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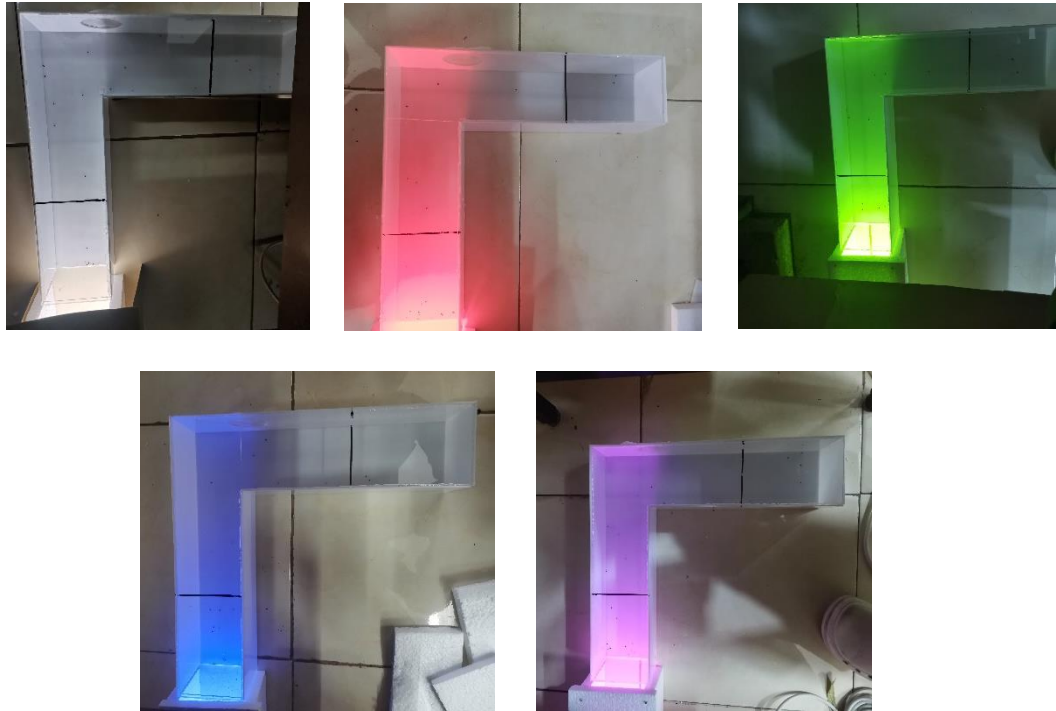
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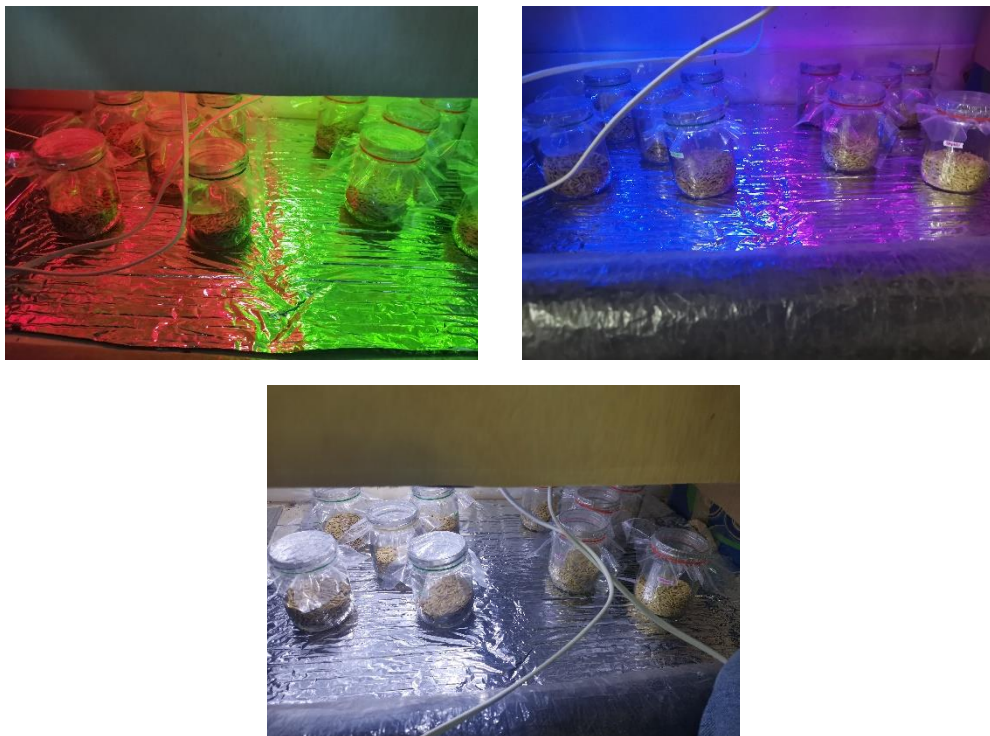
Gambar Lampiran 1. Pembuatan Arena Penelitian Preferensi dan Kotak Penelitian Pertumbuhan



Gambar Lampiran 2. Persiapan Penelitian Pertumbuhan *Rhizopertha dominica* pada berbagai Warna Lampu



Gambar Lampiran 3. Penelitian Prefrensi *Rhizopertha dominica* pada Berbagai Warna Lampu



Gambar Lampiran 4. Penelitian Pertumbuhan *Rhizopertha dominica* pada Berbagai Warna Lampu

Tabel Lampiran 1a. Data Hasil Pengamatan Kehadiran Serangga *Rhyzopertha dominica*

Warna	Ulangan	Jumlah Imago yang Hadir				
		6	12	24	36	48
Putih	1	5	7	10	10	9
	2	4	4	8	9	10
	3	6	8	9	11	11
	4	4	7	9	9	10
	5	6	4	11	11	11
Merah	1	15	14	16	18	21
	2	16	16	18	21	21
	3	14	19	19	20	21
	4	16	17	21	22	22
	5	11	18	23	20	20
Hijau	1	10	13	18	18	19
	2	11	15	18	19	20
	3	13	14	20	18	21
	4	12	12	19	20	20
	5	10	14	17	19	19
Biru	1	10	11	13	15	16
	2	8	10	15	16	18
	3	9	13	14	18	20
	4	11	14	15	17	19
	5	14	16	18	18	18
Ungu	1	8	10	14	16	16
	2	10	14	16	16	17
	3	12	13	15	17	18
	4	13	12	18	18	19
	5	11	14	15	15	16

Tabel Lampiran 1b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada 6 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	229.760	4	57.440	17.950	0.000
Within Groups	64.000	20	3.200		
Total	293.760	24			

Tabel Lampiran 2b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada 12 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	309.760	4	77.440	22.776	0.000
Within Groups	68.000	20	3.400		
Total	377.760	24			

Tabel Lampiran 3b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada 24 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	305.360	4	76.340	24.312	0.000
Within Groups	62.800	20	3.140		
Total	368.160	24			

Tabel Lampiran 4b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada 36 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	306.560	4	76.640	55.536	0.000
Within Groups	27.600	20	1.380		
Total	334.160	24			

Tabel Lampiran 5b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada 48 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	355.840	4	88.960	76.690	0.000
Within Groups	23.200	20	1.160		
Total	379.040	24			

Tabel Lampiran 6b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Putih

	SS	DF	MS	F	Sig
Between Groups	118.640	4	29.660	19.773	0.000
Within Groups	30.000	20	1.500		
Total	148.640	24			

Tabel Lampiran 7b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Merah

	SS	DF	MS	F	Sig
Between Groups	147.760	4	36.940	10.261	0.000
Within Groups	72.000	20	3.600		
Total	219.760	24			

Tabel Lampiran 8b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Hijau

	SS	DF	MS	F	Sig
Between Groups	280.960	4	70.240	61.614	0.000
Within Groups	22.800	20	1.140		
Total	303.760	24			

Tabel Lampiran 9b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Biru

	SS	DF	MS	F	Sig
Between Groups	194.160	4	48.540	13.190	0.000
Within Groups	73.600	20	3.680		
Total	267.760	24			

Tabel Lampiran 10b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya warna ungu

	SS	DF	MS	F	Sig
Between Groups	147.040	4	36.760	15.576	0.000
Within Groups	47.200	20	2.360		
Total	194.240	24			

Tabel 2a. Data Persentase Kehadiran Serangga *Rhyzopertha dominica*

Warna	Ulangan	Jumlah Imago yang Hadir				
		6	12	24	36	48
Putih	1	5	7	10	10	9
	2	4	4	8	9	10
	3	6	8	9	11	11
	4	4	7	9	9	10
	5	6	4	11	11	11
Merah	1	15	14	16	18	21
	2	16	16	18	21	21
	3	14	19	19	20	21
	4	16	17	21	22	22
	5	11	18	23	20	20
Hijau	1	10	13	18	18	19
	2	11	15	18	19	20
	3	13	14	20	18	21
	4	12	12	19	20	20
	5	10	14	17	19	19
Biru	1	10	11	13	15	16
	2	8	10	15	16	18
	3	9	13	14	18	20
	4	11	14	15	17	19
	5	14	16	18	18	18
Ungu	1	8	10	14	16	16
	2	10	14	16	16	17
	3	12	13	15	17	18
	4	13	12	18	18	19
	5	11	14	15	15	16

Tabel Lampiran 11b. Analisis Ragam Persentase Ketertarikan Serangga *Rhyzopertha dominica* pada 6 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	2,552.890	4	638.222	17.950	0.000
Within Groups	711.110	20	35.555		
Total	3,263.999	24			

Tabel Lampiran 12b. Analisis Ragam Persentase Ketertarikan Serangga *Rhyzopertha dominica* pada 12 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	3,442.220	4	860.555	22.776	0.000
Within Groups	755.671	20	37.784		
Total	4,197.891	24			

Tabel Lampiran 13b. Analisis Ragam Persentase Ketertarikan Serangga *Rhyzopertha dominica* pada 24 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	3,392.730	4	848.182	24.307	0.000
Within Groups	697.902	20	34.895		
Total	4,090.632	24			

Tabel Lampiran 14b. Analisis Ragam Persentase Ketertarikan Serangga *Rhyzopertha dominica* pada 36 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	3,406.111	4	851.528	55.522	0.000
Within Groups	306.733	20	15.337		
Total	3,712.845	24			

Tabel Lampiran 15b. Analisis Ragam Persentase Ketertarikan Serangga *Rhyzopertha dominica* pada 48 Jam Pengamatan.

	SS	DF	MS	F	Sig
Between Groups	3,953.761	4	988.440	76.652	0.000
Within Groups	257.902	20	12.895		
Total	4,211.663	24			

Tabel Lampiran 16b. Analisis Ragam Persentase Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Putih.

	SS	DF	MS	F	Sig
Between Groups	1,318.503	4	329.626	19.765	0.000
Within Groups	333.547	20	16.677		
Total	1,652.050	24			

Tabel Lampiran 17b. Analisis Ragam Persentase Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Merah.

	SS	DF	MS	F	Sig
Between Groups	1,641.796	4	410.449	10.263	0.000
Within Groups	799.827	20	39.991		
Total	2,441.622	24			

Tabel Lampiran 18b. Analisis Ragam Persentase Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Hijau.

	SS	DF	MS	F	Sig
Between Groups	3,121.937	4	780.484	61.594	0.000
Within Groups	253.427	20	12.671		
Total	3,375.364	24			

Tabel Lampiran 19b. Analisis Ragam Persentase Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Biru.

	SS	DF	MS	F	Sig
Between Groups	2,157.107	4	539.277	13.187	0.000
Within Groups	817.916	20	40.896		
Total	2,975.022	24			

Tabel Lampiran 20b. Analisis Ragam Persentase Kehadiran Serangga *Rhyzopertha dominica* pada Cahaya Warna Ungu.

	SS	DF	MS	F	Sig
Between Groups	1,633.617	4	408.404	15.574	0.000
Within Groups	524.462	20	26.223		
Total	2,158.079	24			

Tabel Lampiran 3a. Data Hasil Pengamatan Kehadiran Serangga *Rhyzopertha dominica* pada Berbagai Bagian Arena.

Warna	Ulangan	Waktu		
		zona terang	tidak memilih	zona gelap
Putih	1	9	4	17
	2	10	5	15
	3	11	3	16
	4	10	4	16
	5	11	3	16
Merah	1	19	6	5
	2	20	7	3
	3	21	5	4
	4	20	6	4
	5	19	8	3
Hijau	1	21	6	3
	2	21	6	3

Warna	Ulangan	Waktu		
		zona terang	tidak memilih	zona gelap
Biru	3	21	5	4
	4	22	4	4
	5	20	4	6
	1	16	8	6
	2	18	7	5
Ungu	3	20	5	5
	4	19	5	6
	5	18	9	3
	1	16	7	7
	2	17	5	8
	3	18	5	7
	4	19	7	4
	5	16	8	6

Tabel Lampiran 21b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Bagian Terang Arena

	SS	DF	MS	F	Sig
Between Groups	355.840	4	88.960	76.690	0.000
Within Groups	23.200	20	1.160		
Total	379.040	24			

Tabel Lampiran 22b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Bagian Tidak Memilih pada Arena

	SS	DF	MS	F	Sig
Between Groups	31.440	4	7.860	4.913	0.006
Within Groups	32.000	20	1.600		
Total	63.440	24			

Tabel Lampiran 23b. Analisis Ragam Kehadiran Serangga *Rhyzopertha dominica* pada Bagian Gelap Arena

	SS	DF	MS	F	Sig
Between Groups	522.960	4	130.740	100.569	0.000
Within Groups	26.000	20	1.300		
Total	548.960	24			

Tabel Lampiran 4a. Data Hasil Pengamatan Kehadiran Serangga Jantan dan Betina *Rhyzopertha dominica* pada Berbagai Warna Lampu.

Warna	Ulangan	Jenis Kelamin	
		Jantan	Betina
Putih	1	4	5
	2	6	4

Warna	Ulangan	Jenis Kelamin	
		Jantan	Betina
Merah	3	5	6
	4	3	7
	5	5	6
	1	10	11
	2	9	12
Hijau	3	8	13
	4	10	12
	5	9	11
	1	8	11
	2	10	10
Biru	3	9	12
	4	9	11
	5	7	12
	1	8	8
	2	9	9
Ungu	3	8	12
	4	10	9
	5	7	11
	1	9	7
	2	7	10
	3	8	10
	4	6	13
	5	9	7

Tabel Lampiran 24b. Analisis Ragam Kehadiran Serangga Jantan *Rhyzopertha dominica*.

	SS	DF	MS	F	Sig
Between Groups	65.840	4	16.460	13.063	0.000
Within Groups	25.200	20	1.260		
Total	91.040	24			

Tabel Lampiran 25b. Analisis Ragam Kehadiran Serangga Betina *Rhyzopertha dominica*

	SS	DF	MS	F	Sig
Between Groups	117.360	4	29.340	12.538	0.000
Within Groups	46.800	20	2.340		
Total	164.160	24			

Tabel Lampiran 5a. Data Hasil Pengamatan Jumlah Telur yang diletakkan Imago *Rhyzopertha dominica* pada Berbagai Warna Lampu.

Perlakuan	Ulangan				
	1	2	3	4	5
Putih	42	45	52	41	65
Merah	59	44	47	68	53

Perlakuan	Ulangan				
	1	2	3	4	5
Hijau	57	53	61	50	43
Biru	51	52	59	54	53
Ungu	49	53	55	61	39
Gelap	50	45	58	63	53

Tabel Lampiran 26b. Analisis Ragam Jumlah Telur yang diletakkan Serangga *Rhyzopertha dominica*

	SS	DF	MS	F	Sig
Between Groups	99.100	5	19.820	0.327	0.892
Within Groups	1454.400	24	60.600		
Total	1553.500	29			

Tabel Lampiran 6a. Data Hasil Pengamatan Imago Baru *Rhyzopertha dominica* pada Berbagai Warna Lampu.

Perlakuan	Ulangan				
	1	2	3	4	5
Putih	30	38	45	31	57
Merah	59	40	44	60	46
Hijau	57	49	50	40	38
Biru	45	42	59	54	47
Ungu	46	50	41	61	39
Gelap	47	43	53	60	49

Tabel Lampiran 27b. Analisis Ragam Jumlah Imago Baru Serangga *Rhyzopertha dominica*

	SS	DF	MS	F	Sig
Between Groups	354.667	5	70.933	0.978	0.451
Within Groups	1740.000	24	72.500		
Total	2094.667	29			

Tabel Lampiran 7a. Data Hasil Pengamatan Persentase Kehilangan Berat Benih Serangga *Rhyzopertha dominica*.

Perlakuan	Ulangan				
	1	2	3	4	5
Putih	0,58	0,11	0,42	0,46	0,88
Merah	0,36	0,57	0,93	0,21	0,46
Hijau	0,55	0,23	0,23	0,53	0,57
Biru	0,63	0,84	0,23	0,35	0,21
Ungu	0,40	0,44	1,23	0,12	0,52
Gelap	0,57	0,68	0,41	0,26	0,59

Tabel Lampiran 28b. Analisis Ragam Kehilangan Berat Benih Serangga *Rhyzopertha dominica*.

	SS	DF	MS	F	Sig
Between Groups	0.2163	5	0.0433	0.65	0.6624
Within Groups	1.5908	24	0.0663		
Total	1.807	29			

Tabel Lampiran 8a. Data Hasil Pengamatan Persentase Kerusakan Benih Serangga *Rhyzopertha dominica*.

Perlakuan	Ulangan				
	1	2	3	4	5
Putih	2,30	1,80	2,42	3,03	3,37
Merah	3,27	2,25	2,80	3,55	2,40
Hijau	3,36	2,81	2,92	2,52	2,35
Biru	2,48	2,30	3,04	2,80	3,24
Ungu	2,42	2,76	2,88	3,19	2,25
Gelap	3,02	2,53	3,20	3,53	2,58

Tabel Lampiran 39b. Analisis Ragam Kerusakan Benih Serangga *Rhyzopertha dominica*

	SS	DF	MS	F	Sig
Between Groups	0.1429	5	0.0286	0.15	0.9784
Within Groups	4.6063	24	0.1919		
Total	5.7491	29			