24031	22,5
14:00	30	83	121	16.408	200,52332	22,5
16:00	30	83	127	17.115	200,67221	22,5
18:00	30	94	175	10.756	121,62671	22,5
20:00	30	92	178	19.234	180,10945	22,5
22:00	29	89	155	19.234	48,76068	9,38889

Table 67. Hari ke-22 Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya konvensional

Waktu	SUHU (°C)	KELEMBABAN (%RH)	KAPASITAS AIR (ml)
00:00	-	-	-
02:00	-	-	-
04:00	-	-	-
06:00	-	-	-
08:00	29	63	8.000
10:00	29	60	7.500
12:00	30	58	6.500
14:00	30	59	5.500
16:00	30	65	5.000
18:00	29	74	4.000
20:00	28	71	4.000
22:00	28	72	4.000

Table 68. Hari ke-22 Budidaya Konvensional

Lampiran 3. Gambar Pertumbuhan Jamur



(a)



(b)



(c)



(d)

a= Pertumbuhan tubuh buah jamur pada baglog ke-1

b = Panen pada baglog ke-1

c = Pertumbuhan tubuh buah jamur pada baglog ke-2

d = Panen pada baglog ke-2

Lampiran 4. Gambar Aksi Aktuator Mist Maker dan Pompa (Nozzle)



(a)



(b)



(c)

a = Mist maker mati

b = Mist maker menyala dan pompa (nozzle) mati

c = Mist maker dan pompa menyala bersamaan

Lampiran 5. Gambar Aksi Aktuator Kipas



(a1)



(a2)



(b1)



(b2)

a1 = Kipas menyala

a2 = Kipas mati

b1 = Kipas menyala

b2 = Kipas mati

Lampiran 6. Budidaya Jamur Konvensional dan Modern



Lampiran 7. Data Budidaya Jamur 45 Hari

Hari ke-1 (20 Juni 2024)

SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (PPM)
29	71	344
29	67	254
29	69	182
29	65	394
29	61	137
30	61	74
30	59	76
30	59	118
31	58	207
31	57	137
30	58	123
31	57	189
31	56	156
31	56	146

Hari ke-2 (21 Juni 2024)

SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)
25	82	465
26	79	804
26	79	699
27	79	408
27	77	533
27	76	628
27	76	477
28	76	599
28	75	422
28	73	591
29	68	576
29	68	497

Hari ke-3 (22 Juni 2024)

SUHU (°C)	KELEMBABAN (% RH)	CO₂ (ppm)
26	89	726
27	88	594
27	86	558
28	84	602
28	82	563
28	79	583
28	80	612
28	80	631
28	80	631
28	80	631
28	80	631
28	80	631
28	80	631
29	84	631
29	83	382

Hari ke-4 (23 Juni 2024)

SUHU (°C)	KELEMBABAN (% RH)	CO₂ (ppm)
29	82	231
29	80	176
29	81	250
29	84	284
29	84	273
29	84	304
29	84	304
29	82	236
29	82	314
29	83	279
29	83	279
29	83	279
29	82	276
29	82	237
29	82	302

Hari ke-5 (24 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KIPAS	POMPA
9.15	29	83	326	200,2496	9,75214
10.15	29	81	595	200,25	9,752
11.06	29	79	586	200,25	9,752
17.49	29	82	321	200,25	9,752
18.13	29	84	472	200,25	9,752
19.13	29	84	472	200,25	9,752
20.40	29	82	373	200,25	9,752
21.26	20	80	481	45,185	8,81
22.09	29	85	574	201,24	8,81
23.09	29	86	713	201,24	8,81

Hari ke-6 (25 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
08.40	29	82	846	24.887	201,24	8,81
11.00	29	81	650	24.887	201,24	8,81
12.20	30	81	1481	24.887	201,24	8,81
13.00	30	77	675	24.887	123,086	22,5
14.00	30	79	540	24.887	200,623	9,389
15.00	30	77	928	24.887	179,976	22,5
16.00	30	79	926	24.887	200,324	9,389
17.00	30	78	581	8.637	123,086	22,5
18.00	30	79	572	8.637	200,623	9,389

Hari ke-7 (26 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
10.20	29	83	511	8.637	201,2403	8,80952
11.00	30	81	177	7.931	200,5512	9,38889
12.00	30	79	466	7.931	200,6226	9,38889
13.00	30	80	460	8.637	200,6226	9,38889
14.00	30	78	633	8.637	123,0856	22,5
15.00	30	76	569	8.637	123,0856	22,5
16.00	30	79	895	8.637	200,6226	9,38889

Hari ke-8 (27 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
7.20	28	84	758	8.637	201,2403	8,80952
8.00	28	83	848	8.637	201,2403	8,80952
11.20	30	82	532	8.637	200,6226	9,38889
12.00	30	80	650	8.637	200,6226	9,38889
13.00	30	78	931	8.637	183	22,5
14.40	30	80	725	8.637	200,6226	9,38889
15.00	30	80	878	8.637	200,6226	9,38889
16.00	31	79	926	7.931	200,3243	22,5
17.00	30	83	890	8.637	200,6226	9,38889
18.00	30	85	497	8.637	200,6226	9,38889
19.00	30	88	1085	8.637	200,6226	9,38889
20.00	30	86	1080	8.637	200,6226	9,38889
21.00	29	96	1729	8.637	201,2403	8,80952
22.00	29	94	1093	8.637	200,9321	9,09483
23.00	29	88	1189	7.931	201,2403	8,80952

Hari ke-9 (28 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	85	988	8.637	201,0925	8,80952
01.00	29	84	1186	8.637	201,2403	8,80952
02.00	29	83	948	8.637	200,5978	8,80952
03.00	29	83	1003	7.931	201,2403	8,80952
04.00	29	82	892	7.931	200,7218	8,80952
05.00	30	84	960	7.931	200,6226	9,38889
06.00	30	85	1141	7.931	200,6226	9,38889
07.00	29	85	890	7.931	200,7465	8,80952
08.00	29	84	881	7.931	200,8579	8,80952
09.00	29	91	862	7.931	200,8291	9,19192
10.00	29	89	795	7.931	201,2403	8,80952
11.00	29	85	793	7.931	201,2403	8,80952
12.00	29	84	767	7.931	201,2403	8,80952
13.00	30	80	803	7.931	200,6226	9,38889

Hari ke-10 (29 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	30	81	1221	8.637	200,6226	9,38889
01.00	30	80	1266	8.637	200,6226	9,38889
02.00	30	81	1266	8.637	200,6226	9,38889
03.00	30	81	1066	8.637	200,6226	9,38889
04.00	30	81	1091	8.637	200,6226	9,38889
05.00	30	80	1003	8.637	200,6226	9,38889
06.00	29	79	963	8.637	200,6226	9,38889
07.00	29	78	1008	7.931	200,6226	22,5
08.00	29	84	576	7.931	201,2403	8,80952
09.00	29	90	852	7.931	201,2034	8,80952
10.00	29	89	782	8.637	201,2034	8,80952
11.00	29	85	788	7.931	201,2034	8,80952
12.00	29	85	752	7.931	201,2034	8,80952
13.00	30	81	1281	8.637	200,6226	9,38889
14.00	30	82	173	8.637	200,5388	9,38889
15.00	30	77	152	8.637	122,9532	22,5
16.00	30	79	177	8.637	200,5512	9,38889
17.00	30	83	198	8.637	200,6164	9,38889
18.00	30	86	172	8.637	200,5357	9,38889
19.00	30	87	183	8.637	200,5699	9,38889
20.00	30	83	171	7.931	200,5326	9,38889
21.00	30	83	125	8.637	200,3866	9,38889
22.00	30	82	137	8.637	200,427	9,38889
23.00	30	86	192	8.637	200,5978	9,38889

Hari ke-11 (30 Juni 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	30	85	131	8.637	200,4084	9,3889
01.00	30	83	171	8.637	200,5326	9,3889
02.00	30	86	166	8.637	200,5171	9,3889
03.00	30	88	146	8.637	200,455	9,3889
04.00	30	89	135	8.637	200,4208	9,3889
05.00	30	90	90	8.637	200,2808	9,3889
06.00	29	89	84	8.637	200,2621	9,3889
07.00	29	86	141	7.931	200,4395	8,8095
08.00	29	85	143	7.931	200,4457	8,8095
09.00	29	86	146	7.931	200,455	8,8095
10.00	29	85	158	7.931	200,4923	8,8095
11.00	29	87	146	8.637	200,455	8,8095
12.00	30	87	160	7.931	200,4985	9,3889
13.00	30	86	28	24.887	200,0875	9,3889
14.00	30	82	97	22.767	200,3026	9,3889
15.00	30	82	126	22.061	200,3928	9,3889
16.00	30	82	134	22.061	200,4177	9,3889
17.00	30	80	136	22.061	200,4239	9,3889
18.00	29	82	153	22.061	200,4767	8,8095
19.00	29	82	158	22.061	200,4923	8,8095
20.00	29	82	181	22.061	200,5637	8,8095
21.00	29	79	126	22.061	200,3928	9,3889
22.00	30	83	159	22.061	200,4954	9,3889
23.00	30	83	162	22.061	200,5047	9,3889

Hari ke-12 (1 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	87	204	22.767	123,5556	8,80952
01.00	30	84	146	22.061	200,455	9,38889
02.00	30	86	141	22.061	200,4395	9,38889
03.00	30	87	130	22.061	200,4053	9,38889
04.00	30	87	142	22.061	200,4426	9,38889
05.00	30	87	146	22.061	200,455	9,38889
06.00	30	87	130	22.061	200,4053	9,38889
07.00	29	83	132	22.061	200,4115	8,80952
08.00	29	84	149	22.061	200,4643	8,80952
09.00	30	89	152	22.061	200,4736	9,38889
10.00	29	85	164	22.767	200,5109	8,80952
11.00	29	85	188	22.767	200,5854	8,80952
12.00	29	85	178	22.061	200,5544	8,80952
13.00	29	83	172	22.061	200,5357	8,80952
14.00	30	84	167	22.061	200,52	9,38889
15.00	30	83	183	22.061	200,5699	9,38889
16.00	29	82	193	22.061	200,6009	8,80952
17.00	29	82	189	22.061	200,5885	8,80952
18.00	29	89	179	22.061	200,5419	8,80952
19.00	29	87	220	22.061	200,6846	8,80952
20.00	29	88	195	22.767	200,6071	8,80952
21.00	29	87	190	22.767	200,5916	8,80952
22.00	29	87	164	22.061	123,5556	8,80952
23.00	29	86	164	22.061	123,5556	8,80952

Hari ke-13 (2 Juli 2024)

WAKTU	SUHU	KELEMBABAN	CO2
00.00	29	87	202
01.00	29	88	142
02.00	29	88	159
03.00	29	88	153
04.00	29	88	152
05.00	29	88	172
06.00	29	86	152
07.00	29	87	178
08.00	29	87	176
09.00	29	87	171
10.00	29	86	144
11.00	29	84	183
12.00	29	84	193
13.00	29	82	149
14.00	29	81	146
15.00	29	83	130

Hari ke-14 (3 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	88	49	22.767	47,59208	8,80952
01:00	29	98	158	22.767	45,18518	8,80952
02:00	29	91	140	22.767	46,74603	9,19192
03:00	29	91	138	22.767	46,74603	9,19192
04:00	28	91	134	22.061	46,74603	9,19192
05:00	28	92	140	22.767	48,35249	9,58937
06:00	28	92	135	22.767	48,35249	9,58937
07:00	28	92	163	22.767	48,35249	9,58937
08:00	28	92	146	22.767	48,35249	9,58937
09:00	28	93	148	22.767	47,54386	9,38889
10:00	28	93	145	22.767	47,54386	9,38889
11:00	28	93	177	22.767	47,54386	9,38889
12:00	28	92	159	22.767	48,35249	9,58937
13:00	27	92	166	22.767	48,35249	9,58937
14:00	27	92	162	22.767	48,35249	9,58937
15:00	27	92	210	22.767	48,35249	9,58937
16:00	27	92	195	22.767	48,35249	9,58937
17:00	27	92	188	22.767	48,35249	9,58937
18:00	27	92	200	22.767	48,35249	9,58937
19:00	27	92	211	22.767	48,35249	9,58937
20:00	27	92	262	24.180	48,35249	9,58937
21:00	27	91	284	22.767	46,74603	9,19192
22:00	27	91	300	24.180	46,74603	9,19192
23:00	28	92	269	24.180	48,35249	9,58937

Hari ke-15 (4 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	27	92	311	23.474	47,54386	9,38889
01:00	27	93	323	23.474	48,76068	9,38889
02:00	27	93	284	23.474	48,76068	9,38889
03:00	27	92	337	23.474	49,17137	9,58937
04:00	27	92	300	23.474	49,17137	9,58937
05:00	27	92	296	23.474	49,17137	9,58937
06:00	27	92	313	23.474	49,17137	9,58937
07:00	27	92	265	23.474	49,17137	9,58937
08:00	27	92	363	23.474	49,17137	9,58937
09:00	27	92	294	23.474	49,17137	9,58937
10:00	27	94	330	23.474	48,14935	9,09483
11:00	28	92	153	23.474	49,17137	9,58937
12:00	28	89	121	23.474	48,95751	8,80952
13:00	28	87	177	23.474	47,54386	8,80952
14:00	28	86	186	23.474	47,54386	8,80952
15:00	28	84	209	23.474	47,54386	8,80952
16:00	28	84	212	23.474	47,54386	8,80952
17:00	28	84	210	23.474	47,54386	8,80952
18:00	28	85	244	23.474	47,54386	8,80952
19:00	29	87	228	23.474	47,54386	8,80952
20:00	29	91	269	23.474	48,35249	9,19192
21:00	29	92	392	23.474	49,17137	9,58937
22:00	29	92	304	23.474	49,17137	9,58937
23:00	29	91	265	23.474	48,35249	9,19192

Hari ke-16 (5 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	92	260	23.474	49,17137	9,58937
01:00	29	91	243	23.474	48,35249	9,19192
02:00	29	91	269	23.474	48,35249	9,19192
03:00	29	91	285	23.474	48,35249	9,19192
04:00	29	91	255	23.474	48,35249	9,19192
05:00	28	90	253	23.474	47,54386	8,80952
06:00	28	90	237	23.474	47,54386	8,80952
07:00	28	90	305	23.474	47,54386	8,80952
08:00	28	90	261	23.474	47,54386	8,80952
09:00	29	90	255	23.474	47,54386	8,80952
10:00	29	91	292	22.767	48,35249	9,19192
11:00	29	90	381	23.474	47,54386	8,80952
12:00	29	86	353	23.474	47,54386	8,80952
13:00	29	86	382	23.474	47,54386	8,80952
14:00	29	83	323	23.474	47,54386	8,80952
15:00	29	82	332	23.474	47,54386	8,80952
16:00	29	81	309	23.474	47,54386	8,80952
17:00	29	82	290	23.474	47,54386	8,80952
18:00	28	84	413	23.474	47,54386	8,80952
19:00	29	87	355	23.474	47,54386	8,80952
20:00	29	85	639	23.474	48,76068	9,38889
21:00	29	88	154	17.115	48,76068	9,38889
22:00	29	90	228	22.061	48,76068	9,38889
23:00	29	90	177	12.876	48,76068	9,38889

Hari ke-17 (6 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	89	119	24.887	49,05613	9,38889
01:00	29	90	349	12.876	48,76068	9,38889
02:00	29	89	349	12.876	48,76068	9,38889
03:00	29	90	219	12.876	48,76068	9,38889
04:00	29	89	242	12.876	48,76068	9,38889
05:00	29	89	204	12.876	48,76068	9,38889
06:00	29	88	240	12.876	48,76068	9,38889
07:00	29	88	252	12.876	48,76068	9,38889
08:00	29	88	230	12.876	48,76068	9,38889
09:00	29	87	261	12.876	48,76068	9,38889
10:00	29	83	265	12.876	48,76068	9,38889
11:00	29	81	456	12.876	48,76068	9,38889
12:00	29	80	219	24.887	48,76068	9,38889
13:00	29	81	177	12.876	48,76068	9,38889
14:00	30	78	172	13.583	201,2403	34,93333
15:00	30	81	178	24.887	201,2403	22,5
16:00	30	80	117	12.170	200,4239	22,5
17:00	30	79	134	12.170	200,6226	34,48485
18:00	29	79	121	12.170	121,9935	22,5
19:00	29	80	191	12.170	48,76068	9,38889
20:00	30	82	117	12.170	200,4239	22,5
21:20	30	83	137	12.170	200,9197	22,5
22:00	30	83	159	12.170	201,2403	22,5
23:00	29	80	135	13.583	48,76068	9,38889

Hari ke-18 (7 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	0	0	88	24.887	0	34,93333
11:00	29	82	74	18.528	-	-
12:00	29	82	484	24.887	-	-
13:00	30	80	663	24.887	-	-
14:00	28	90	780	17.822	-	-
15:00	28	99	754	17.822	-	-
16:00	29	81	736	13.583	-	-
17:00	30	78	874	12.876	-	-
18:00	29	80	844	24.887	-	-
19:00	29	85	740	24.887	-	-
20:00	29	79	760	24.887	-	-
21:00	29	78	685	24.887	-	-
22:00	29	85	1184	24.887	-	-
23:00	29	81	885	24.887	-	-

Hari ke 19 (8 Juli 2024)

WAKTU	SUHU	KELEMBABAN	CO2	TANDON	KIPAS	POMPA
00:00	29	82	840	24.887	-	-
01:00	29	82	748	24.887	-	-
02:00	29	82	806	24.887	-	-
03:00	29	82	881	24.887	-	-
04:00	29	82	840	24.887	-	-
07:20	29	83	806	24.887	-	-
08:00	29	83	819	24.887	-	-
09:00	28	85	665	24.887	-	-
10:00	29	80	719	24.887	-	-
11:00	29	77	623	24.887	-	-
12:00	29	73	568	24.887	-	-
13:00	30	75	695	24.887	-	-
14:00	30	73	678	24.887	-	-
15:00	30	74	695	24.887	-	-
16:00	30	71	581	24.887	-	-
17:00	30	71	727	24.887	-	-
18:00	30	71	665	24.887	-	-
19:00	30	70	628	24.887	-	-
20:00	30	72	711	24.887	-	-

Hari ke-20 (9 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
02:00	29	80	1102	24.887	200,6226	65,44118
03:00	29	80	630	24.887	48,76068	65,44118
04:00	29	79	713	24.887	48,76068	65,44118
05:00	29	79	589	24.887	48,76068	65,44118
06:00	29	78	621	24.887	121,9017	160
07:00	29	78	647	24.887	121,9017	160
08:00	29	78	653	24.887	121,9017	160
09:00	29	78	544	24.887	121,9017	160
10:00	29	79	635	19.941	48,76068	65,44118
11:00	29	81	682	18.528	48,76068	65,44118
12:00	29	81	598	17.822	48,76068	9,38889
13:00	29	82	682	22.767	121,9017	9,38889
14:00	28	85	788	14.289	121,3726	8,80952
15:00	28	87	804	14.289	121,3726	8,80952
16:00	28	84	742	14.289	121,3726	8,80952
21:00	29	88	442	14.289	121,9017	9,38889
22:00	29	80	760	14.289	121,9017	9,38889
23:00	29	84	780	13.583	121,9017	9,38889

Hari ke 21 (10 Juli 2024)

WAKTU	SUHU	KELEMBABAN	CO2	TANDON	KIPAS	POMPA
00:00	29	84	928	10.050	121,9017	9,38889
01:00	29	82	833	9.344	-	-
02:00	29	82	898	9.344	-	-
03:00	29	82	756	9.344	-	-
04:00	29	82	842	9.344	-	-
05:00	29	82	685	9.344	-	-
06:00	29	81	774	24.887	-	-
07:00	29	79	778	24.887	-	-
08:00	29	79	821	24.887	-	-
09:00	28	91	825	24.887	-	-
10:00	28	81	742	24.887	-	-
11:00	29	81	676	-541.727	-	-
12:00	29	83	683	-208.259	-	-
13:00	29	77	588	24.180	-	-
14:00	28	77	575	7.224	-	-
15:00	29	83	635	14.289	-	-
16:00	29	80	613	14.289	-	-
17:00	29	81	702	13.583	-	-
18:00	29	80	683	17.115	-	-
19:00	29	85	746	17.115	-	-
20:00	29	92	796	17.115	-	-
21:00	29	88	1234	17.115	-	-
22:00	28	86	1131	17.115	-	-
23:00	28	84	874	17.115	-	-

Hari ke-22 (11 Juli 2024)

WAKTU	SUHU(°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	84	723	17.115	-	-
01:00	28	86	734	17.115	-	-
02:00	28	84	628	17.115	-	-
03:00	28	84	618	17.115	-	-
04:00	28	82	859	17.115	-	-
05:00	28	80	912	17.115	-	-
06:00	27	81	750	17.115	-	-
07:00	27	78	802	17.115	-	-
08:00	28	78	935	17.115	-	-
09:00	28	83	855	17.115	-	-
10:00	28	81	674	17.115	-	-
11:00	28	79	786	12.876	121,9017	22,5
12:00	28	82	742	18.528	121,3726	8,80952
13:00	28	80	695	10.050	121,9017	9,38889
14:00	28	79	710	13.583	121,9017	22,5
15:00	28	78	649	10.050	121,3726	22,5
16:00	28	80	669	15.702	121,9017	9,38889
17:00	29	80	874	12.170	121,9017	9,38889
18:00	29	89	1398	5.105	200,6226	9,38889
19:00	29	91	338	-541.727	48,76068	9,38889
20:00	29	82	271	-541.727	48,76068	9,38889
21:00	29	93	284	-541.020	48,76068	9,38889
22:00	29	95	380	-541.727	48,76068	9,38889
23:00	29	92	424	-541.020	49,17137	9,58937

Hari ke-23 (12 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	96	488	-16.797	48,76068	9,38889
01:00	29	96	355	-14.678	48,76068	9,38889
02:00	28	92	335	-14.678	49,17137	9,58937
03:00	28	93	367	-14.678	48,76068	9,38889
04:00	28	93	293	-14.678	48,76068	9,38889
05:00	28	93	295	-9.732	48,76068	9,38889
06:00	28	92	250	-14.678	49,17137	9,58937
07:00	28	87	245	-9.732	47,54386	8,80952
08:00	28	84	266	-541.020	47,54386	8,80952
09:00	28	83	251	24.887	47,54386	8,80952
10:00	28	80	197	24.887	48,76068	9,38889
11:00	28	83	230	24.887	47,54386	8,80952
12:20	27	77	219	24.887	121,3726	22,5
13:00	28	76	230	24.887	121,3726	22,5
14:00	28	78	229	24.887	121,3726	22,5
15:00	28	80	228	24.887	48,76068	9,38889
16:00	28	79	219	24.887	48,76-68	22,5
17:00	28	78	219	24.887	47,54386	22,5
18:00	28	76	250	24.887	47,54386	22,5
19:00	28	78	262	24.887	121,3726	22,5
20:00	28	80	260	24.887	48,76068	9,38889
21:00	28	87	266	24.887	47,54386	8,80952
22:00	28	86	284	24.887	47,54386	8,80952
23:00	29	83	383	24.887	48,76068	9,38889

Hari ke-24 (13 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
11.00	28	76	226	24.887	121,9017	22,5
12.00	28	76	212	24.887	121,3726	22,5
13.00	28	77	215	24.887	121,3726	22,5
14.00	28	92	254	24.887	49,17137	9,58937
15.00	28	84	219	24.887	47,54386	8,80952
16.00	28	79	228	24.887	121,9017	22,5
17.00	28	77	237	24.887	121,3726	22,5
18.00	28	79	223	24.887	121,9017	22,5
19.00	28	95	288	24.887	47,54386	8,80952
20.00	28	95	284	24.887	47,54286	8,80952
21.00	28	91	268	24.887	48,35249	9,19192
22.00	28	92	322	24.887	49,17137	9,58937
23.00	28	96	301	24.887	47,54386	8,80952

Hari ke-25 (14 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	28	98	442	24.887	47,54386	8,80952
01.00	28	98	409	24.887	47,54386	8,80952
02.00	28	98	366	24.887	47,54386	8,80952
03.00	28	98	315	24.887	47,54386	8,80952
04.00	28	98	337	24.887	47,54386	8,80952
05.00	28	98	364	24.887	47,54386	8,80952
06.00	28	98	304	24.887	47,54386	8,80952
07.00	28	98	304	24.887	47,54386	8,80952
08.00	28	95	293	24.887	47,54386	8,80952
09.00	28	87	292	24.887	47,54386	8,80952
10.00	28	88	266	24.887	47,54386	8,80952
11.00	28	92	250	24.887	47,54386	8,80952
12.00	28	88	328	11.463	47,54386	8,80952
13.00	28	86	322	11.463	47,54386	8,80952
14.00	29	80	252	10.757	48,76068	9,38889
15.00	29	82	322	10.757	48,76068	9,38889
16.00	29	80	291	10.757	48,76068	9,38889
17.00	29	78	270	14.996	121,9017	22,5
18.00	29	79	307	11.463	121,9017	22,5
19.00	28	80	293	18.528	48,76068	9,38889
20.00	29	92	508	18.528	49,17137	9,58937
21.00	29	84	317	18.528	48,76068	9,38889
22.00	29	98	435	18.528	48,76068	9,38889
23.00	29	98	427	18.528	48,76068	9,38889

Hari ke-26 (15 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	98	409	18.528	48,76068	9,38889
01.00	29	98	474	18.528	48,76068	9,38889
02.00	29	98	390	18.528	48,76068	9,38889
03.00	28	98	393	18.528	47,54386	8,80952
04.00	28	98	373	18.528	47,54386	8,80952
05.00	28	98	342	18.528	47,54386	8,80952
06.00	28	98	396	18.528	47,54386	8,80952
07.00	28	96	325	18.528	47,54386	8,80952
08.00	28	96	355	18.528	47,54386	8,80952
09.00	28	94	322	18.528	48,14935	9,09483
10.00	28	93	347	18.528	48,76068	9,38889
11.00	28	84	330	18.528	47,54386	8,80952
12.00	28	83	297	18.528	47,54386	8,80952
13.00	28	87	287	18.528	47,54386	8,80952
14.00	28	84	269	18.528	47,54386	8,80952
15.00	29	84	262	18.528	48,76068	9,38889
16.00	29	80	269	18.528	48,76068	9,38889
17.00	29	80	283	16.409	48,76068	9,38889
18.00	28	82	276	11.463	48,54386	8,80952
19.00	28	92	252	11.463	49,17137	9,58937
20.00	29	96	308	11.463	48,76068	9,38889
21.00	29	96	317	11.463	48,76068	9,38889
22.00	29	98	327	11.463	48,76068	9,38889
23.00	29	98	330	11.463	48,76068	9,38889

Hari ke-27 (16 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	Kapasitas Air (ml)	KIPAS	POMPA
00.00	29	98	304	11.463	48,76068	9,38889
01.00	29	98	328	11.463	48,76068	9,38889
02.00	28	98	283	11.463	47,54386	8,80952
03.00	28	98	279	11.463	47,54386	8,80952
04.00	28	98	272	11.463	47,54386	8,80952
05.00	28	98	272	11.463	47,54386	8,80952
06.00	28	98	292	11.463	47,54386	8,80952
07.00	28	98	435	11.463	47,54386	8,80952
08.00	28	98	317	11.463	47,54386	8,80952
09.00	28	98	298	11.463	47,54386	8,80952
10.00	28	96	286	11.463	47,54386	8,80952
11.00	28	86	279	11.463	47,54386	8,80952
12.00	28	81	258	20.648	48,76068	8,80952
13.00	29	82	257	19.941	48,76068	9,38889
14.00	29	80	261	19.941	48,76068	9,38889
15.00	30	79	359	19.941	200,6226	34,48485
16.00	30	75	290	19.941	201,2403	34,93333
17.00	30	79	329	19.235	200,6226	34,48485
18.00	29	80	309	20.648	48,76068	9,38889
19.00	29	88	366	19.941	48,76068	9,38889
20.00	29	83	319	19.941	48,76068	9,38889
21.00	29	95	291	19.941	48,76068	9,38889
22.00	29	90	279	19.941	48,76068	9,38889
23.00	28	83	330	19.941	47,54386	8,80952

Hari ke-28 (17 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	88	271	19.941	48,76068	9,38889
01.00	29	84	266	19.941	48,76068	9,38889
02.00	28	86	267	19.941	47,54386	8,80952
03.00	28	90	303	19.941	47,54386	8,80952
04.00	28	90	365	19.941	47,54386	8,80952
05.00	28	89	250	19.941	47,54386	8,80952
06.00	28	84	250	19.941	47,54386	8,80952
07.00	28	88	300	19.941	47,54386	8,80952
08.00	28	92	270	19.941	49,17137	9,58937
09.00	28	92	274	19.941	49,17137	9,58937
10.00	28	93	276	19.941	48,76068	9,38889
11.00	28	94	265	19.941	48,14935	9,09483
12.00	29	92	256	19.941	48,76068	9,38889
13.00	29	94	260	19.941	48,76068	9,38889
14.00	29	81	270	19.941	48,76068	9,38889
15.00	28	80	251	19.941	48,76068	9,38889
16.00	29	73	276	19.941	121,9017	22,5
17.00	29	74	252	19.235	121,9017	22,5
18.00	29	76	306	12.876	121,9017	22,5
19.00	28	83	271	19.941	47,54386	8,80952
20.00	28	84	355	19.941	47,54386	8,80952
21.00	28	87	306	19.941	47,54386	8,80952
22.00	28	81	312	19.941	47,54386	8,80952
23.00	28	80	338	19.941	48,76068	9,38889

Hari ke-29 (18 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	28	85	341	19.941	47,54386	8,80952
01.00	28	89	341	19.941	47,54386	8,80952
02.00	28	92	270	19.941	49,17137	9,58937
03.00	28	93	250	19.941	48,76068	9,38889
04.00	28	92	324	19.941	49,17137	9,58937
05.00	28	92	327	19.941	49,17137	9,58937
06.00	28	91	435	19.941	48,35249	9,19192
07.00	28	89	325	19.941	47,54386	8,80952
08.00	28	89	377	19.941	47,54386	8,80952
09.00	28	89	304	19.941	47,54386	8,80952
10.00	28	98	261	19.941	47,54386	8,80952
11.00	28	77	268	19.235	121,3726	22,5
12.00	28	70	260	19.941	121,3726	22,5
13.00	28	76	267	22.061	121,3726	22,5
14.00	28	75	291	22.061	121,3726	22,5
15.00	25	98	251	12.876	47,54386	8,80952
16.00	27	77	227	19.235	121,3726	22,5
17.00	28	78	290	14.996	121,3726	22,5
18.00	28	73	230	2.985	121,3726	22,5
19.00	28	76	269	-539.607	121,3726	22,5
20.00	28	90	262	-539.607	47,54386	8,80952
21.00	28	91	252	-538.901	48,35249	9,19192
22.00	28	84	240	-538.901	47,54386	8,80952
23.00	28	83	250	-539.607	47,54386	8,80952

Hari ke-30 (19 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	28	82	331	-539.607	47,54386	8,80952
01.00	28	88	247	19.235	47,54386	8,80952
02.00	28	85	283	19.235	47,54386	8,80952
03.00	28	87	256	19.235	47,54386	8,80952
04.00	28	89	231	19.235	47,54386	8,80952
05.00	28	90	271	19.235	47,54386	8,80952
06.00	28	90	251	19.235	47,54386	8,80952
07.00	28	89	250	19.235	47,54386	8,80952
08.00	28	92	279	19.235	49,17137	9,58937
09.00	28	81	199	19.235	47,54386	8,80952
10.00	27	90	248	19.235	47,54386	8,80952
11.00	28	80	226	19.235	48,76068	9,38889
12.00	28	79	225	19.235	121,3726	22,5
13.00	28	77	269	16.409	121,3726	22,5
14.00	28	81	210	19.235	47,54386	8,80952
15.00	29	78	240	19.941	121,9017	22,5
16.00	28	76	220	19.235	121,3726	22,5
17.00	28	82	215	17.115	47,54386	8,80952
18.00	28	78	233	11.463	121,3726	22,5
19.00	28	85	235	10.757	47,54386	8,80952
20.00	28	95	246	10.757	47,54386	8,80952
21.00	28	95	288	10.757	47,54386	8,80952
22.00	28	92	339	10.757	49,17137	9,58937
23.00	29	95	368	10.757	48,76068	9,38889

Hari ke-31 (20 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	98	382	10.757	48,76068	9,38889
01.00	28	98	306	10.757	47,54386	8,80952
02.00	28	98	273	10.757	47,54386	8,80952
03.00	28	98	262	10.757	47,54386	8,80952
04.00	28	96	241	10.757	47,54386	8,80952
05.00	28	96	208	10.757	47,54386	8,80952
06.00	28	95	244	10.757	47,54386	8,80952
07.00	28	95	232	10.757	47,54386	8,80952
08.00	27	93	227	10.757	48,76068	9,38889
09.00	27	86	246	10.757	47,54386	8,80952
10.00	28	83	226	10.757	47,54386	8,80952
11.00	28	79	260	10.757	121,9017	22,5
12.00	28	80	230	10.757	48,76068	9,38889
13.00	28	79	260	20.648	121,9017	22,5
14.00	28	76	240	2.279	121,3726	22,5
15.00	28	78	206	19.941	121,3726	22,5
16.00	28	78	205	19.235	121,3726	22,5
17.00	28	81	228	13.583	47,54386	8,80952
18.00	29	90	260	14.996	48,76068	9,38889
19.00	29	85	281	14.996	48,76068	9,38889
20.00	29	88	230	14.996	48,76068	9,38889
21.00	29	89	271	14.996	48,76068	9,38889
22.00	29	91	442	14.996	48,76068	9,38889
23.00	29	87	235	14.996	48,76068	9,38889

Hari ke-32 (21 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00.00	29	98	298	9.344	48,76068	9,38889
01.00	29	98	231	9.344	48,76068	9,38889
02.00	29	98	298	9.344	48,76068	9,38889
03.00	29	98	352	9.344	48,76068	9,38889
04.00	29	98	276	9.344	48,76068	9,38889
05.00	29	96	271	9.344	48,76068	9,38889
06.00	28	91	242	14.996	48,35249	9,19192
07.00	28	81	209	14.996	47,54386	8,80952
08.00	27	81	270	14.996	47,54386	8,80952
09.00	28	85	220	14.996	47,54386	8,80952
10.00	28	78	212	14.996	121,3726	22,5
11.00	27	79	236	14.996	121,9017	22,5
12.00	28	83	227	19.941	47,54386	8,80952
13.00	28	76	237	12.170	121,3726	22,5
14.00	28	79	274	10.050	121,9017	22,5
15.00	28	77	250	10.050	121,3726	22,5
16.00	29	73	251	10.050	121,9017	22,5
17.00	29	79	292	10.050	121,9017	22,5
18.00	29	91	264	9.344	48,76068	9,38889
19.00	29	84	262	9.344	48,76068	9,38889
20.00	29	80	251	9.344	48,76068	9,38889
21.00	29	91	266	9.344	48,76068	9,38889
22.00	29	96	298	9.344	48,76068	9,38889
23.00	29	98	342	9.344	48,76068	9,38889

Hari ke-33 (22 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	298	9.344	48,76068	9,38889
01:00	29	98	231	9.344	48,76068	9,38889
02:00	29	98	298	9.344	48,76068	9,38889
03:00	29	98	352	9.344	48,76068	9,38889
04:00	29	98	276	9.344	48,76068	9,38889
05:00	29	96	271	9.344	48,76068	9,38889
06:00	29	96	254	9.344	48,76068	9,38889
07:00	29	96	234	9.344	48,76068	9,38889
08:00	29	96	288	9.344	48,76068	9,38889
09:00	29	98	268	9.344	48,76068	9,38889
10:00	29	94	271	8.637	48,76068	9,38889
11:00	29	90	258	9.344	48,76068	9,38889
12:00	29	82	242	9.344	48,76068	9,38889
13:00	29	85	248	18.528	48,76068	9,38889
14:00	29	79	239	18.528	121,9017	22,5
15:00	29	79	250	18.528	121,9017	22,5
16:00	29	77	245	18.528	121,9017	22,5
17:00	29	76	312	9.344	121,9017	22,5
18:00	29	82	271	15.702	48,76068	9,38889
19:00	29	87	317	15.702	48,76068	9,38889
20:00	29	87	352	15.702	48,76068	9,38889
21:00	29	85	397	15.702	48,76068	9,38889
22:00	29	84	313	15.702	48,76068	9,38889
23:00	29	80	285	15.702	48,76068	9,38889

Hari ke-34 (23 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	80	253	15.702	48,76068	9,38889
01:00	29	88	362	15.702	48,76068	9,38889
02:00	29	89	335	15.702	48,76068	9,38889
03:00	29	92	325	15.702	49,17137	9,58937
04:00	29	92	337	15.702	49,17137	9,58937
05:00	29	92	254	15.702	49,17137	9,58937
06:00	29	93	288	15.702	48,76068	9,38889
07:00	29	92	305	15.702	49,17137	9,58937
08:00	28	91	294	15.702	48,35249	9,19192
09:00	28	87	229	15.702	47,54386	8,80952
10:00	29	80	230	15.702	48,76068	9,38889
11:00	28	76	247	15.702	121,9017	22,5
12:00	29	77	285	15.702	121,9017	22,5
13:00	29	79	292	9.344	121,9017	22,5
14:00	29	76	291	17.822	121,9017	22,5
15:00	29	75	251	17.115	121,9017	22,5
16:00	30	74	243	17.115	201,2403	34,93333
17:00	29	77	264	12.170	121,9017	22,5
18:00	29	86	281	19.941	48,76068	9,38889
19:00	29	95	902	19.941	48,76068	9,38889
20:00	29	95	472	19.235	48,76068	9,38889
21:00	29	98	372	19.235	48,76068	9,38889
22:00	29	98	328	19.235	48,76068	9,38889
23:00	29	98	430	19.235	48,76068	9,38889

Hari ke-35 (24 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	432	8	48,76068	9,38889
01:00	29	98	351	8	48,76068	9,38889
02:00	29	98	529	8	48,76068	9,38889
03:00	29	98	279	8	48,76068	9,38889
04:00	29	98	318	8	48,76068	9,38889
05:00	29	98	293	8	48,76068	9,38889
06:00	29	98	435	8	48,76068	9,38889
07:00	28	96	420	8	47,54386	8,80952
08:00	28	98	404	8	47,54386	8,80952
09:00	29	96	360	8	48,76068	9,38889
10:00	29	96	355	8	48,76068	9,38889
11:00	29	84	304	8	48,76068	9,38889
12:00	29	80	342	8	48,76068	9,38889
13:00	29	82	318	11	48,76068	9,38889
14:00	29	80	360	11	48,76068	9,38889
15:00	29	80	328	11	48,76068	9,38889
16:00	29	80	278	11	48,76068	9,38889
17:00	29	84	293	11	48,76068	9,38889
18:00	29	85	298	11	48,76068	9,38889
19:00	29	91	339	11	48,76068	9,38889
20:00	29	94	420	11	48,76068	9,38889
21:00	29	95	451	11	48,76068	9,38889
22:00	29	98	522	11	48,76068	9,38889
23:00	29	98	539	11	48,76068	9,38889

Hari ke-36 (25 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	Kapasitas Air (ml)	KIPAS	POMPA
00:00	29	98	387	17.115	48,76068	9,38889
01:00	29	98	416	17.115	48,76068	9,38889
02:00	29	98	328	17.115	48,76068	9,38889
03:00	29	98	309	17.115	48,76068	9,38889
04:00	29	98	271	17.115	48,76068	9,38889
05:00	29	96	301	17.115	48,76068	9,38889
06:00	28	96	290	17.115	47,54386	8,80952
07:00	28	95	368	17.115	47,54386	8,80952
08:00	28	95	366	17.115	47,54386	8,80952
09:00	28	95	305	17.115	47,54386	8,80952
10:00	29	96	295	17.115	48,76068	9,38889
11:00	29	92	319	17.115	49,17137	9,58937
12:00	29	88	332	17.115	48,76068	9,38889
13:00	29	92	298	17.115	49,17137	9,58937
14:00	29	85	288	17.115	48,76068	9,38889
15:00	29	84	365	17.115	48,76068	9,38889
16:00	29	93	317	17.115	48,76068	9,38889
17:00	29	95	342	17.115	48,76068	9,38889
18:00	29	95	343	17.115	48,76068	9,38889
19:00	29	98	372	17.115	48,76068	9,38889
20:00	29	98	368	17.115	48,76068	9,38889
21:00	29	98	372	17.115	48,76068	9,38889
22:00	29	98	504	17.115	48,76068	9,38889

Hari ke-37 (26 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	739	17.115	48,76068	9,38889
01:00	29	98	399	17.115	48,76068	9,38889
02:00	29	98	356	17.115	48,76068	9,38889
03:00	29	98	301	17.115	48,76068	9,38889
04:00	28	98	276	17.115	47,54386	8,80952
05:00	28	98	272	17.822	47,54386	8,80952
06:00	28	98	284	17.822	47,54386	8,80952
07:00	28	98	344	17.822	47,54386	8,80952
08:00	28	98	339	17.822	47,54386	8,80952
09:00	28	98	328	17.822	47,54386	8,80952
10:00	28	98	297	17.822	47,54386	8,80952
11:00	28	98	309	17.115	47,54386	8,80952
12:00	28	90	250	17.822	48,76068	9,38889
13:00	28	85	293	17.822	47,54386	8,80952
14:00	29	84	305	17.822	48,76068	9,38889
15:00	29	83	328	16.409	48,76068	9,38889
16:00	29	84	286	17.822	48,76068	9,38889
17:00	29	98	242	16.409	48,76068	9,38889
18:00	29	98	286	17.115	48,76068	9,38889
19:00	29	98	326	17.115	48,76068	9,38889
20:00	29	98	306	-539.607	48,76068	9,38889
21:00	29	98	318	17.822	48,76068	9,38889
22:00	28	98	318	17.822	47,54386	8,80952
23:00	28	98	342	16.409	47,54386	8,80952

Hari ke-38 (27 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	28	98	347	17.822	47,54386	8,80952
01:00	28	98	362	17.822	47,54386	8,80952
02:00	28	98	360	17.822	47,54386	8,80952
03:00	28	98	330	17.822	47,54386	8,80952
04:00	28	98	293	17.822	47,54386	8,80952
05:00	28	98	272	17.115	47,54386	8,80952
06:00	28	98	283	17.115	47,54386	8,80952
07:00	28	98	304	17.115	47,54386	8,80952
08:00	28	98	312	17.115	47,54386	8,80952
09:00	28	98	287	17.115	47,54386	8,80952
10:00	28	98	301	17.115	47,54386	8,80952
11:00	28	98	327	17.115	47,54386	8,80952
12:00	28	94	312	17.115	48,14935	9,09483
13:00	28	91	396	17.115	48,35249	9,19192
14:00	29	86	276	17.115	48,76068	9,38889
15:00	29	87	230	17.115	48,76068	9,38889
16:00	29	80	221	17.115	48,76068	9,38889
17:00	29	81	280	14.289	48,76068	9,38889
18:00	29	87	293	17.115	48,76068	9,38889
19:00	29	93	298	17.115	48,76068	9,38889
20:00	29	95	291	17.115	48,76068	9,38889
21:00	29	98	310	17.115	48,76068	9,38889
22:00	29	98	307	17.115	48,76068	9,38889
23:00	29	98	331	17.115	48,76068	9,38889

Hari ke-39 (28 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	30	98	313	17.115	121,37	22,5
01:00	30	98	437	17.115	121,37	22,5
02:00	29	98	340	17.115	48,76	9,38
03:00	29	98	456	17.115	48,76	9,38
04:00	29	98	322	17.115	48,76	9,38
05:00	29	98	321	17.115	48,76	9,38
06:00	29	98	329	17.115	48,76	9,38
07:00	29	98	312	17.115	48,76	9,38
08:00	29	98	301	17.115	48,76	9,38
09:00	29	98	264	17.115	48,76	9,38
10:00	29	98	318	17.115	48,76	9,38
11:00	29	92	311	17.115	49,17	9,58
12:00	29	91	304	17.115	48,76	9,38
13:00	29	88	293	17.115	48,76	9,38
14:00	29	81	279	17.115	48,76	9,38
15:00	30	86	344	17.115	201,24	22,5
16:00	30	78	297	17.115	201,24	34,93
17:00	30	85	342	10.050	201,24	22,5
18:00	29	83	294	19.235	48,76	9,38
19:00	29	84	277	19.941	48,76	9,38
20:00	29	90	305	19.235	48,76	9,38
21:00	29	93	318	19.235	48,76	9,38
22:00	29	95	393	19.235	48,76	9,38
23:00	29	98	345	19.235	48,76	9,38

Hari ke-40 (29 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	368	19.235	48,76	9,38
01:00	29	98	439	19.235	48,76	9,38
02:00	29	98	363	19.235	48,76	9,38
03:00	29	98	355	19.235	48,76	9,38
04:00	29	98	261	19.235	48,76	9,38
05:00	29	98	322	19.235	48,76	9,38
06:00	29	98	347	19.235	48,76	9,38
07:00	29	96	374	19.235	48,76	9,38
08:00	29	98	330	19.235	48,76	9,38
09:00	29	95	332	19.235	48,76	9,38
10:00	29	98	335	19.235	48,76	9,38
11:00	29	93	313	19.235	48,76	9,38
12:00	29	88	293	19.235	48,76	9,38
13:00	29	85	281	19.235	48,76	9,38
14:00	29	83	270	19.235	48,76	9,38
15:00	29	87	276	19.235	48,76	9,38
16:00	29	86	283	19.235	48,76	9,38
17:00	29	88	331	19.235	48,76	9,38
18:00	29	93	317	19.235	48,76	9,38
19:00	29	95	325	19.235	48,76	9,38
21:00	29	98	346	19.235	48,76	9,38
22:00	29	98	338	19.235	48,76	9,38
23:00	29	98	356	19.235	48,76	9,38
20:00	29	98	318	19.235	48,76	9,38

Hari ke-41 (30 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	364	19.235	48,76	9,38
01:00	29	98	339	19.235	48,76	9,38
02:00	29	98	355	19.235	48,76	9,38
03:00	29	98	371	19.235	48,76	9,38
04:00	29	98	301	19.235	48,76	9,38
05:00	29	98	356	19.235	48,76	9,38
06:00	29	98	322	19.235	48,76	9,38
07:00	29	98	303	19.235	48,76	9,38
08:00	29	98	344	19.235	48,76	9,38
09:00	29	98	332	19.235	48,76	9,38
10:00	29	98	342	19.235	48,76	9,38
11:00	29	98	343	19.235	48,76	9,38
12:00	29	98	281	19.235	48,76	9,38
13:00	29	91	298	19.235	48,76	9,38
14:00	29	87	348	19.235	48,76	9,38
15:00	29	82	315	19.235	48,76	9,38
16:00	29	80	301	19.235	48,76	9,38
17:00	29	80	300	18.528	48,76	9,38
18:00	29	79	363	18.528	121,9	22,5
19:00	29	92	350	18.528	49,17	9,58
20:00	29	98	422	18.528	48,76	9,38
21:00	29	98	275	18.528	48,76	9,38
22:00	29	98	393	19.235	48,76	9,38
23:00	29	98	414	19.235	48,76	9,38

Hari ke-42 (31 Juli 2024)

WAKTU	SUHU (°C)	KELEMBABAN (%RH)	CO ₂ (ppm)	KAPASITAS AIR (ml)	KIPAS	POMPA
00:00	29	98	303	19.235	48,76	9,38
01:00	29	98	331	19.235	48,76	9,38
02:00	29	98	410	19.235	48,76	9,38
03:00	29	98	330	19.235	48,76	9,38
04:00	29	98	313	19.235	48,76	9,38
05:00	29	98	298	19.235	48,76	9,38
06:00	28	98	342	19.235	47,54	8,8
07:00	28	96	321	19.235	47,54	8,8
08:00	28	98	374	19.235	47,54	8,8
09:00	28	98	384	19.235	47,54	8,8
10:00	28	92	373	19.235	49,17	9,58
11:00	28	86	343	19.235	47,54	8,8
12:00	29	89	276	19.235	48,76	9,38
13:00	29	84	314	19.235	48,76	9,38
14:00	29	84	302	19.235	48,76	9,38

Hari ke-43 (1 Agustus 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	Kapasitas Air (ml)	KIPAS	POMPA
16:09	29	75	373	18.528	121,9	22,5
17:09	29	76	386	7.931	121,9	22,5
18:09	29	76	410	18.528	121,9	22,5
19:09	29	94	409	19.941	48,76	9,38
20:09	29	93	457	19.941	48,76	9,38
21:09	29	94	422	19.941	48,76	9,38
22:09	29	94	422	19.941	48,76	9,38
23:09	29	87	488	19.941	48,76	9,38

Hari ke-44 (2 Agustus 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	Kapasitas Air (ml)	KIPAS	POMPA
00:00	29	88	444	19.235	48,76	9,38
01:00	29	92	606	19.235	49,17	9,58
02:00	29	94	419	19.235	48,76	9,38
03:00	29	95	446	19.235	48,76	9,38
04:00	29	93	504	19.235	48,76	9,38
05:00	29	92	482	19.235	49,17	9,58
06:00	29	92	405	19.235	49,17	9,58
07:00	29	92	474	19.235	49,17	9,58
08:00	29	92	492	19.235	48,76	9,38
09:00	29	92	440	19.235	49,17	9,58
10:00	29	98	455	19.235	48,76	9,38
11:00	29	88	426	19.235	48,76	9,38
12:00	29	82	399	19.235	48,76	9,38
13:00	29	80	415	19.235	48,76	9,38
14:00	-	-	420	13.583	121,37	22,5
15:00	-	-	432	19.235	121,37	22,5
16:00	-	-	391	19.235	121,37	22,5

Hari ke-45 (3 Agustus 2024)

WAKTU	SUHU (°C)	KELEMBABAN (% RH)	CO ₂ (ppm)	Kapasitas Air (ml)	KIPAS	POMPA
09:00	28	74	952	-	121,37	22,5
10:00	28	69	417	-	121,37	22,5
11:00	28	68	463	-	121,37	22,5
12:00	28	63	373	-	121,37	22,5
13:00	28	62	398	-	121,37	22,5
14:00	28	63	453	-	121,37	22,5
15:00	29	61	426	-	121,9	22,5
16:00	28	93	122	-	48,9	9,388
17:00	29	60	349	-	121,9	22,5
18:00	29	62	690	-	121,9	22,5
19:00	29	68	814	-	121,9	22,5
20:00	28	72	764	-	121,37	22,5
21:00	28	65	762	-	121,37	22,5
22:00	28	66	628	-	121,37	22,5
23:00	28	65	797	-	121,37	22,5

Lampiran 8. Hasil Panen Percobaan Budidaya Konvensional dan Budidaya Modern berbasis Sistem Kendali Otomatis

Budidaya Konvensional	
	
Panen pada Sabtu, 26 Oktober 2024. Berat hasil panen 26 gr	

	
Panen pada Minggu, 3 November 2024. Berat hasil panen 24 gr	
Total hasil panen	
50 gr	

Budidaya Modern berbasis Sistem Kendali Otomatis	
	
Panen pada Jumat, 1 November 2024. Berat hasil panen 28 gr	

	
Panen pada Senin, 4 November 2024. Berat hasil panen 47 gr	

	
Panen pada Senin, 28 Oktober 2024. Bobot 48 gr	
Total hasil panen	123 gr

LEMBAR PERBAIKAN SKRIPSI

SISTEM KENDALI KUMBUNG JAMUR GUNA MEMPERTAHANKAN KONDISI LINGKUNGAN IDEAL MENGGUNAKAN FUZZY LOGIC

OLEH:

Tri Indah Wahyuningsi

D121 20 1018

Skripsi ini telah dipertahankan pada Ujian Akhir Sarjana tanggal 09 Oktober 2024.

Telah dilakukan perbaikan penulisan dan isi skripsi berdasarkan usulan dari penguji dan pembimbing skripsi.

Persetujuan perbaikan oleh tim penguji:

	Nama	Tanda Tangan
Ketua	Dr. Ir. Zahir Zainuddin, M.Sc.	
Anggota	Ir. Christoforus Yohannes, M.T.	
	Elly Warni, S.T., M.T.	

Persetujuan Perbaikan oleh pembimbing:

Pembimbing	Nama	Tanda Tangan
I	Dr. Ir. Zahir Zainuddin, M.Sc.	

DAFTAR PERBAIKAN

Tri Indah Wahyuningsi – D121201018

**SISTEM KENDALI KUMBUNG JAMUR GUNA MEMPERTAHANKAN KONDISI
LINGKUNGAN IDEAL MENGGUNAKAN FUZZY LOGIC**

No	Penjelasan Revisi	BAB
1.	Lakukan percobaan budidaya konvensional dan budidaya modern berbasis sistem kendali otomatis dan hitung total produksi jamur yang dipanen dari kedua metode tersebut	BAB III
2.	Tambahkan resolusi gambar	Bab II, III