

## DAFTAR PUSTAKA

- Akbari, W. A. 2015. Pemanfaatan Limbah Kulit Pisang dan Tanaman *Mucuna bracteata* sebagai Pupuk Kompos. *Jurnal Teknologi Lingkungan Lahan Basah*, 3(1), 1–10.
- Harahap, I. Y., T. C. Pangarubuan., Y, Simangunsong., G Sutarta., S. E . Eka., L. Rahutomo., 2011. *Mucuna bracteata*. Pusat Penelitian Kelapa Sawit.
- Hardjowigeno, S. 2015. *Ilmu Tanah*. Akademika Pressindo Jakarta.
- Juarsah, I. 2014. Pemanfaatan Pupuk Organik untuk Pertanian Organik dan Lingkungan Berkelanjutan. *Prosiding Seminar Nasional Pertanian Organik*, Bogor, 18-19 Juni 2014.
- Jutono. 1981. *Prospek Inokulum pada Peningkatan Produksi Kedelai dan Leguminosa Lainnya*. Departemen Mikrobiologi Fakultas Pertanian Universitas Gadjah Mada Yogyakarta.
- Lidya, C., P, Nasution., L, Aziz., M, Siregar., & S, Ilyas. 2013. Pengaruh Pertumbuhan Vegetatif Beberapa Varietas Kedelai Hitam dengan Pemberian Vermikompos pada Tanah Masam. *Jurnal Online Agroekoteknologi* 2(1): 47-53.
- Manik, F. B., Seno, Aji., S, Afriyanti., N. A, Agustina., J, Irni., B, Pratomo., 2020. Pengaruh Limbah Cair Pabrik Kelapa Sawit terhadap Pertumbuhan Bibit *Mucuna bracteata*. *Prosiding Seminar Nasional Lahan Suboptimalke-8 Tahun 2020*, 978–979.
- Pribadi, A. A., P, B, Hastuti., & T. N. B. Santosa. 2016. Pengaruh Dosis Kapur terhadap Nodulasi Beberapa Jenis Legumenose Cover Crop pada Tanah Gambut. *Jurnal Agromast*, 1(2), 1–12.
- Safitry, R. 2017. Aplikasi Hijauan dan Kompos *Mucuna bracteata* pada Tanaman Sawi Hijau (*Brassica juncea L.*). *JOM Faperta Univ Riau* 4(1): 1-10.
- Santi, L. ., & D. Goenadi,. 2012. Efektivitas Dolomit Teraktivasi yang Diperkaya dengan Bakteri Pelarut Fosfat sebagai Pengganti Kiserit pada Bibit Kakao. *Menara Perkebunan*, 80(1): 1–7.
- Sebayang, L. (2015). *Budidaya Mucuna bracteata pada Lahan Tanaman Gambir*. Balai Pengkajian Teknologi Pertanian Sumatra Utara.
- Siagian, N. 2012. Perbanyak Tanaman Kacangan Penutup Tanah *Mucuna bracteata* Melalui Benih, Stek Batang dan Penyusuan. *Warta Perkaretan*, 31(1): 21-34.

- Suryantini. 2015. Pembintilan dan Penambatan Nitrogen pada Tanaman Kacang Tanah. *Journal of Tropical Upland Resources* 1 (1): 234–250.
- Sutanto, R. 2002. Penerapan Pertanian Organik Masyarakat dan Pengembangannya. Kanisius Yogyakarta.
- Tabrani, W. S. H. G. 2015. *Influence Of Applications Of Dolomite and Phosphate. JOM Faperta Univ Riau* 4(2) 1-8.
- Simanjuntak, W., Hapsoh dan G, Tabrani. 2015. Influence of Applications of Dolomite and Phosphate on Growth and Yield of Peanut(*Arachis Hypogaea(L.)*).*JOM Faperta Univ Riau*2(2):1-15.
- Wahyuni, M. 2019. Pengaruh Kompos *Mucuna bracteata* dan Azotobacter Terhadap Pertumbuhan dan Kadar Nitrogen Bibit Kelapa Sawit *Available Online*. 3(2):54-62.
- Wahyuni, M., A, Triani. & M, Sembiring,. 2020. Pengaruh Kompos *Mucuna bracteata* dan Azotobacter Terhadap Pertumbuhan dan Kadar Nitrogen Bibit Kelapa Sawit. *Agrotekma: Jurnal Agroteknologi dan Ilmu Pertanian*, 4(2): 119–127.
- Yoshua, M. 2015. Pengaruh Pemberian Dolomit dan Pupuk Kandang Ayam terhadap Pertumbuhan dan Produksi Tanaman Kailan (*Brassica Oleraceae L.*). *JURNAL AGROTEKDA* 3(1):1–9.

LAMPIRAN 9 .

a. Sidik ragam (ANOVA) tinggi tanaman

**C. Tests of Between-Subjects Effects**

Dependent Variable: Tinggi\_Tanaman

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	16762713,00 <sup>a</sup>	20	838135,650	360,279	,000
Pupuk_Organik	40795,175	4	10198,794	4,384	,004
Pupuk_Dolomit	18020,050	3	6006,683	2,582	,062
Pupuk_Organik * Pupuk_Dolomit	37995,325	12	3166,277	1,361	,210
Error	139581,000	60	2326,350		
Total	16902294,00	80			

a. R Squared = .992 (Adjusted R Squared = .989)

2. Sidik ragam (ANOVA) jumlah daun

**Tests of Between-Subjects Effects**

Dependent Variable: Jumlah\_Daun

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	2197563,00 <sup>a</sup>	20	109878,150	347,954	,000
Pupuk_Organik	14023,825	4	3505,956	11,102	,000
Pupuk_Dolomit	1974,050	3	658,017	2,084	,112
Pupuk_Organik * Pupuk_Dolomit	4225,075	12	352,090	1,115	,365
Error	18947,000	60	315,783		
Total	2216510,00	80			

a. R Squared = .991 (Adjusted R Squared = .989)

### 3. Sidik ragam (ANOVA) berat segar tanaman

#### Tests of Between-Subjects Effects

Dependent Variable: Berat\_Segar\_Tanaman

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	1325482,188 <sup>a</sup>	20	66274,109	36,653	,000
Pupuk_Organik	15138,656	4	3784,664	2,093	,093
Pupuk_Dolomit	8489,334	3	2829,778	1,565	,207
Pupuk_Organik * Pupuk_Dolomit	21041,619	12	1753,468	,970	,487
Error	108487,563	60	1808,126		
Total	1433969,750	80			

a. R Squared = .924 (Adjusted R Squared = .899)

### 4. Sidik ragam (ANOVA) berat kering tanaman

#### Tests of Between-Subjects Effects

Dependent Variable: Berat\_Kering\_Tanaman

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	75196,807 <sup>a</sup>	20	3759,840	13,817	,000
Pupuk_Organik	1596,160	4	399,040	1,466	,224
Pupuk_Dolomit	778,118	3	259,373	,953	,421
Pupuk_Organik * Pupuk_Dolomit	3001,785	12	250,149	,919	,534
Error	16327,078	60	272,118		
Total	91523,885	80			

a. R Squared = .822 (Adjusted R Squared = .762)

### 5. Sidik ragam (ANOVA) berat segar akar

#### Tests of Between-Subjects Effects

Dependent Variable: Berat\_Segar\_Akar

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	23233,688 <sup>a</sup>	20	1161,684	33,655	,000
Pupuk_Organik	283,231	4	70,808	2,051	,099
Pupuk_Dolomit	64,884	3	21,628	,627	,601
Pupuk_Organik *	255,944	12	21,329	,618	,819
Pupuk_Dolomit					
Error	2071,063	60	34,518		
Total	25304,750	80			

a. R Squared = .918 (Adjusted R Squared = .891)

### 6. Sidik ragam (ANOVA) berat kering akar

#### Tests of Between-Subjects Effects

Dependent Variable: Berat\_Kering\_Akar

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	941,632 <sup>a</sup>	20	47,082	14,196	,000
Pupuk_Organik	18,446	4	4,611	1,390	,248
Pupuk_Dolomit	4,236	3	1,412	,426	,735
Pupuk_Organik *	30,439	12	2,537	,765	,683
Pupuk_Dolomit					
Error	198,998	60	3,317		
Total	1140,630	80			

a. R Squared = .826 (Adjusted R Squared = .767)

7. Sidik ragam (ANOVA) panjang akar

**Tests of Between-Subjects Effects**

Dependent Variable: Panjang\_Akar

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	179589,250 <sup>a</sup>	20	8979,463	27,225	,000
Pupuk_Organik	4782,700	4	1195,675	3,625	,010
Pupuk_Dolomit	430,738	3	143,579	,435	,729
Pupuk_Organik *	3528,200	12	294,017	,891	,560
Pupuk_Dolomit					
Error	19789,750	60	329,829		
Total	199379,000	80			

a. R Squared = .901 (Adjusted R Squared = .868)

8. Sidik ragam (ANOVA) berat bintil akar

**Tests of Between-Subjects Effects**

Dependent Variable: Berat\_Bintil\_Akar

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	2397,248 <sup>a</sup>	20	119,862	2,720	,001
Pupuk_Organik	55,576	4	13,894	,315	,867
Pupuk_Dolomit	151,383	3	50,461	1,145	,338
Pupuk_Organik *	463,277	12	38,606	,876	,575
Pupuk_Dolomit					
Error	2643,542	60	44,059		
Total	5040,790	80			

a. R Squared = .476 (Adjusted R Squared = .301)

9. Sidik ragam (ANOVA) jumlah bintil akar

**Tests of Between-Subjects Effects**

Dependent Variable: Jumlah\_Bintil\_Akar

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model <sup>a</sup>	314359,750	20	15717,988	6,066	,000
Pupuk_Organik	12906,250	4	3226,562	1,245	,302
Pupuk_Dolomit	3108,937	3	1036,312	,400	,754
Pupuk_Organik *	30961,750	12	2580,146	,996	,464
Pupuk_Dolomit					
Error	155457,250	60	2590,954		
Total	469817,000	80			

a. R Squared = .669 (Adjusted R Squared = .559)

10. Sidik ragam (ANOVA) jumlah bintil akar efektif

**Tests of Between-Subjects Effects**

Dependent Variable: Jumlah\_Bintil\_Akar\_Efektif

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model <sup>a</sup>	281620,750	20	14081,038	5,424	,000
Pupuk_Organik	13531,325	4	3382,831	1,303	,279
Pupuk_Dolomit	3221,837	3	1073,946	,414	,744
Pupuk_Organik *	29096,975	12	2424,748	,934	,520
Pupuk_Dolomit					
Error	155776,250	60	2596,271		
Total	437397,000	80			

a. R Squared = .644 (Adjusted R Squared = .525)

11. Sidik ragam (ANOVA) jumlah bintil akar tidak efektif

**Tests of Between-Subjects Effects**

Dependent Variable: Jumlah\_Bintil\_Akar\_Tidak\_Efektif

Source	Type III Sum of Squares	Df	Mean Square	F	Sig.
Model	1576,250 <sup>a</sup>	20	78,812	35,093	,000
Pupuk_Organik	8,425	4	2,106	,938	,448
Pupuk_Dolomit	4,637	3	1,546	,688	,563
Pupuk_Organik *	23,175	12	1,931	,860	,590
Pupuk_Dolomit					
Error	134,750	60	2,246		
Total	1711,000	80			

a. R Squared = .921 (Adjusted R Squared = .895)



LAMPIRAN DOKUMENTASI 10.

