

## DAFTAR PUSTAKA

- Adimihardja, A., I. Juarsah, dan U. Kurnia. 2000. Pengaruh penggunaan berbagai jenis dan takaran pupuk kandang terhadap produktivitas tanah Ultisols terdegradasi di Desa Batin, Jambi. hlm. 303-319 *dalam* Pros. Seminar Nasional Sumber Daya Tanah, Iklim, dan Pupuk. Buku II. Lido-Bogor, 6-8 Des.1999. Pusat Penelitian Tanah dan Agroklimat, Bogor.
- Agustina, Jumini, Dan Nurhayati .2015. Pengaruh Jenis Bahan Organik Terhadap Pertumbuhan Dan Hasil Dua Varietas Tomat (*Lycopersicum Esculentum Mill L.*) .Prodi Agroteknologi Fakultas Pertanian Universitas Syiah Kuala Darussalam. Banda Aceh.
- Badan Pusat Statistik. (2021). Statistik Kelapa Sawit Indonesia 2021. <https://www.bps.go.id/publication/download>.
- Baldock, J.A., Oades, J.M., Waters, A.G., Peng, X., Vassalo, A.M. and Wilson, M.A. 2007. Aspect of the chemical structure of soil organic materials as revealed by solid-state <sup>13</sup>C NMR spectroscopy. *Biogeochemistry* 16, 1-42.
- Diantoro, D. A. N., Ginting, C., & Kautsar, V. (2017). Pengaruh Tandan Kosong dan Pupuk P Terhadap Pertumbuhan *Mucuna bracteata*. *JURNAL AGROMAST*, 2(2).
- Djohana, 1989. *Pupuk dan Pemupukan. Simplex*. Jakarta.
- Dudung. 2013. *Pupuk Kandang*. PT. Citra Aji Parama, Yogyakarta
- Fahriza, M. A., Mu'in, A., & Setyawati, E. R. (2016). *Pengaruh Pemanfaatan Janjang Kosong Kelapa Sawit Sebagai Campuran Media Tanam dan Frekuensi Penyiraman Terhadap Pertumbuhan Mucuna bracteate*. *JURNAL AGROMAST*, 1 (2).
- Harahap, Imam Y, Hidayat, Pangaribuan, Simangunsong, Sutarta, Listia, Rahutomo, 2011. *Mucuna bracteata Pengembangan dan Pemanfaatannya di Perkebunan Kelapa Sawit*. Pusat Penelitian Kelapa Sawit Medan

- Lakitan, B. 1996. *Fisiologi Tumbuhan dan Perkembangan Tanaman*. Penerbit Grafindo Jakarta.
- Lili W. 2011. Pengaruh Jenis Pupuk Bokashi Kotoran Sapi Terhadap Pertumbuhan dan Hasil Jahe Merah (*Zingiber officinale* Rosc.). Fakultas Pertanian USU. Medan
- Mowidu, I. 2001. Peranan Bahan Organik dan Lempung Terhadap Agregasi dan Agihan Ukuran Pori pada Entisol. Tesis Pasca Sarjana. Universitas Gadjah Mada. Yogyakarta
- Ma'ruf A, Zulia C, Safruddin, 2017. *Legume Cover Crop* di Perkebunan Kelapa Sawit. Forthisa Karya. Jakarta.
- Neltrina, Novia. 2015. Pengaruh Dosis Pupuk Kandang Kotoran Sapi Terhadap Pertumbuhan dan hasil Ubi Jalar (*Ipomed batatas L.*) Skripsi. Fakultas Pertanian. Universitas Andalas, Padang
- Pahan I, 2008. *Panduan Lengkap Kelapa Sawit*. Bogor. Penebar Swadaya
- Purnomo, D., Parwati, W. D. U., & Rahayu, E. (2016). Pengaruh Dosis Pupuk P dan Jenis Pupuk Organik Terhadap Nodulasi Dan Pertumbuhan Bibit *Pueraria javanica*.
- Purwa. 2007. *Petunjuk Pemupukan yang Efektif*. Agromedia Pustaka. Jakarta
- Sarwono, E. 2008. Jurnal Pemanfaatan Janjang Kosong sebagai substitusi Pupuk Tanaman Kelapa Sawit. Universitas Mulawarman. Kalimantan Timur.
- Sunarko, I. (2014). *Budi Daya Kelapa Sawit di Berbagai Jenis Lahan*. AgroMedia.
- Wahyuni M, 2019. Biomassa Hijauan *Mucuna bracteata* dan Pengaruhnya Terhadap Kadar N Tanah di Perkebunan Kelapa Sawit. *Jurnal Agro Estate*. 3(2): 54-62.
- Wijayanti, H. 2008. Pengaruh Pemberian Kompos Limbah Padat Tempe Terhadap Sifat Fisik, Kimia Tanah Dan Pertumbuhan Tanaman Jagung (*Zea Mays*) Serta Efisiensi Terhadap Pupuk Urea Pada Entisol Wajak Malang. Skripsi Fakultas Pertanian Jurusan Tanah Program Studi Ilmu Tanah, Universitas Brawijaya. Malang

- Rizqiani, N.F., E. Ambarwati, dan N.W. Yuwono. 2007. Pengaruh Dosis dan Frekuensi Pemberian Pupuk Organik Cair terhadap Pertumbuhan dan Hasil Buncis (*Phaseolus vulgaris* L.) Dataran Rendah. *Jurnal Ilmu Tanah dan Lingkungan*. Universitas Gajah Mada, Yogyakarta. Vol. 7 : 43 - 53.
- Ziad, A. (2022). *Pengaruh Pemberian Pupuk Organik Kotoran Sapi Terhadap Pertumbuhan Bibit Mukuna (*Mucuna bracteata*)* [PhD Thesis]. Politeknik LPP Yogyakarta.

## LAMPIRAN

### Lampiran 1. Sidik ragam tinggi tanaman (cm)

#### Tests of Between-Subjects Effects

Dependent Variable: TT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	16986.972 <sup>a</sup>	11	1544.270	.761	.674
Intercept	2992323.361	1	2992323.361	1473.728	.000
Organik	6155.556	2	3077.778	1.516	.240
Dosis	2913.639	3	971.213	.478	.700
Organik * Dosis	7917.778	6	1319.630	.650	.690
Error	48730.667	24	2030.444		
Total	3058041.000	36			
Corrected Total	65717.639	35			

a. R Squared = ,258 (Adjusted R Squared = -,081)

### Lampiran 2. Sidik ragam jumlah daun

#### Tests of Between-Subjects Effects

Dependent Variable: JD

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	61055.889 <sup>a</sup>	11	5550.535	1.190	.344
Intercept	1379058.778	1	1379058.778	295.741	.000
Organik	14808.222	2	7404.111	1.588	.225
Dosis	20490.333	3	6830.111	1.465	.249
Organik * Dosis	25757.333	6	4292.889	.921	.498
Error	111913.333	24	4663.056		
Total	1552028.000	36			
Corrected Total	172969.222	35			

a. R Squared = ,353 (Adjusted R Squared = ,056)

Lampiran 3. Sidik ragam jumlah ruas

**Tests of Between-Subjects Effects**

Dependent Variable: JR

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6036.556 <sup>a</sup>	11	548.778	.998	.476
Intercept	150802.778	1	150802.778	274.173	.000
Organik	2076.222	2	1038.111	1.887	.173
Dosis	1685.000	3	561.667	1.021	.401
Organik * Dosis	2275.333	6	379.222	.689	.660
Error	13200.667	24	550.028		
Total	170040.000	36			
Corrected Total	19237.222	35			

a. R Squared = ,314 (Adjusted R Squared = -,001)

Lampiran 4. Sidik ragam diameter batang

**Tests of Between-Subjects Effects**

Dependent Variable: DB

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	12.510 <sup>a</sup>	11	1.137	2.132	.059
Intercept	670.810	1	670.810	1257.769	.000
Organik	4.487	2	2.243	4.206	.027
Dosis	1.859	3	.620	1.162	.345
Organik * Dosis	6.164	6	1.027	1.926	.117
Error	12.800	24	.533		
Total	696.120	36			
Corrected Total	25.310	35			

a. R Squared = ,494 (Adjusted R Squared = ,262)

Lampiran 5. Sidik ragam berat segar tajuk

**Tests of Between-Subjects Effects**

Dependent Variable: BST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	55277.455 <sup>a</sup>	11	5025.223	.907	.548
Intercept	574548.840	1	574548.840	103.735	.000
Organik	16896.677	2	8448.339	1.525	.238
Dosis	7032.053	3	2344.018	.423	.738
Organik * Dosis	31348.725	6	5224.787	.943	.483
Error	132927.479	24	5538.645		
Total	762753.775	36			
Corrected Total	188204.935	35			

a. R Squared = ,294 (Adjusted R Squared = -,030)

Lampiran 6. Sidik ragam berat kering tajuk

**Tests of Between-Subjects Effects**

Dependent Variable: BKT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	6590.741 <sup>a</sup>	11	599.158	.966	.500
Intercept	31563.668	1	31563.668	50.905	.000
Organik	2639.348	2	1319.674	2.128	.141
Dosis	815.706	3	271.902	.439	.728
Organik * Dosis	3135.686	6	522.614	.843	.550
Error	14881.345	24	620.056		
Total	53035.753	36			
Corrected Total	21472.085	35			

a. R Squared = ,307 (Adjusted R Squared = -,011)

Lampiran 7. Sidik ragam berat segar akar

**Tests of Between-Subjects Effects**

Dependent Variable: BSA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	612.288 <sup>a</sup>	11	55.663	.892	.560
Intercept	8452.964	1	8452.964	135.507	.000
Organik	189.313	2	94.656	1.517	.240
Dosis	224.989	3	74.996	1.202	.330
Organik * Dosis	197.986	6	32.998	.529	.781
Error	1497.126	24	62.380		
Total	10562.378	36			
Corrected Total	2109.414	35			

a. R Squared = ,290 (Adjusted R Squared = -,035)

Lampiran 8. Sidik ragam berat kering akar

**Tests of Between-Subjects Effects**

Dependent Variable: BKA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	68.115 <sup>a</sup>	11	6.192	.762	.672
Intercept	636.132	1	636.132	78.304	.000
Organik	10.602	2	5.301	.653	.530
Dosis	9.025	3	3.008	.370	.775
Organik * Dosis	48.488	6	8.081	.995	.451
Error	194.974	24	8.124		
Total	899.221	36			
Corrected Total	263.088	35			

a. R Squared = ,259 (Adjusted R Squared = -,081)

Lampiran 9. Sidik ragam Panjang akar

**Tests of Between-Subjects Effects**

Dependent Variable: PA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2420.667 <sup>a</sup>	11	220.061	.370	.956
Intercept	126736.000	1	126736.000	212.922	.000
Organik	3.167	2	1.583	.003	.997
Dosis	1170.889	3	390.296	.656	.587
Organik * Dosis	1246.611	6	207.769	.349	.903
Error	14285.333	24	595.222		
Total	143442.000	36			
Corrected Total	16706.000	35			

a. R Squared = ,145 (Adjusted R Squared = -,247)

Lampiran 10. Sidik ragam jumlah bintil akar

**Tests of Between-Subjects Effects**

Dependent Variable: JB

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2260.222 <sup>a</sup>	11	205.475	1.024	.457
Intercept	10677.778	1	10677.778	53.189	.000
Organik	640.889	2	320.444	1.596	.223
Dosis	665.111	3	221.704	1.104	.367
Organik * Dosis	954.222	6	159.037	.792	.585
Error	4818.000	24	200.750		
Total	17756.000	36			
Corrected Total	7078.222	35			

a. R Squared = ,319 (Adjusted R Squared = ,007)