

LAMPIRAN

Lampiran 1

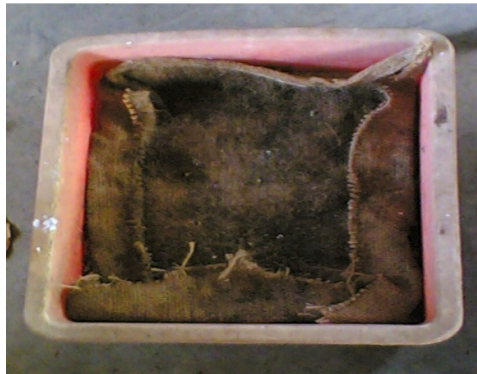
Dokumentasi Penelitian



Benih Sawi “Toksakan”



Pembuatan Pupuk Vermikompos



Vermikompos Siap Panen



Vermikompos



Persemaian Benih Sawi



Media Tanam Sawi



Benih sawi pada media penanaman



Sawi umur 14 Hst



Sawi Siap Panen



Sawi menggunakan media K



Sawi Menggunakan Media V



Sawi Menggunakan Media VK

Lampiran 2

Data Hasil Penelitian Tinggi Tanaman, Kadar Klorofil, Jumlah Daun, Bobot Basah, Bobot Kering, dan Panjang Akar Tanaman Sawi (*Brassica juncea* “Toksakan”).

2.1 Tinggi Tanaman Minggu Terakhir

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	32,60	28,40	29,60	30,10	31,90	32,40	30,83
K	32,40	34,30	29,90	28,70	27,50	24,70	29,58
VK	27,20	30,60	28,60	30,40	28,90	31,90	29,60
Rerata	30,73	31,10	29,37	29,73	29,43	29,67	

2.2 Kadar Klorofil Tanaman Sawi (*Brassica juncea* “Toksakan”) (mg/ml).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	114,85	108,55	122,81	122,81	124,23	120,31	118,93
K	113,66	118,12	130,40	113,44	118,85	125,81	120,05
VK	101,35	112,85	114,01	105,70	114,68	110,96	109,93
Rerata	109,95	113,17	122,41	113,98	119,25	119,03	

2.3 Jumlah Daun

Tabel Jumlah Daun Tanaman Sawi (*Brassica juncea* “Toksakan”).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	13,50	10,75	12,75	13,50	14,50	14,50	13,25
K	12,25	13,75	14,25	12,50	12,00	10,75	12,58
VK	12,50	14,00	13,00	13,50	13,25	13,50	13,29
Rerata	12,75	12,83	13,33	13,17	13,25	12,92	

2.4 Bobot Basah Tanaman Sawi (*Brassica juncea* “Toksakan”).

Tabel Bobot Basah Batang dan Daun Tanaman Sawi (*Brassica juncea* “Toksakan”).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	22,15	23,10	25,18	23,30	37,89	29,94	26,93
K	23,13	28,24	24,91	22,30	23,55	11,75	22,31
VK	19,65	26,16	19,55	25,00	28,40	28,09	24,48
Rerata	21,64	25,83	23,21	23,53	29,95	23,26	

Tabel Bobot Akar Tanaman Sawi (*Brassica juncea* “Toksakan”).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	3,63	2,16	5,92	5,66	5,34	2,67	4,23
K	3,79	5,35	4,84	3,05	4,53	1,53	3,85
VK	3,25	2,51	2,70	4,30	4,89	4,67	3,72
Rerata	3,56	3,34	4,49	4,34	4,92	2,96	

2.5 Bobot Kering Tanaman Sawi (*Brassica juncea* “Toksakan”) (gr).

Tabel Bobot Kering Batang dan Daun Tanaman Sawi (*Brassica juncea* “Toksakan”).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	0,976	1,145	1,180	1,473	1,684	1,116	1,262
K	1,005	1,297	1,264	1,154	1,089	0,617	1,071
VK	0,972	1,391	1,003	0,800	1,410	1,338	1,152
Rerata	0,984	1,278	1,149	1,142	1,394	1,024	

Tabel Bobot Kering Akar Tanaman Sawi (*Brassica juncea* “Toksakan”).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	0,552	0,262	0,378	0,512	0,335	0,323	0,394
K	0,333	0,276	0,519	0,449	0,347	0,117	0,340
VK	0,197	0,167	0,150	0,347	0,294	0,319	0,246
Rerata	0,361	0,235	0,349	0,436	0,325	0,253	

2.6 Panjang Akar Tanaman Sawi (*Brassica juncea* “Toksakan”) (cm).

Macam Kompos	Komposisi Macam Kompos						Rerata
	0%	20%	40%	60%	80%	100%	
V	24,75	22,60	25,35	25,05	27,03	32,48	26,21
K	23,28	23,55	21,20	29,75	32,18	27,98	26,32
VK	19,88	22,90	23,43	27,38	30,13	31,38	25,85
Rerata	22,64	23,02	23,33	27,39	29,78	30,61	

Lampiran 3.

Hasil Analisis Varian Tinggi Tanaman dan Kadar Klorofil Daun dan Uji DMRT
Kadar Klorofil

Tests of Between-Subjects Effects

Dependent Variable:tinggi_tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	381.024 ^a	17	22.413	1.447	.152
Intercept	64830.003	1	64830.003	4.184E3	.000
Macam_kompos	27.652	2	13.826	.892	.416
Komposisi_mcmkompos	31.392	5	6.278	.405	.843
Macam_kompos*komposisi_mcmkompos	321.980	10	32.198	2.078	.043
Error	836.683	54	15.494		
Total	66047.710	72			
Corrected Total	1217.707	71			

a. R Squared = ,313 (Adjusted R Squared = ,097)

Tests of Between-Subjects Effects

Dependent Variable:uji_klorofil

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3696.778 ^a	17	217.458	.953	.521
Intercept	973835.724	1	973835.724	4.268E3	.000
Macam_kompos	1477.350	2	738.675	3.238	.047
komposisi_mcmkompos	1306.434	5	261.287	1.145	.348
Mcm_kompos * komposisi_mcmkompos	912.993	10	91.299	.400	.941
Error	12320.707	54	228.161		
Total	989853.209	72			
Corrected Total	16017.485	71			

a. R Squared = ,231 (Adjusted R Squared = -,011)

uji_klorofil

Macam_kom pos		N	Subset	
			1	2
Duncan ^a	'pupuk VK'	24	109.926	
	'pupuk V'	24		118.926
	'pupuk K'	24		120.046
	Sig.		1.000	.798

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 228,161.

a. Uses Harmonic Mean Sample Size = 24,000.

Lampiran 4.

Hasil Analisis Kruskal Wallis Jumlah Daun Tanaman Sawi

Ranks			
Macam_kompos		N	Mean Rank
jumlah_daun	1	24	39.96
	2	24	30.65
	3	24	38.90
	Total	72	

Test Statistics ^{a,b}	
	jumlah_daun
Chi-Square	2.981
df	2
Asymp. Sig.	.225

a. Kruskal Wallis Test

b. Grouping Variable:
mcm_kompos

Ranks			
Komposisi_mcmkmps		N	Mean Rank
jumlah_daun	1	12	30.79
	2	12	35.38
	3	12	41.17
	4	12	35.71
	5	12	37.17
	6	12	38.79
	Total	72	

Test Statistics ^{a,b}	
	jumlah_daun
Chi-Square	1.777
df	5
Asymp. Sig.	.879

a. Kruskal Wallis Test

b. Grouping Variable:
komposisi_mcmkmps

Lampiran 5.

Hasil Analisis Varian Bobot Basah Batang Daun Tanaman Sawi dan Bobot Basah Akar

Tests of Between-Subjects Effects

Dependent Variable:berat_basah_batangdaun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1929.822 ^a	17	113.519	1.170	.319
Intercept	43236.132	1	43236.132	445.648	.000
Macam_kompos	276.775	2	138.388	1.426	.249
Komposisi_mcmkompos	532.547	5	106.509	1.098	.372
Macam_kompos * komposisi_mcmkompos	1120.500	10	112.050	1.155	.341
Error	5239.007	54	97.019		
Total	50404.962	72			
Corrected Total	7168.830	71			

a. R Squared = ,269 (Adjusted R Squared = ,039)

Tests of Between-Subjects Effects

Dependent Variable:berat_basahakar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	116.310 ^a	17	6.842	1.217	.283
Intercept	1111.797	1	1111.797	197.824	.000
Macam_kompos	3.372	2	1.686	.300	.742
Komposisi_mcmkompos	34.960	5	6.992	1.244	.302
Macam_kompos * komposisi_mcmkompos	77.978	10	7.798	1.387	.211
Error	303.487	54	5.620		
Total	1531.594	72			
Corrected Total	419.797	71			

a. R Squared = ,277 (Adjusted R Squared = ,049)

Lampiran 6.

Hasil Analisis Varian Bobot Kering Batang Daun Tanaman Sawi dan Hasil Uji DMRT Bobot Kering Batang Daun

Tests of Between-Subjects Effects

Dependent Variable: bobot_keringbtgdaun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6.490E6 ^a	17	381761.577	1.636	.087
Intercept	8.754E7	1	8.754E7	375.033	.000
Macam_kompos	1697238.876	2	848619.438	3.636	.033
Komposisi_mcmkompos	2218636.024	5	443727.205	1.901	.109
Macam_kompos * komposisi_mcmkompos	2574071.910	10	257407.191	1.103	.377
Error	1.260E7	54	233411.177		
Total	1.066E8	72			
Corrected Total	1.909E7	71			

a. R Squared = ,340 (Adjusted R Squared = ,132)

bobot_keringbtgdaun

Macam_kompos	N	Subset	
		1	2
Duncan ^a 'pupuk K'	24	895.34	
'pupuk VK'	24	1150.29	1150.29
'pupuk V'	24		1262.25
Sig.		.073	.426

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 233411,177.

a. Uses Harmonic Mean Sample Size = 24,000.

Lampiran 7.

Hasil Analisis Varian Bobot Kering Akar Tanaman Sawi dan Hasil Uji DMRT
Bobot Kering Akar

Tests of Between-Subjects Effects

Dependent Variable: berat_keringakar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.025E6 ^a	17	60276.206	.982	.491
Intercept	7484580.500	1	7484580.500	121.918	.000
Macam_kompos	375289.583	2	187644.792	3.057	.055
Komposisi_mcmkompos	204371.333	5	40874.267	.666	.651
Macam_kompos * komposisi_mcmkompos	445034.583	10	44503.458	.725	.698
Error	3315076.000	54	61390.296		
Total	1.182E7	72			
Corrected Total	4339771.500	71			

a. R Squared = ,236 (Adjusted R Squared = -,004)

berat_keringakar

Macam_kompos		N	Subset	
			1	2
Duncan ^a	'pupuk VK'	24	223.46	
	'pupuk K'	24	350.13	350.13
	'pupuk V'	24		393.67
	Sig.		.082	.545

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 61390,296.

a. Uses Harmonic Mean Sample Size = 24,000.

Lampiran 8.

Hasil Analisis Varian Panjang Akar Tanaman Sawi

Tests of Between-Subjects Effects

Dependent Variable: panjang_akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1005.030 ^a	17	59.119	6.264	.000
Intercept	49141.125	1	49141.125	5.207E3	.000
Macam_kompos	2.958	2	1.479	.157	.855
Komposisi_mcmkompos	776.648	5	155.330	16.457	.000
Macam_kompos*komposisi_mcmkompos	225.424	10	22.542	2.388	.020
Error	509.665	54	9.438		
Total	50655.820	72			
Corrected Total	1514.695	71			

a. R Squared = ,664 (Adjusted R Squared = ,558)

panjang_akar

Komposisi_mcmkompos	N	Subset		
		1	2	3
Duncan ^a				
'komposisi 0'	12	22.633		
'komposisi 20'	12	23.017		
'komposisi 40'	12	23.325		
'komposisi 60'	12		27.392	
'komposisi 80'	12		29.775	29.775
'komposisi 100'	12			30.608
Sig.		.608	.063	.509

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 9,438.

a. Uses Harmonic Mean Sample Size = 12,000.

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