

DAFTAR PUSTAKA

- Aldrian, E., Karmini, M., & Budiman. (2011). *Adaptasi dan mitigasi perubahan iklim di Indonesia* (Issue 2). Badan Meteorologi, Klimatologi, dan Geofisika (BMKG).
- Antari, R., Wawan, & Manurung, G. (2012). Pengaruh Pemberian Mulsa Organik Terhadap Sifat Fisik dan Kimia Tanah serta Pertumbuhan Akar Kelapa Sawit. *Jurnal Online Mahasiswa Unri*, 1, 1–13.
- Bariyanto, Nelvia, & Wardati. (2015). Pengaruh Pemberian KOMPOS Tandan Kosong Kelapa Sawit (TKKS) Pada Pertumbuhan Bibit Kelapa Sawit (*Elaeis guineensis* Jacq) Di Main-Nursery pada Medium Subsoil Ultisol. *JOM Faperta*, 2(1), 215.
- Corley, & Tinker, P. (2003). *The Oil Palm* (Fourth Edi). Blackwell Science.
- Haryanti, A., Norsamsi, N., Fanny Sholiha, P. S., & Putri, N. P. (2014). Studi Pemanfaatan Limbah Padat Kelapa Sawit. *Konversi*, 3(2), 20. <https://doi.org/10.20527/k.v3i2.161>
- Haryono. (2019). *Inventarisasi Gas Rumah Kaca dan Mitigasi Perubahan Iklim Sektor Pertanian* (Hermanto (ed.); Pedoman Um, Vol. 4, Issue 1). Jakarta. Badan Penelitian dan Pengembangan Pertanian.
- Indarti, D., Cakrabawa, Dewa, N., & Leli, N. (2014). *Outlook Komoditi Kelapa Sawit*. Pusat Data dan Informasi Pertanian.
- Kartasapoetra, A. G. (2006). *Klimatologi, Pengaruh Iklim Terhadap Tanah dan Tanaman*. PT Bumi Aksara.
- Kurniawan, A., Rusmarini, U. K., & Yuniasih, B. (2018). Kajian Curah Hujan Dan Defisit Air Terhadap Produksi Di Beberapa Divisi Kebun Kelapa Sawit (*Elaeis Guineensis* Jacq). *Jurnal Agromast*, 3(1), 5–24.
- Lubis, A. (1992). *Kelapa Sawit (Elaeis guineensis Jacq) di Indonesia*. Pusat Penelitian Perkebunan.
- Pahan, I. (2015). *Panduan Teknis Budidaya Kelapa Sawit Untuk Praktisi Perkebunan*. Penebar Swadya.
- Prayitno, S., Bambang, D., & Sunarminto, H. (2008). Produktivitas Kelapa Sawit (*Elaeis guineensis* Jacq) Yang Dipupuk Tandan Kosong Kelapa Sawit dan Limbah Cair Pabrik Kelapa Sawit, Oil Palm (*Elaeis Guineensis* Jacq) Productivity Which Is Fertilized With Empty Fruit Bunches and Palm Oil Mill Effluent. *Journal Ilmu Pertanian*, 15(1), 37–48.
- Silalahi, B. M., & Supijatno, . (2017). Pengelolaan Limbah Kelapa Sawit (*Elaeis guineensis* Jacq.) di Angsana Estate, Kalimantan Selatan. *Buletin Agrohorti*, 5(3), 373–383. <https://doi.org/10.29244/agrob.v5i3.16483>

- Sinuraya, R., & Lubis, H. (2011). Aplikasi Janjang Kosong Hasil Proses Pabrik Kelapa Sawit Sebagai Pengganti Pupuk Anorganik Mop Di Areal Tanaman Kelapa Sawit Belum Menghasilkan. *Jurnal Citra Widya Edukasi*, 3(2), 31–36.
- Sitio, Y., Wijana, G., & Raka, I. (2017). Pemanfaatan Tandan Kosong Kelapa Sawit Dan Pupuk Nitrogen Sebagai Substitusi Top Soil Terhadap Pertumbuhan Bibit Kelapa Sawit (*Elaeis Guineensis* Jacq.) Periodepre Nursery. *E-Jurnal Agroekoteknologi Tropika (Journal of Tropical Agroecotechnology)*, 4(4), 264–273.
- Sridhar, V., & Reddy, P. V. R. (2013). Climate-Resilient Horticulture: Adaptation and Mitigation Strategies. In *Climate-Resilient Horticulture: Adaptation and Mitigation Strategies*. Confederation of Horticultural Association of India (CHAI). https://doi.org/10.1007/978-81-322-0974-4_25
- Sulardi. (2022). *Budidaya Tanaman Kelapa Sawit* (A. Rasyid (ed.)). PT Dewangga Energi Internasional.
- Timlin, D., Rahman, S. M. L., Baker, J., Reddy, V. R., Fleisher, D., & Quebedeaux, B. (2006). Whole Plant Photosynthesis, Development, and Carbon Partitioning in Potato as a Function of Temperature. *Agronomy Journal*, 98(5), 1195–1203. <https://doi.org/10.2134/AGRONJ2005.0260>
- Wahid, M. A. A., Hanafi, N. F. F., Mohammad, M. N., Rahim, M. F. A., Roowi, S. H., Mokhtar, M. A. A., Norizan, M. S., & Khairuddin, M. N. (2021). Preliminary assessment on drought tolerance of oil palm in semi-arid area. *Future of Food: Journal on Food, Agriculture and Society*, 9(5), 1–8. <https://doi.org/https://doi.org/10.17170/kobra-202102144894>
- Warsito, J., Sabang, S. M., & Mustapa, K. (2017). Pembuatan Pupuk Organik Dari Limbah Tandan Kosong Kelapa Sawit. *Jurnal Akademika Kimia*, 5(1), 8. <https://doi.org/10.22487/j24775185.2016.v5.i1.7994>
- Wijayani, S., Wirianata, H., & Setyawan, H. (2022). Implementasi Kultur Teknis di Perkebunan Kelapa Sawit Rakyat dalam Menghadapi Dampak Perubahan Iklim, Oil Palm Nursery Study Program, Akademi Komunitas Perkebunan Yogyakarta. *Agricultural Journal*, 5(3), 584–591. <https://doi.org/10.37637/ab.v5i3.974>
- Woittiez, L. S., van Wijk, M. T., Slingerland, M., van Noordwijk, M., & Giller, K. E. (2017). Yield gaps in oil palm: A quantitative review of contributing factors. *European Journal of Agronomy*, 83, 57–77. <https://doi.org/10.1016/j.eja.2016.11.002>
- Zulfikri, S., Rohmiyati, S. M., & Y. Th. Maria Astuti. (2017). Produktivitas Kelapa Sawit Pada Lahan Mineral Lempung & Pasiran. *Jurnal Agromast*, 2(2).

LAMPIRAN

Lampiran 1. Tabel uji T vegetatif blok manual-focal feeder

	TT, focal	TT, Manual	LT, focal	LT, Manual
43. Mean	343,2	337,7488889	373,4	372,6888889
44. Variance	44,31793333	423,8402222	37,07586333	50,81601111
45. Observations	36	36	36	36
46. Pearson Correlation	0,000000000	Pearson Correlation	0,000000000	Pearson Correlation
47. Hypothesized Mean Diff	0	Hypothesized Mean Difference	0	Hypothesized Mean Difference
48. t Stat	0	t Stat	0	t Stat
49. P T <= t one-tail	1,000000000	P T <= t one-tail	1,000000000	P T <= t one-tail
50. t Critical one-tail	1,699127027	t Critical one-tail	1,699127027	t Critical one-tail
51. P T <= t two-tail	1,000000000	P T <= t two-tail	1,000000000	P T <= t two-tail
52. t Critical two-tail	1,699127027	t Critical two-tail	1,699127027	t Critical two-tail

Lampiran 2. Tabel uji T vegetatif blok manual-kombinasi

	TT, Manual	TT, Kombinasi	LT, Manual	LT, Kombinasi
Mean	337,7500000	372,6888889	373,4	372,6888889
Variance	44,31793333	423,8402222	37,07586333	50,81601111
Observations	36	36	36	36
Pearson Correlation	0,000000000	Pearson Correlation	0,000000000	Pearson Correlation
Hypothesized Mean Diff	0	Hypothesized Mean Difference	0	Hypothesized Mean Difference
t Stat	0	t Stat	0	t Stat
P T <= t one-tail	1,000000000	P T <= t one-tail	1,000000000	P T <= t one-tail
t Critical one-tail	1,699127027	t Critical one-tail	1,699127027	t Critical one-tail
P T <= t two-tail	1,000000000	P T <= t two-tail	1,000000000	P T <= t two-tail
t Critical two-tail	1,699127027	t Critical two-tail	1,699127027	t Critical two-tail

Lampiran 3. Tabel uji T vegetatif blok focal feeder-kombinasi

	TT, focal	TT, Kombinasi	LT, focal	LT, Kombinasi
Mean	343,2	372,6888889	373,4	372,6888889
Variance	44,31793333	423,8402222	37,07586333	50,81601111
Observations	36	36	36	36
Pearson Correlation	0,000000000	Pearson Correlation	0,000000000	Pearson Correlation
Hypothesized Mean Diff	0	Hypothesized Mean Difference	0	Hypothesized Mean Difference
t Stat	0	t Stat	0	t Stat
P T <= t one-tail	1,000000000	P T <= t one-tail	1,000000000	P T <= t one-tail
t Critical one-tail	1,699127027	t Critical one-tail	1,699127027	t Critical one-tail
P T <= t two-tail	1,000000000	P T <= t two-tail	1,000000000	P T <= t two-tail
t Critical two-tail	1,699127027	t Critical two-tail	1,699127027	t Critical two-tail

Lampiran 4. Historis Produksi 10 Tahun Terakhir

Tahun	Focal Feeder			Manual			Kombinasi		
	Tonase	Jumlah Janjang	Bjr	Tonase	Jumlah Janjang	Bjr	Tonase	Jumlah Janjang	Bjr
2014	110.0	35774	3.1	202.0	59009	3.4	102.0	33354	3.1
2015	78.0	21738	3.6	391.0	76126	5.1	112.0	29084	3.9
2016	253.0	58524	4.3	395.0	45111	8.8	184.0	37217	4.9
2017	399.0	77156	5.2	1143.0	118086	9.7	560.0	96512	5.8
2018	791.0	116812	6.8	1245.0	122274	10.2	725.0	114214	6.3
2019	484.8	63273	7.7	584.4	54429	10.7	412.0	54390	7.6
2020	390.4	45512	8.6	575.2	43495	13.2	393.0	43239	9.1
2021	347.8	40245	8.6	516.1	31192	16.5	339.0	33853	10.0
2022	658.8	60914	10.8	731.2	46083	15.9	294.8	29872	9.9
2023	124.0	10317	12.0	180.0	10954	16.4	55.0	4518	12.2

Lampiran 5. Tabel uji T iklim mikro blok kombinasi-manual

1-Fact Paired Test Sample for Means		2-Fact Paired Test Sample for Means		3-Fact Paired Test Sample for Means		4-Fact Paired Test Sample for Means		5-Fact Paired Test Sample for Means	
17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018
Mean	25.7	25.1 Mean	24.3	24.9 Mean	24.4	24.2 Mean	23.8	23.6 Mean	23.5
Var-ans	1.7888889	0.4 Variance	0.8	0.1 Variance	0.1888889	0.1777778 Variance	0.0844444	0.0033333 Variance	0.0022222 Variance
Observations	10	10 Observations	10	10 Observations	10	10 Observations	10	10 Observations	10
Person Correlation	0.440293	Person C 0.1111111111	Person C 0.4084829	Person Correl	0.4427026	Person C 0.02434832	Person C 0.12704177	Person C 0.12704177	Person Correlation
Aggregated Mean Diff:re	0	Aggregated S	0	Aggregated S	0	Aggregated S	0	Aggregated S	0
#	#	#	#	#	#	#	#	#	#
t Stat	-0.0144209	t Stat -0.0097974	t Stat 0.0517825	t Stat -0.0548026	t Stat -0.0120209	t Stat -0.0120209	t Stat 0.0120209	t Stat 0.0120209	t Stat 0.0120209
PT-adj p-val	0.9843628	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111	PT-adj p-val 0.1111111111
1-tail p-val	0.9843628	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111	1-tail p-val 0.1111111111
2-tail p-val	0.9687256	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222	2-tail p-val 0.2222222222

Lampiran 6. Tabel uji T iklim mikro blok manual-focal feeder

1-Fact Paired Test Sample for Means		2-Fact Paired Test Sample for Means		3-Fact Paired Test Sample for Means		4-Fact Paired Test Sample for Means		5-Fact Paired Test Sample for Means	
17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018
Mean	25.0	25.0 Mean	24.1	24.9 Mean	24.7	24.5 Mean	24.5	24.5 Mean	24.5
Var-ans	1.122744	0.0000000 Variance	1.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance
Observations	10	10 Observations	10	10 Observations	10	10 Observations	10	10 Observations	10
Person Correlation	0.6111770	Person C 0.1454545455	Person C 0.0299029	Person Correl	0.1128470	Person C 0.10000000	Person C 0.10000000	Person C 0.10000000	Person Correlation
Aggregated Mean Diff:re	0	Aggregated S	0	Aggregated S	0	Aggregated S	0	Aggregated S	0
#	#	#	#	#	#	#	#	#	#
t Stat	5.4138789	t Stat 0.10000000	t Stat 1.10000000	t Stat 0.10000000	t Stat 0.10000000	t Stat 0.10000000	t Stat 0.10000000	t Stat 0.10000000	t Stat 0.10000000
PT-adj p-val	0.0000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000
1-tail p-val	0.0000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000
2-tail p-val	0.0000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000

Lampiran 7. Tabel uji T iklim mikro blok focal feeder-kombinasi

1-Fact Paired Test Sample for Means		2-Fact Paired Test Sample for Means		3-Fact Paired Test Sample for Means		4-Fact Paired Test Sample for Means		5-Fact Paired Test Sample for Means	
17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018	17 Jan, 2018
Mean	25.0	25.0 Mean	24.1	24.9 Mean	24.7	24.5 Mean	24.5	24.5 Mean	24.5
Var-ans	0.0000000	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance	0.0000000 Variance
Observations	10	10 Observations	10	10 Observations	10	10 Observations	10	10 Observations	10
Person Correlation	0.2000000	Person C 0.0000000	Person C 0.0000000	Person Correl	0.0000000	Person C 0.0000000	Person C 0.0000000	Person C 0.0000000	Person Correlation
Aggregated Mean Diff:re	0	Aggregated S	0	Aggregated S	0	Aggregated S	0	Aggregated S	0
#	#	#	#	#	#	#	#	#	#
t Stat	0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000	t Stat 0.0000000
PT-adj p-val	0.9999999	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000	PT-adj p-val 0.10000000
1-tail p-val	0.9999999	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000	1-tail p-val 0.10000000
2-tail p-val	0.9999998	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000	2-tail p-val 0.20000000

Lampiran 8. Data Pengamatan Iklim Mikro

Iklim Mikro Blok Manual

Aplikasi Tankos	Suhu Tanah (°C)			Kelembaban Tanah (%)			Intensitas Sinar (Lux)			Suhu Udara (°C)			Kelembaban Udara (%)		
	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m
1	25	26	26	55%	55%	55%	967	1193	1120	26	26	26	88%	88%	88%
2	25	26	26	65%	60%	60%	1027	1138	1130	26	26	26	89%	88%	88%
3	25	26	27	60%	55%	50%	1011	1126	1262	26	26	26	88%	88%	88%
4	24	25	26	60%	60%	60%	989	1034	1016	25	26	27	89%	88%	88%
5	25	26	26	65%	55%	55%	996	1137	1122	25	26	26	89%	88%	86%
6	25	26	26	65%	55%	55%	1008	1119	1120	25	25	26	89%	89%	88%
7	26	26	26	60%	55%	55%	1136	1122	1118	26	25	26	89%	89%	88%
8	26	26	26	60%	55%	55%	1037	1126	1123	26	26	26	88%	88%	88%
9	25	26	27	60%	60%	50%	1088	1137	1219	26	26	26	88%	88%	88%
10	26	26	26	55%	55%	55%	1123	1129	1125	26	26	26	88%	88%	88%
Rata - Rata	25.2	25.9	26.2	61%	57%	55%	1038.2	1126.1	1135.5	25.7	25.8	26.1	89%	88%	88%

Iklim Mikro Blok Focal Feeder

Aplikasi Tankos	Suhu Tanah (°C)			Kelembaban Tanah (%)			Intensitas Sinar (Lux)			Suhu Udara (°C)			Kelembaban Udara (%)		
	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m
1	25	25	26	60	50	45	1809	1537	1363	27	27	27	88%	86%	86%
2	26	25	27	60	50	45	1167	1178	1291	28	28	28	88%	88%	88%
3	25	25	26	60	50	50	1083	1324	1211	25	26	27	88%	87%	87%
4	26	25	26	60	55	50	1042	1251	1024	25	27	27	88%	87%	87%
5	25	26	27	55	55	50	1123	1036	1008	25	26	26	88%	87%	88%
6	26	27	27	65	60	55	1861	1723	1883	26	26	26	89%	88%	88%
7	24	26	26	55	55	55	1241	1629	1998	26	26	26	89%	88%	88%
8	25	25	26	55	50	50	1623	1611	1332	25	26	26	90%	89%	89%
9	25	26	26	60	55	55	1211	1019	1026	26	27	27	89%	87%	87%
10	26	26	27	55	55	55	1119	1291	1013	25	25	26	90%	90%	89%
Rata - Rata	25.3	25.6	26	5850%	5350%	5100%	1327.9	1359.9	1314.9	26	26.4	27	89%	88%	88%

Iklim Mikro Blok Kombinasi

Aplikasi Tankos	Suhu Tanah (°C)			Kelembaban Tanah (%)			Intensitas Sinar (Lux)			Suhu Udara (°C)			Kelembaban Udara (%)		
	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m	0m	2m	4m
1	28	27	26	45%	55%	55%	808	2109	867	28	28	27	88%	88%	88%
2	27	27	27	64%	50%	50%	1211	1903	1211	26	27	27	91%	90%	90%
3	24	28	26	55%	45%	45%	965	1877	926	27	28	28	88%	86%	86%
4	26	26	26	60%	60%	60%	1800	1447	1138	26	26	27	89%	89%	90%
5	27	25	27	60%	55%	55%	995	966	978	25	26	26	90%	90%	90%
6	26	26	27	65%	50%	50%	1693	2053	1966	28	27	28	86%	88%	86%
7	25	26	26	65%	55%	55%	1733	1081	1021	27	27	27	88%	88%	90%
8	24	26	26	65%	55%	55%	2009	1119	1809	26	28	28	92%	86%	86%
9	25	27	26	60%	50%	50%	2036	1820	1790	27	27	27	88%	88%	89%
10	25	25	27	65%	60%	60%	1912	1736	1802	28	28	28	86%	86%	86%
Rata - Rata	25.7	26.3	26.4	60%	54%	54%	1516.2	1611.1	1350.8	26.8	27.2	27.3	89%	88%	88%

Lampiran 9. Historis Curah Hujan 10 Tahun Terakhir

TAHUN	CURAH HUJAN/BULAN (mm)												Total CH/Thn	Hari Hujan
	JANUARI	FEBRUARI	MARET	APRIL	MEI	JUNI	JULI	AGUSTUS	SEPTEMBER	OKTOBER	NOVEMBER	DESEMBER		
2013	175	278.9	116.8	366	551.8	187.1	383.5	56	146.5	0	44.2	262.8	2569	138
2014	100.3	77.3	132.6	178	231.7	193.5	37.4	139.1	0	174.1	341.7	401.1	2007	129
2015	410.7	397.5	186	60.3	99.6	4.3	32.5	8.4	0	57.1	348.1	434.1	2039	88
2016	310.4	315	207.5	294.7	309.1	183.3	284.1	21.2	167.8	281	212.3	250.9	2837	162
2017	362.9	253.2	100.7	352.1	171.4	159.8	212	160.1	81.1	106.3	359.6	250.9	2570	173
2018	293	164.9	423.5	241.6	555.3	224	21	20.1	82.5	393.3	271.2	538.4	3229	157
2019	243.3	429.2	175.5	482.5	102.5	291.7	45.6	15.4	15.1	147.7	260.5	490.6	2700	133
2020	449.1	324	472.9	338.1	403.8	352.2	382.8	97.3	126.1	338.7	666.7	230.5	4182	190
2021	577.7	267.3	253.1	200.8	245.3	254.4	223	323.5	596.5	321.5	574.7	732.2	4570	195
2022	284.7	403.9	167.9	274.3	280.6	348.9	178.4	405.2	565.7	695.9	325.6	434.9	4366	213
2023	322.9	109.7	496.7	282.1	52.8								1264	75

Lampiran 10. Historis Aplikasi Janjang Kosong 2020 – 2022

Area	Estate	Divisi	Blok	TT	Ha	Jmlh Pkk	Jenis Tanah	Perlakuan	Historis Yield				Historis Aplikasi Jangkos (Ton)			
									2019	2020	2021	2022	2019	2020	2021	2022
Area 7B	TMRE	4	P14	2012	29.66	4,457	Sandy	Focal Feeder	13	13	12	21	-	-	-	715
Area 7B	TMRE	4	P19	2011	22.22	3,182	Sandy	Kombinasi	12	13	11	12	-	-	-	534
Area 7B	TMRE	4	N21	2011	29.01	4,040	Sandy	Manual	21	20	18	23	-	-	15	495

Sumber : Kantor Wilayah PT KBAS

Lampiran 11. Realisasi Pemupukan Per Blok 2019 - 2022

Area	Estate	Divisi	Blok	Luas	Jumlah Pk	GHA	Tahun Tanam	Jenis Tanah	Pupukan Tahun 2021															
									NPK				Borax				Calsin				Sulphate			
									Rencana	Aktual	%	Saldo	Rencana	Aktual	%	Saldo	Rencana	Aktual	%	Saldo	Rencana	Aktual	%	Saldo
Area 7B	TMRE	3	F14a	25.80	4,421	100	2012		17,520	17,520	100	440	440	100	440	440	100	3,229	3,229	100	0	4,421		
Area 7B	TMRE	3	F15a	26.61	6,812	100	2012		15,440	15,440	100	401	401	100	401	401	100	3,826	3,826	100	0	6,812		
Area 7B	TMRE	3	F16a	28.00	6,104	100	2012		14,870	14,870	100	414	414	100	414	414	100	3,050	3,050	100	0	6,104		
Area 7B	TMRE	3	F17a	14.20	1,278	100	2012		6,877	6,877	100	169	169	100	169	169	100	1,481	1,481	100	0	1,278		
Area 7B	TMRE	3	F18a	31.02	6,201	100	2012		13,334	13,334	100	430	430	100	430	430	100	3,181	3,181	100	0	6,201		
Area 7B	TMRE	3	F19a	38.07	6,433	100	2011		13,525	13,525	100	444	444	100	444	444	100	2,710	2,710	100	0	6,433		
Area 7B	TMRE	3	F20a	32.36	6,668	100	2011		16,132	16,132	100	481	481	100	481	481	100	3,825	3,825	100	0	6,668		
Area 7B	TMRE	3	F21a	8.87	1,207	100	2011		2,577	2,544	99	139	136	98	0	0	0	0	0	0	0	1,207		
Area 7B	TMRE	3	F22a	9.49	1,196	100	2012		6,837	6,880	101	160	176	110	0	0	0	0	0	0	0	1,196		
Area 7B	TMRE	3	F23a	3.03	480	100	2012		2,919	1,928	66	40	40	100	0	0	0	0	0	0	0	480		
Area 7B	TMRE	3	F23b	12.80	1,811	100	2011		10,884	3,244	30	181	181	100	0	0	0	0	0	0	0	1,811		
Area 7B	TMRE	3	F27a	4.20	528	100	2012		1,952	3,701	190	36	36	100	0	0	0	0	0	0	0	528		

Lampiran 12. Pengambilan Data Vegetatif di Lapangan



Lampiran 13. Pengukuran Iklim Mikro di Lapangan

