

DAFTAR PUSTAKA

- Anonim. (n.d.). *Pengelolaan terbaik untuk perkebunan kelapa sawit di lahan datar dan berbukit*.
- Astuti, M., Harfiza, Yuningsih, E., Nasution, I. M., Mustikawati, D., & Wasingun, a. R. (2014). *Pedoman Budidaya Kelapa Sawit (Elaeis guineensis) yang Baik*.
- Azahari, & Delima, A. (2018). *Sawit Indonesia yang Berkelanjutan, Tantangan dan Kebijakan yang Diperlukan*. Jakarta: Badan Penelitian dan Pengembangan Pertanian.
- Dramaga, J. R. (2012). Pengelolaan Lahan Untuk Pengembangan Kelapa Sawit Di Indonesia. *Jurnal Sumberdaya Lahan*, 6(2), 55–66.
<https://doi.org/10.2018/jsdl.v6i2.6389>
- Imanudin, M. S., & Bakri. (2016). Budidaya Kelapa Sawit Berbasis Evaluasi Lahan. *Seminar dan Lokakarya Kelapa Sawit Terpadu dan Berkelanjutan*, 1–19.
- Lubis R.E, & Widanarko, A. (2011). *Kelapa Sawit*. Jakarta: PT. AgroMedia Pustaka.
- Pahan, I. (2006). *Panduan Lengkap Kelapa Sawit Manajemen Agribisnis dari Hulu hingga Hilir*. Jakarta: Penebar Swadaya.
- Management*), 9(3), 692–699. <https://doi.org/10.29244/jpsl.9.3.692-699>
- Setyamidjaja D. 2006. Kelapa Sawit Teknik Budidaya, Panen dan Pengolahan. Yogyakarta (ID): Kanisius.
- Triasmiaty, Listiyani, Mubaraq TZ. 2008. Manejemen panen kelapa sawit di PTPN III Kebun Aek Nabara Selatan Labuhan Batu Utara. *Buletin Ilmiah Insipter* : 15-23.

LAMPIRAN

LAMPIRAN 1. Data Curah Hujan 2011-2021

UNIT	TAHUN	JAN		FEB		MAR		APR		MEI		JUN		JUL		AGUST		SEP		OKT		NOP		DES	
		MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH	MM	HH
KILE	2021	252	13	102	6	325	13	369	14	164	9	246	7	82	5	404	14	163	8	386	13	366	9	294	12
	2020	292	11	270	12	295	8	693	15	389	10	151	5	156	7	203	7	140	8	493	14	266	14	223	6
	2019	158	17	268	19	321	14	203	16	152	9	115	10	28	5	28	5	105	5	272	6	266	9	248	17
	2018	98	6	259	17	692	22	142	7	261	11	9	2	92	5	200	6	447	10	357	16	293	21	156	15
	2017	125	6	443	17	517	20	457	14	469	15	97	3	138	11	269	8	150	14	208	16	470	19	227	15
	2016	306	16	301	15	402	22	509	12	96	10	172	7	275	10	227	10	126	6	139	8	140	24	115	4
	2015	98	7	135	9	398	25	352	19	314	9	216	9	49	3	65	5	16	1	40	2	325	18	195	14
	2014	228	7	137	4	182	6	343	9	225	6	187	6	78	4	230	8	98	4	70	5	389	17	344	14
	2013	550	15	395	11	328	11	98	5	80	7	80	5	67	4	80	5	185	10	250	12	337	16	150	8
	2012	45	3	385	12	164	8	215	7	195	10	-	-	95	6	-	-	70	4	467	16	445	17	465	12
	2011	411	20	470	17	471	15	193	11	132	7	64	7	244	12	165	9	240	11	231	13	290	15	103	5

Lampiran 2. Bulan Basah (BB), Bulan Lembab (BL), dan Bulan Keing (BK)

UNIT	TAHUN	JAN	FEB	MAR	APR	MEI	JUN	JUL	AGS	SEP	OKT	NOP	DES
KILE	2021	BB	BB	BB	BB	BB	BB	BL	BB	BB	BB	BB	BB
	2020	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
	2019	BB	BB	BB	BB	BB	BB	BK	BK	BB	BB	BB	BB
	2018	BL	BB	BB	BB	BB	BK	BL	BB	BB	BB	BB	BB
	2017	BB	BB	BB	BB	BB	BL	BB	BB	BB	BB	BB	BB
	2016	BB	BB	BB	BB	BL	BB	BB	BB	BB	BB	BB	BB
	2015	BL	BB	BB	BB	BB	BB	BK	BL	BK	BK	BB	BB
	2014	BB	BB	BB	BB	BB	BB	BL	BB	BL	BL	BB	BB
	2013	BB	BB	BB	BL	BL	BL	BL	BL	BB	BB	BB	BB
	2012	BL	BB	BB	BB	BB	BK	BL	BK	BL	BB	BB	BB
	2011	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB

Lampiran 3. Kadveld Panen

	BLOK	LuasHa	Total Ha	Jumlah Pokok	Jenis Areal
D1	A15	30,24	97,20	3.709	Bukit
	A16	34,67		4.818	
	A17	32,29		4.140	
	Total Pokok			12.667	
D2	A18	27,68	95,92	4.199	Bukit
	A02	29,93		4.987	
	A03	38,31		5.216	
	Total Pokok			14.402	
D3	A07	36,43	119,72	4.407	Datar
	A08	26,82		3.417	
	A09	38,31		4.991	
	A10	18,16		2.287	
	Total Pokok			15.102	
D4	A11	38,58	147,89	4.878	Bukit
	A12	33,90		4.112	
	A13	38,02		2.287	
	A14	37,39		5.031	
	Total Pokok			16.308	
D5	A19	18,11	79,50	2.910	Datar
	A20	25,14		3.114	
	A21	21,42		2.761	
	C05	14,83		1.777	
	Total Pokok			10.562	
D6	C01	25,98	119,01	2.235	Bukit
	C02	15,30		2.680	
	A04	16,03		2.024	
	A05	21,39		2.506	
	A01	24,49		1.771	
	A06	15,82		1.944	
	Total Pokok			13.160	
		659,24		151.242	

Lampiran 4. AKP KILE selama 1 tahun 2021

NO	Bulan	Lahan	Pokok Sampel	Tandan Matang di pokok	AKP (Persentase antara buah matang dengan pokok sampel)
1	Januari	Datar	152	147	97%
		Bukit		140	92%
2	Februari	Datar	131	128	98%
		Bukit		117	89%
3	Maret	Datar	127	135	106%
		Bukit		128	101%
4	April	Datar	134	135	101%
		Bukit		130	97%
5	Mei	Datar	151	103	68%
		Bukit		107	71%
6	Juni	Datar	124	94	76%
		Bukit		91	73%
7	Juli	Datar	113	90	80%
		Bukit		85	75%
8	Agustus	Datar	134	87	65%
		Bukit		79	59%
9	September	Datar	122	62	51%
		Bukit		73	60%
10	Oktober	Datar	119	60	50%
		Bukit		67	56%
11	November	Datar	137	61	45%
		Bukit		65	47%
12	Desember	Datar	135	95	70%
		Bukit		88	65%

Lampiran 4. Hasil analisis uji t kualitas TBS hasil panen

MENTAH

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	12	0.326	0.186	0.054
Bukit	12	0.558	0.278	0.080

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.2317	0.2364	(-0.4318, -0.0315)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
2.40	22	0.025

KURANG MATANG

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	12	2.79	1.38	0.40
Bukit	12	2.42	1.28	0.37

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.374	1.329	(-0.751, 1.499)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
0.69	22	0.018

WORKSHEET 1

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	12	90.89	3.98	1.1
Bukit	12	90.66	3.43	0.99

Estimation for Difference

Pooled 95% CI for		
Difference	StDev	Difference
0.23	3.71	(-2.92, 3.37)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
0.15	22	0.881

BUAH LEWAT MATANG

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	12	2.654	0.764	0.22
Bukit	12	3.62	1.07	0.31

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-0.962	0.930	(-1.750, -0.175)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.53	22	0.019

JANJANG KOSONG

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	12	0.463	0.287	0.083
Bukit	12	0.853	0.527	0.15

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-0.390	0.425	(-0.749, -0.031)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$
Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.25	22	0.035

Lampiran 7. Hasil Analisis Uji T pada durasi transport hasil panen lahan datar dan lahan bukit

TRANSPORT

Two-Sample T-Test and CI: Datar, Bukit

Method

μ_1 : mean of Datar

μ_2 : mean of Bukit

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
Datar	16	69.13	6.22	1.6
Bukit	16	101.6	12.7	3.2

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-32.50	10.02	(-39.73, -25.27)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
9.17	30	0.000