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LAMPIRAN

Lampiran 1.

Tabel 18. Hasil perhitungan konduktivitas termal kulit pisang ambon lumut pada temperatur ruangan 20℃

Waktu (t, min)	Temp. ruangan (T_0, ℃)	Temp. kulit luar (T_1, ℃)	Temp. kulit dalam (T_2, ℃)	Kond. termal kulit (W/m.K)	T_{film}	k_{fluida}	Viskositas kinematik (ν, m^2/s)	Prandtl (Pr)	Equiv. length (Lc, m)	Grashof (Gr)	Rayleigh (Ra)	Nusselt (Nu)	Koefisien konveksi (h, $W/m^2.K$)	Tebal kulit (L, m)
0	21.4	29.3	30.9	0.083	25.4	0.026	1.57E-05	0.7295	0.028	24902	18166	5.066	5.67	0.0029
5	21.3	28.1	29.2	0.105	24.7	0.025	1.56E-05	0.7297	0.028	21550	15725	4.891	5.49	0.0029
10	21.1	27.4	28.2	0.118	24.3	0.025	1.56E-05	0.7298	0.028	20113	14678	4.810	5.40	0.0029
15	21.2	26.8	27.5	0.122	24.0	0.025	1.55E-05	0.7299	0.028	17955	13105	4.680	5.26	0.0029
20	20.9	26.3	26.9	0.145	23.6	0.025	1.55E-05	0.7300	0.028	17411	12709	4.646	5.23	0.0029
25	20.8	25.9	26.3	0.176	23.4	0.025	1.55E-05	0.7300	0.028	16506	12050	4.587	5.17	0.0029
30	20.7	25.5	25.9	0.174	23.1	0.025	1.54E-05	0.7301	0.028	15378	11228	4.510	5.08	0.0029
35	20.7	25.1	25.5	0.163	22.9	0.025	1.54E-05	0.7301	0.028	14556	10628	4.451	5.02	0.0029
40	20.6	24.8	25.2	0.165	22.7	0.025	1.54E-05	0.7302	0.028	13722	10020	4.389	4.95	0.0029
45	20.5	24.6	24.9	0.158	22.5	0.025	1.54E-05	0.7302	0.028	13328	9732	4.359	4.92	0.0029
50	20.7	24.3	24.7	0.117	22.5	0.025	1.54E-05	0.7303	0.028	11916	8702	4.245	4.79	0.0029
55	20.4	24.1	24.5	0.126	22.3	0.025	1.54E-05	0.7303	0.028	11959	8734	4.248	4.80	0.0029
60	20.4	23.9	24.3	0.119	22.2	0.025	1.54E-05	0.7303	0.028	11425	8344	4.203	4.75	0.0029
65	20.5	23.7	23.9	0.222	22.1	0.025	1.54E-05	0.7304	0.028	10777	7871	4.146	4.69	0.0029
70	20.3	23.5	23.8	0.143	21.9	0.025	1.53E-05	0.7304	0.028	10482	7656	4.119	4.66	0.0029
75	20.2	23.2	23.6	0.109	21.7	0.025	1.53E-05	0.7304	0.028	9953	7270	4.069	4.61	0.0029
80	20.6	23.2	23.4	0.201	21.9	0.025	1.53E-05	0.7304	0.028	8600	6281	3.933	4.45	0.0029

85	20.7	22.9	23.1	0.115	21.8	0.025	1.53E-05	0.7304	0.028	7179	5244	3.772	4.27	0.0029
90	20.9	22.9	23.0	0.182	21.9	0.025	1.53E-05	0.7304	0.028	6619	4834	3.702	4.19	0.0029
95	20.9	22.8	22.9	0.171	21.9	0.025	1.53E-05	0.7304	0.028	6293	4596	3.659	4.14	0.0029
100	20.3	22.6	22.8	0.180	21.5	0.025	1.53E-05	0.7305	0.028	7887	5761	3.855	4.37	0.0029
105	20.2	22.6	22.8	0.128	21.4	0.025	1.53E-05	0.7305	0.028	7895	5767	3.855	4.37	0.0029
110	20.2	22.5	22.7	0.145	21.3	0.025	1.53E-05	0.7306	0.028	7680	5611	3.831	4.34	0.0029
115	20.2	22.5	22.7	0.122	21.3	0.025	1.53E-05	0.7306	0.028	7567	5528	3.818	4.33	0.0029
120	20.1	22.4	22.6	0.145	21.3	0.025	1.53E-05	0.7306	0.028	7688	5617	3.832	4.34	0.0029
125	20.1	22.3	22.5	0.135	21.2	0.025	1.53E-05	0.7306	0.028	7246	5294	3.780	4.28	0.0029
130	20.0	22.3	22.4	0.285	21.2	0.025	1.53E-05	0.7306	0.028	7586	5543	3.820	4.33	0.0029
135	20.0	22.2	22.4	0.137	21.1	0.025	1.53E-05	0.7306	0.028	7375	5388	3.795	4.30	0.0029
140	20.1	22.1	22.3	0.147	21.1	0.025	1.53E-05	0.7306	0.028	6701	4896	3.713	4.21	0.0029
145	19.9	22.1	22.1	0.412	21.0	0.025	1.52E-05	0.7306	0.028	7386	5397	3.797	4.31	0.0029
150	19.9	22.0	22.1	0.156	20.9	0.025	1.52E-05	0.7307	0.028	7056	5155	3.757	4.26	0.0029
155	20.3	21.9	22.0	0.181	21.1	0.025	1.53E-05	0.7306	0.028	5248	3834	3.511	3.98	0.0029
160	20.5	21.8	21.9	0.148	21.2	0.025	1.53E-05	0.7306	0.028	4463	3260	3.385	3.84	0.0029
165	20.5	21.7	21.9	0.098	21.1	0.025	1.53E-05	0.7306	0.028	4018	2936	3.307	3.75	0.0029
170	20.0	21.7	21.9	0.120	20.9	0.025	1.52E-05	0.7307	0.028	5718	4178	3.580	4.06	0.0029
175	19.9	21.7	21.8	0.215	20.8	0.025	1.52E-05	0.7307	0.028	6059	4427	3.628	4.12	0.0029
180	19.9	21.7	21.8	0.220	20.8	0.025	1.52E-05	0.7307	0.028	6169	4508	3.643	4.13	0.0029
185	19.9	21.8	21.9	0.165	20.9	0.025	1.52E-05	0.7307	0.028	6166	4505	3.643	4.13	0.0029
190	19.8	21.6	21.8	0.169	20.7	0.025	1.52E-05	0.7307	0.028	6293	4598	3.660	4.15	0.0029
195	19.7	21.6	21.7	0.176	20.6	0.025	1.52E-05	0.7307	0.028	6524	4768	3.690	4.19	0.0029
200	19.8	21.7	21.8	0.230	20.7	0.025	1.52E-05	0.7307	0.028	6404	4679	3.674	4.17	0.0029
205	19.6	21.5	21.7	0.173	20.6	0.025	1.52E-05	0.7307	0.028	6417	4689	3.676	4.17	0.0029

210	19.7	21.5	21.6	0.161	20.6	0.025	1.52E-05	0.7307	0.028	6078	4441	3.631	4.12	0.0029
215	19.6	21.5	21.6	0.338	20.6	0.025	1.52E-05	0.7308	0.028	6306	4608	3.662	4.16	0.0029
220	19.4	21.4	21.5	0.184	20.4	0.025	1.52E-05	0.7308	0.028	6774	4950	3.722	4.23	0.0029
225	19.5	21.3	21.5	0.129	20.4	0.025	1.52E-05	0.7308	0.028	6093	4453	3.633	4.13	0.0029
230	19.5	21.3	21.4	0.215	20.4	0.025	1.52E-05	0.7308	0.028	6093	4453	3.633	4.13	0.0029
235	19.4	21.3	21.4	0.230	20.4	0.025	1.52E-05	0.7308	0.028	6437	4704	3.679	4.18	0.0029
240	19.5	21.3	21.4	0.162	20.4	0.025	1.52E-05	0.7308	0.028	6096	4455	3.633	4.13	0.0029

Tabel 19. Hasil perhitungan konduktivitas termal kulit pisang ambon lumut pada temperatur ruangan 22°C

Waktu (t, min)	**Temp. ruangan (T_0, ℃)**	**Temp. kulit luar (T_1, ℃)**	**Temp. kulit dalam (T_2, ℃)**	**Kond. termal kulit (W/m.K)**	**T_{film}**	**k_{fluida}**	**Viskositas kinematik (v, m^2/s)**	**Prandtl (Pr)**	**Equiv. length (Lc, m)**	**Grashof (Gr)**	**Rayleigh (Ra)**	**Nusselt (Nu)**	**Koefisien konveksi (h, $W/m^2.K$)**	**Tebal kulit (L, m)**
0	22.2	28.9	30.1	0.089	25.5	0.026	1.57E-05	0.7295	0.0286	21137	15419	4.867	5.449	0.0029
5	22.5	27.8	28.9	0.059	25.1	0.026	1.56E-05	0.7296	0.0286	16704	12186	4.772	4.257	0.0029
10	22.6	27.4	28.2	0.068	25.0	0.026	1.56E-05	0.7296	0.0286	15162	11062	4.665	4.160	0.0029
15	22.5	26.9	27.8	0.059	24.7	0.025	1.56E-05	0.7297	0.0286	14115	10300	4.587	4.088	0.0029
20	21.7	26.7	27.4	0.087	24.2	0.025	1.55E-05	0.7298	0.0286	15987	11667	4.723	4.203	0.0029
25	22.1	26.2	27.0	0.064	24.2	0.025	1.55E-05	0.7298	0.0286	13109	9567	4.509	4.012	0.0029
30	22.4	26.1	26.5	0.092	24.2	0.025	1.55E-05	0.7298	0.0286	11657	8507	4.388	3.905	0.0029
35	22.4	25.8	26.3	0.076	24.1	0.025	1.55E-05	0.7298	0.0286	10879	7940	4.318	3.842	0.0029
40	22.6	25.6	26.1	0.074	24.1	0.025	1.55E-05	0.7298	0.0286	9763	7125	4.212	3.747	0.0029
45	22.7	25.5	25.9	0.065	24.1	0.025	1.55E-05	0.7298	0.0286	8803	6425	4.114	3.659	0.0029
50	21.9	25.1	25.6	0.070	23.5	0.025	1.55E-05	0.7300	0.0286	10333	7543	4.268	3.790	0.0029
55	21.6	25.1	25.5	0.098	23.4	0.025	1.55E-05	0.7300	0.0286	11328	8270	4.359	3.870	0.0029

60	21.8	24.9	25.3	0.097	23.4	0.025	1.55E-05	0.7300	0.0286	10033	7325	4.239	3.763	0.0029
65	22.4	24.8	25.0	0.099	23.6	0.025	1.55E-05	0.7300	0.0286	7744	5653	3.996	3.549	0.0029
70	22.4	24.6	24.9	0.072	23.5	0.025	1.55E-05	0.7300	0.0286	6945	5070	3.899	3.462	0.0029
75	22.4	24.4	24.8	0.056	23.4	0.025	1.55E-05	0.7300	0.0286	6468	4722	3.837	3.406	0.0029
80	22.3	24.5	24.7	0.089	23.4	0.025	1.55E-05	0.7300	0.0286	7120	5198	3.921	3.480	0.0029
85	21.6	24.4	24.7	0.097	23.0	0.025	1.54E-05	0.7301	0.0286	8952	6536	4.130	3.662	0.0029
90	21.4	24.2	24.5	0.097	22.8	0.025	1.54E-05	0.7302	0.0286	8979	6556	4.133	3.663	0.0029
95	21.8	24.1	24.4	0.078	22.9	0.025	1.54E-05	0.7301	0.0286	7495	5473	3.967	3.516	0.0029
100	22.3	24.0	24.2	0.081	23.1	0.025	1.54E-05	0.7301	0.0286	5523	4032	3.704	3.285	0.0029
105	22.2	23.8	24.1	0.048	23.0	0.025	1.54E-05	0.7301	0.0286	5045	3684	3.630	3.219	0.0029
110	22.3	23.9	24.1	0.100	23.1	0.025	1.54E-05	0.7301	0.0286	5198	3795	3.654	3.242	0.0029
115	22.0	23.8	23.9	0.116	22.9	0.025	1.54E-05	0.7302	0.0286	5871	4286	3.755	3.328	0.0029
120	22.8	23.9	23.9	0.000	23.3	0.025	1.55E-05	0.7300	0.0286	3400	2482	3.330	2.955	0.0029
125	23.1	23.7	23.7	0.000	23.4	0.025	1.55E-05	0.7300	0.0286	1940	1417	2.955	2.623	0.0029
130	22.6	23.5	23.6	0.046	23.0	0.025	1.54E-05	0.7301	0.0286	2765	2019	3.185	2.824	0.0029
135	22.5	23.6	23.7	0.060	23.0	0.025	1.54E-05	0.7301	0.0286	3415	2494	3.333	2.956	0.0029
140	22.4	23.5	23.7	0.064	23.0	0.025	1.54E-05	0.7301	0.0286	3582	2615	3.368	2.986	0.0029
145	22.5	23.6	23.7	0.090	23.0	0.025	1.54E-05	0.7301	0.0286	3415	2494	3.333	2.956	0.0029
150	21.7	23.6	23.8	0.072	22.6	0.025	1.54E-05	0.7302	0.0286	6054	4421	3.781	3.349	0.0029
155	21.5	23.5	23.8	0.066	22.5	0.025	1.54E-05	0.7303	0.0286	6558	4789	3.849	3.408	0.0029
160	21.4	23.5	23.7	0.108	22.4	0.025	1.54E-05	0.7303	0.0286	7058	5154	3.913	3.464	0.0029
165	22.2	23.5	23.7	0.082	22.8	0.025	1.54E-05	0.7302	0.0286	4405	3216	3.523	3.123	0.0029
170	22.4	23.5	23.6	0.095	22.9	0.025	1.54E-05	0.7301	0.0286	3585	2617	3.368	2.986	0.0029
175	22.4	23.5	23.5	0.191	22.9	0.025	1.54E-05	0.7301	0.0286	3585	2617	3.368	2.986	0.0029
180	22.8	23.6	23.6	0.129	23.2	0.025	1.54E-05	0.7301	0.0286	2597	1896	3.143	2.788	0.0029

185	22.4	23.4	23.5	0.170	22.9	0.025	1.54E-05	0.7301	0.0286	3259	2379	3.299	2.925	0.0029
190	21.9	23.3	23.4	0.128	22.6	0.025	1.54E-05	0.7302	0.0286	4583	3347	3.554	3.148	0.0029
195	22.2	23.4	23.5	0.101	22.8	0.025	1.54E-05	0.7302	0.0286	3755	2742	3.402	3.015	0.0029
200	22.4	23.3	23.5	0.053	22.8	0.025	1.54E-05	0.7302	0.0286	3100	2263	3.264	2.893	0.0029
205	22.5	23.4	23.5	0.075	22.9	0.025	1.54E-05	0.7301	0.0286	2933	2142	3.225	2.859	0.0029
210	22.5	23.4	23.5	0.075	23.0	0.025	1.54E-05	0.7301	0.0286	2931	2140	3.225	2.859	0.0029
215	21.5	23.4	23.5	0.120	22.4	0.025	1.54E-05	0.7303	0.0286	6073	4435	3.783	3.349	0.0029
220	21.4	23.3	23.5	0.093	22.3	0.025	1.54E-05	0.7303	0.0286	6249	4564	3.808	3.370	0.0029
225	22.2	23.5	23.4	-0.234	22.8	0.025	1.54E-05	0.7302	0.0286	4243	3098	3.494	3.097	0.0029
230	23.3	23.4	23.4	0.011	23.3	0.025	1.55E-05	0.7300	0.0286	324	236	2.075	1.842	0.0029
235	23.5	23.4	23.2	0.000	23.4	0.025	1.55E-05	0.7300	0.0286	-323	-236	0	0	0.0029
240	22.9	23.4	23.4	0.000	23.1	0.025	1.54E-05	0.7301	0.0286	1786	1304	2.904	2.577	0.0029

Tabel 20. Hasil perhitungan konduktivitas termal kulit pisang ambon lumut pada temperatur ruangan 24℃

Waktu (t, min)	**Temp. ruangan (T_0, ℃)**	**Temp. kulit luar (T_1, ℃)**	**Temp. kulit dalam (T_2, ℃)**	**Kond. termal kulit (W/m.K)**	**T_{film}**	**k_{fluida}**	**Viskositas kinematik (ν, m^2/s)**	**Prandtl (Pr)**	**Equiv. length (Lc, m)**	**Grashof (Gr)**	**Rayleigh (Ra)**	**Nusselt (Nu)**	**Koefisien konveksi (h, $W/m^2.K$)**	**Tebal kulit (L, m)**
0	25.7	29.5	29.9	0.108	27.6	0.026	1.59E-05	0.7289	0.0286	11332	8260	4.192	4.664	0.0029
5	24.8	28.9	29.3	0.155	26.9	0.026	1.58E-05	0.7291	0.0286	12579	9171	4.297	4.791	0.0029
10	24.1	28.4	28.7	0.202	26.3	0.026	1.57E-05	0.7292	0.0286	13312	9708	4.355	4.865	0.0029
15	24.3	28.1	28.2	0.527	26.2	0.026	1.57E-05	0.7293	0.0286	11885	8668	4.240	4.737	0.0029
20	24.8	27.9	27.9	1.198	26.3	0.026	1.57E-05	0.7292	0.0286	9487	6918	4.021	4.491	0.0029
25	25.0	27.6	27.6	0	26.3	0.026	1.57E-05	0.7292	0.0286	7942	5792	3.858	4.309	0.0029
30	25.6	27.5	27.5	-0.339	26.6	0.026	1.58E-05	0.7292	0.0286	5960	4346	3.612	4.031	0.0029

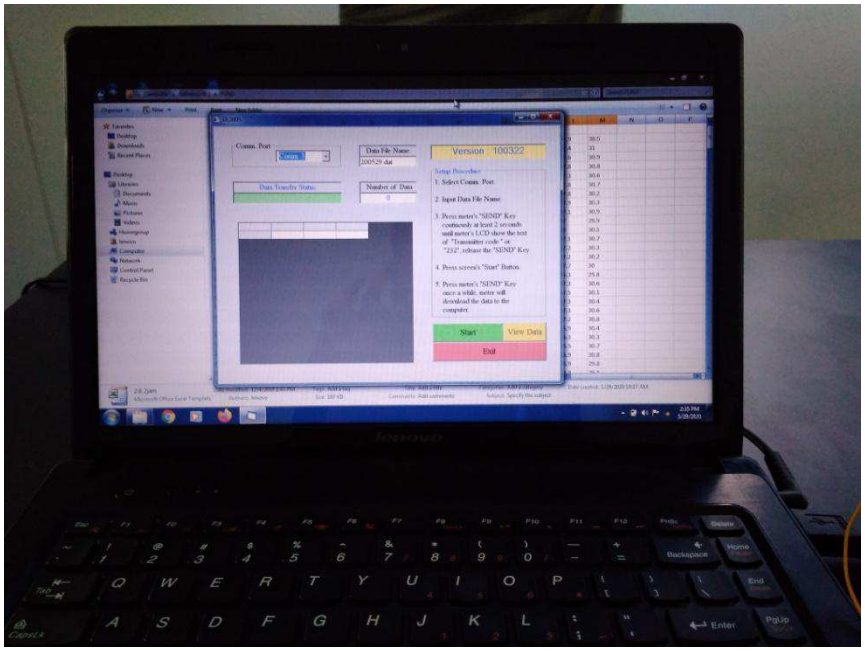
35	25.2	27.3	27.2	-0.369	26.3	0.026	1.57E-05	0.7292	0.0286	6400	4667	3.671	4.101	0.0029
40	25.2	27.2	27.1	-0.347	26.2	0.026	1.57E-05	0.7293	0.0286	6095	4445	3.631	4.056	0.0029
45	25.3	27.1	27.0	-0.208	26.2	0.026	1.57E-05	0.7293	0.0286	5580	4069	3.558	3.976	0.0029
50	25.0	26.9	26.8	-0.170	25.9	0.026	1.57E-05	0.7293	0.0286	6017	4388	3.620	4.048	0.0029
55	24.6	26.8	26.7	-0.770	25.7	0.026	1.57E-05	0.7294	0.0286	6663	4860	3.706	4.146	0.0029
60	24.7	26.7	26.6	-0.341	25.7	0.026	1.57E-05	0.7294	0.0286	6038	4404	3.623	4.054	0.0029
65	25.4	26.5	26.4	-0.164	25.9	0.026	1.57E-05	0.7293	0.0286	3320	2421	3.167	3.542	0.0029
70	24.5	26.3	26.4	0.209	25.4	0.026	1.57E-05	0.7295	0.0286	5647	4120	3.568	3.996	0.0029
75	24.2	26.2	26.3	0.742	25.2	0.026	1.56E-05	0.7295	0.0286	6503	4745	3.685	4.129	0.0029
80	25.0	26.2	26.2	0.380	25.6	0.026	1.57E-05	0.7294	0.0286	3753	2738	3.255	3.643	0.0029
85	25.0	26.1	26.1	-0.184	25.6	0.026	1.57E-05	0.7294	0.0286	3652	2664	3.235	3.621	0.0029
90	24.9	26.2	26.1	-0.210	25.6	0.026	1.57E-05	0.7294	0.0286	4069	2968	3.314	3.710	0.0029
95	24.9	26.1	26.0	-0.098	25.5	0.026	1.57E-05	0.7295	0.0286	3863	2818	3.276	3.667	0.0029
100	24.2	25.9	25.9	-0.299	25.1	0.026	1.56E-05	0.7296	0.0286	5466	3988	3.542	3.970	0.0029
105	25.2	25.9	25.8	-0.070	25.5	0.026	1.57E-05	0.7295	0.0286	2296	1675	2.922	3.271	0.0029
110	25.0	25.9	25.7	-0.067	25.4	0.026	1.57E-05	0.7295	0.0286	2823	2059	3.057	3.423	0.0029
115	25.2	25.8	25.8	-0.164	25.5	0.026	1.57E-05	0.7295	0.0286	1880	1371	2.799	3.134	0.0029
120	25.3	25.9	25.8	-0.051	25.6	0.026	1.57E-05	0.7294	0.0286	1773	1293	2.764	3.094	0.0029
125	25.2	25.8	25.8	-0.164	25.5	0.026	1.57E-05	0.7295	0.0286	1879	1370	2.799	3.133	0.0029
130	25.0	25.7	25.7	-0.104	25.4	0.026	1.57E-05	0.7295	0.0286	2302	1679	2.924	3.275	0.0029
135	24.4	25.7	25.7	0	25.0	0.026	1.56E-05	0.7296	0.0286	3996	2915	3.301	3.701	0.0029
140	24.9	25.7	25.6	-0.110	25.3	0.026	1.56E-05	0.7295	0.0286	2408	1757	2.953	3.307	0.0029
145	24.6	25.6	25.5	-0.146	25.1	0.026	1.56E-05	0.7296	0.0286	3046	2222	3.108	3.484	0.0029
150	24.7	25.5	25.4	-0.085	25.1	0.026	1.56E-05	0.7296	0.0286	2731	1993	3.035	3.402	0.0029
155	25.2	25.4	25.4	-0.061	25.3	0.026	1.56E-05	0.7295	0.0286	838	611	2.365	2.649	0.0029

160	24.9	25.5	25.4	-0.082	25.2	0.026	1.56E-05	0.7295	0.0286	1888	1377	2.802	3.140	0.0029
165	25.4	25.6	25.5	-0.017	25.5	0.026	1.57E-05	0.7295	0.0286	522	381	2.152	2.409	0.0029
170	24.9	25.5	25.4	-0.044	25.2	0.026	1.56E-05	0.7295	0.0286	1992	1454	2.834	3.176	0.0029
175	25.0	25.6	25.5	-0.055	25.3	0.026	1.56E-05	0.7295	0.0286	1885	1375	2.801	3.138	0.0029
180	24.8	25.7	25.6	-0.085	25.2	0.026	1.56E-05	0.7295	0.0286	2726	1989	3.034	3.399	0.0029
185	24.4	25.7	25.6	-0.136	25.0	0.026	1.56E-05	0.7296	0.0286	3996	2915	3.301	3.701	0.0029
190	24.6	25.5	25.5	-0.293	25.1	0.026	1.56E-05	0.7296	0.0286	3049	2224	3.109	3.485	0.0029
195	24.2	25.5	25.5	0.408	24.8	0.025	1.56E-05	0.7296	0.0286	4008	2925	3.303	3.705	0.0029
200	24.6	25.4	25.5	0.116	25.0	0.026	1.56E-05	0.7296	0.0286	2525	1842	2.983	3.345	0.0029
205	25.0	25.4	25.4	-0.100	25.2	0.026	1.56E-05	0.7295	0.0286	1259	918	2.572	2.882	0.0029
210	24.8	25.3	25.3	-0.142	25.1	0.026	1.56E-05	0.7296	0.0286	1682	1227	2.734	3.064	0.0029
215	25.3	25.3	25.3	0.000	25.3	0.026	1.56E-05	0.7295	0.0286	0	0	0.360	0.403	0.0029
220	24.9	25.4	25.3	-0.055	25.2	0.026	1.56E-05	0.7296	0.0286	1365	996	2.616	2.931	0.0029
225	24.9	25.6	25.5	-0.087	25.3	0.026	1.56E-05	0.7295	0.0286	1991	1453	2.834	3.175	0.0029
230	24.4	25.5	25.4	-0.114	25.0	0.026	1.56E-05	0.7296	0.0286	3475	2535	3.200	3.588	0.0029
235	25.0	25.6	25.5	-0.051	25.3	0.026	1.56E-05	0.7295	0.0286	1781	1299	2.767	3.100	0.0029
240	24.9	25.5	25.3	-0.038	25.2	0.026	1.56E-05	0.7295	0.0286	1784	1301	2.768	3.102	0.0029

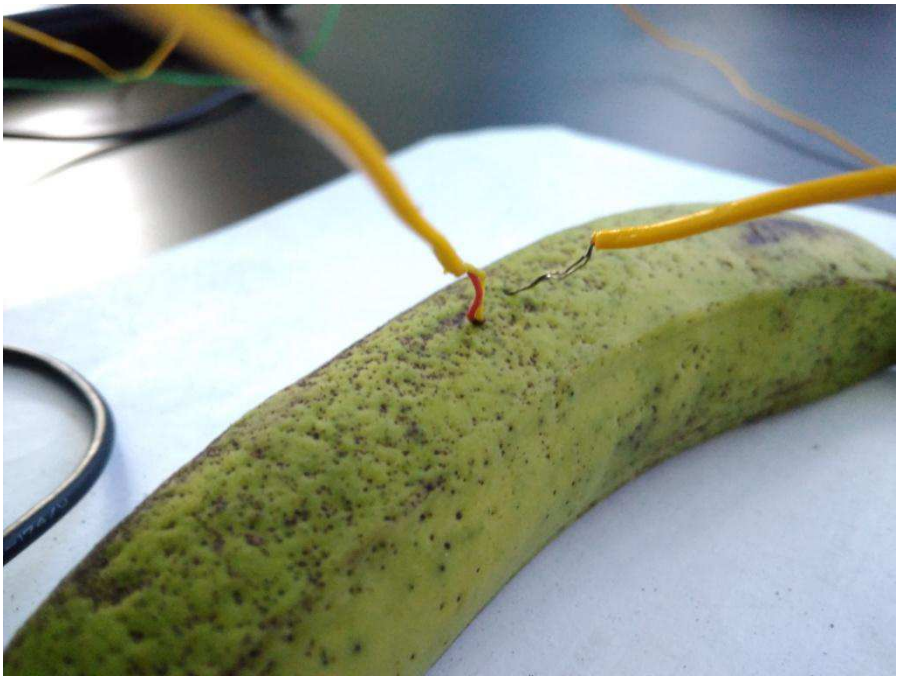
Lampiran 2.

Dokumentasi Penelitian

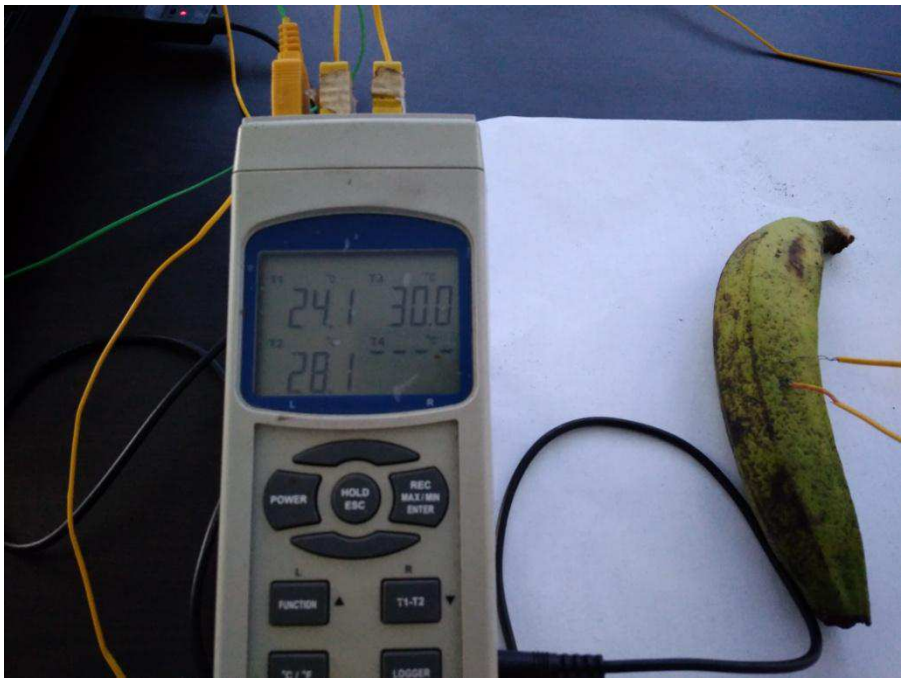
Gambar 32. Pisang ambon lumut (*Musa paradisiaca L.*)



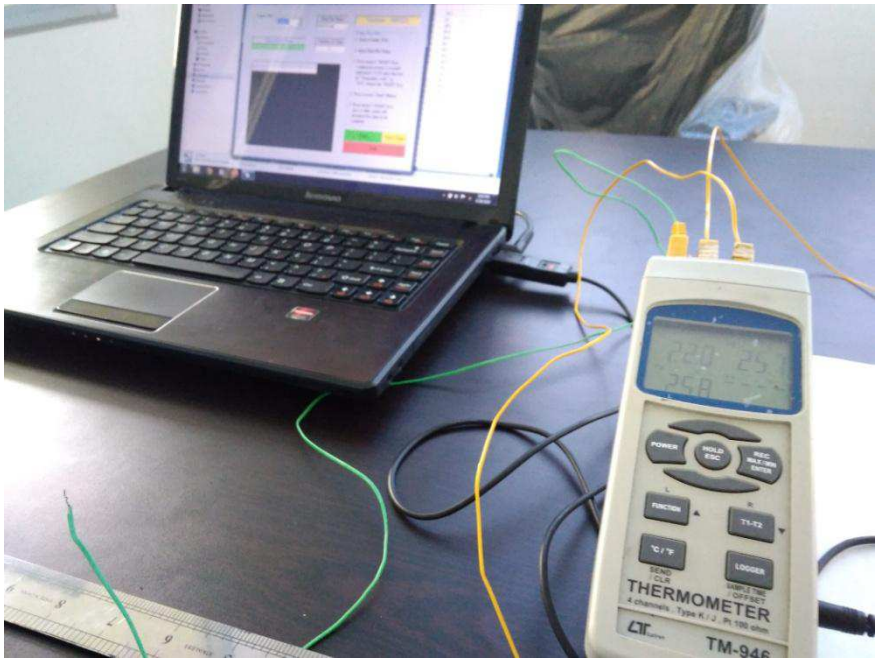
Gambar 33. Software SWDL2005 digunakan untuk mengunduh data rekaman temperatur



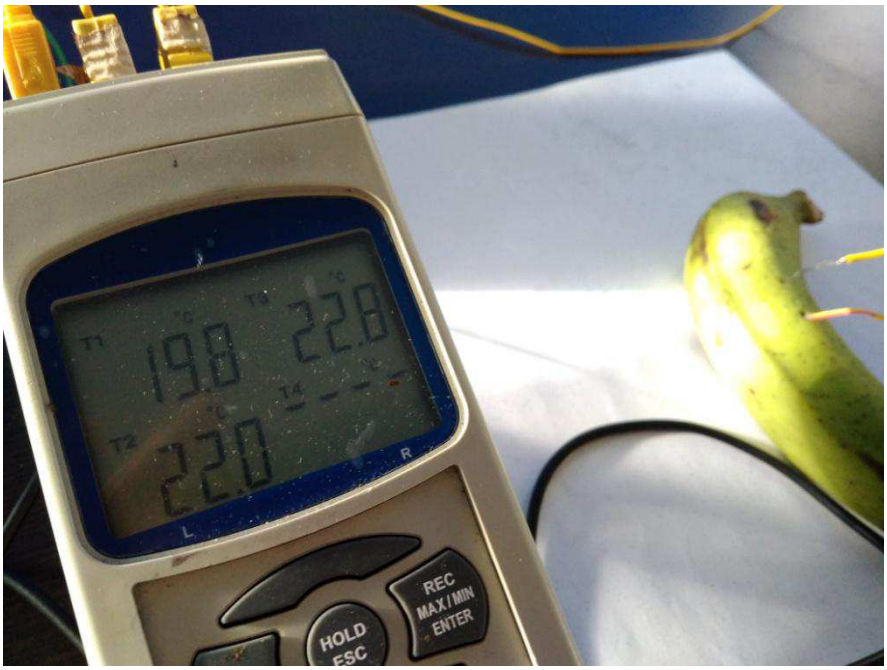
Gambar 34. Termokopel tipe K dimasukkan ke dalam kulit bagian luar dan kulit bagian dalam pisang ambon lumut



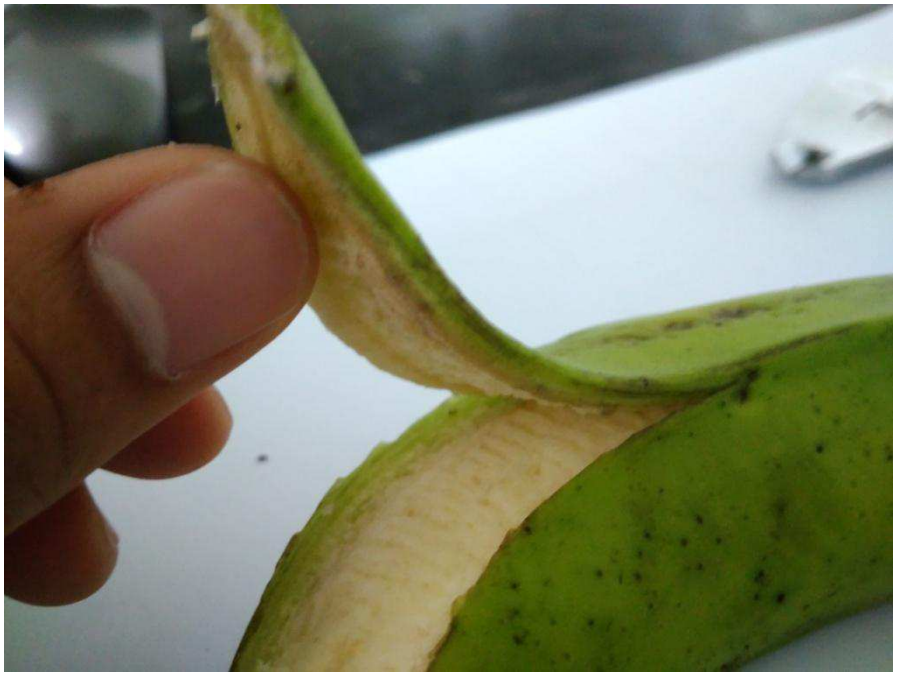
Gambar 35. Termometer digital



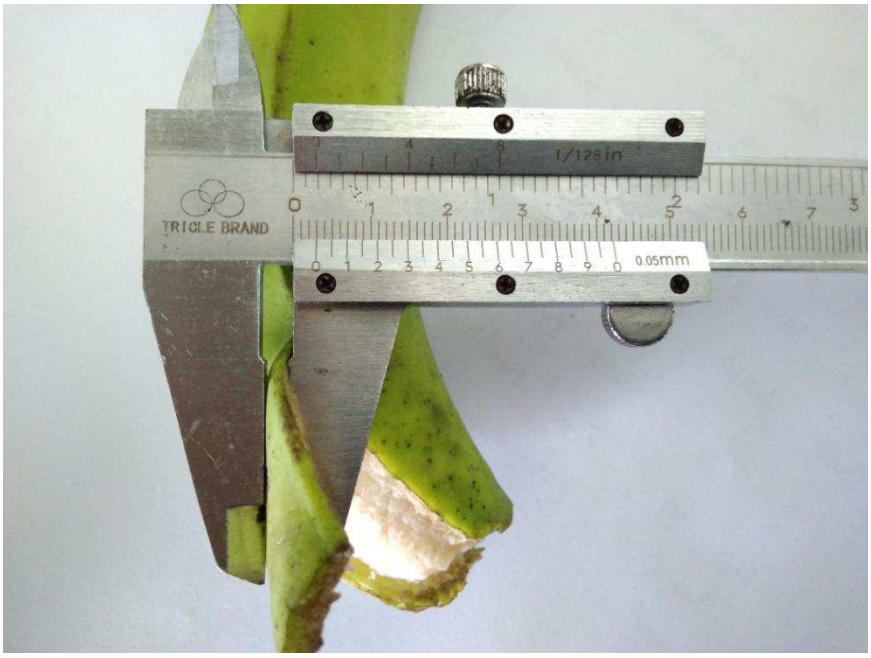
Gambar 36. Menghubungkan termometer digital dengan laptop dengan menggunakan kabel rs232 sebagai konektor



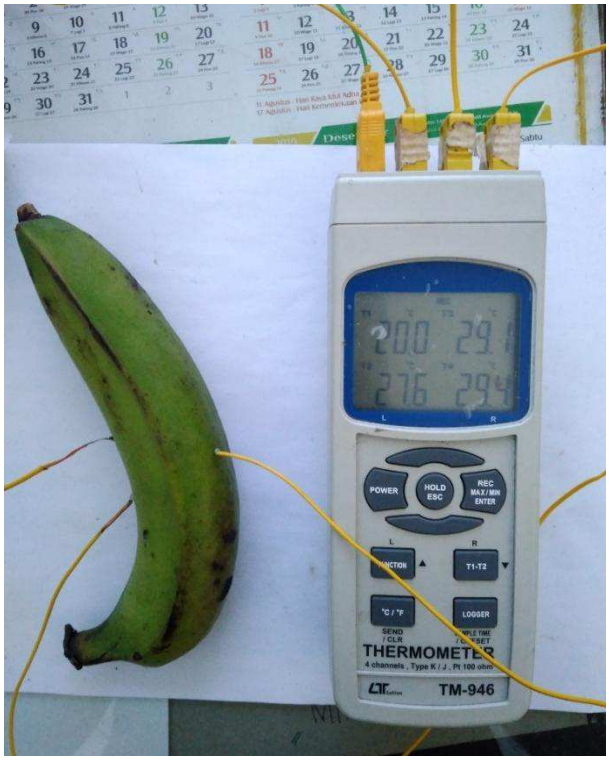
Gambar 37. Temperatur ruangan (19,8°C), temperatur kulit luar (22°C), dan temperatur kulit dalam (22,8°C) pada akhir proses pendinginan



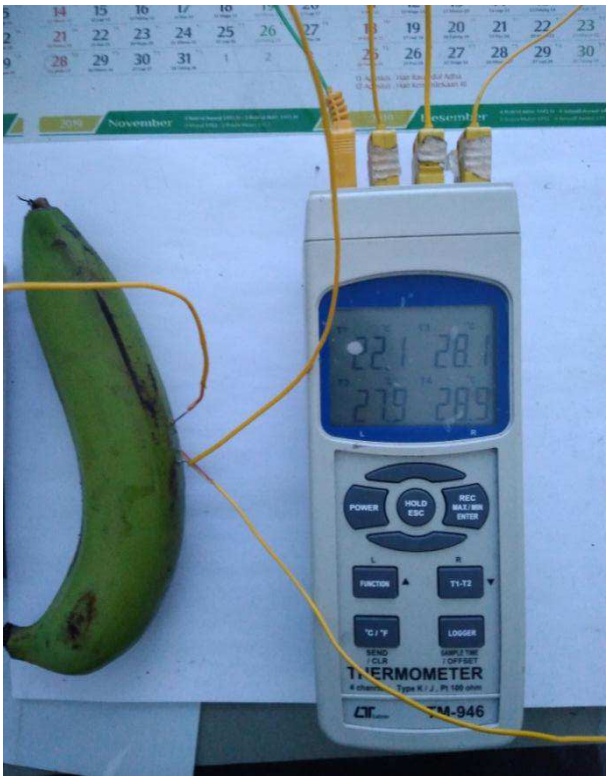
Gambar 38. Proses pengukuran ketebalan kulit pisang ambon lumut



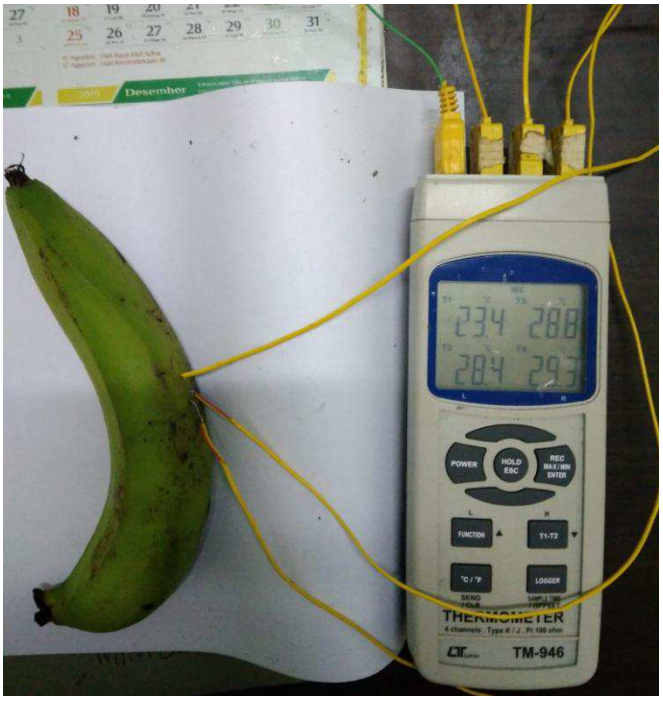
Gambar 39. Jangka sorong menunjukkan ketebalan kulit pisang ambon lumut yaitu 3mm



Gambar 40. Pengambilan data dengan temperatur ruangan 20°C



Gambar 41. Pengambilan data dengan temperatur ruangan 22°C



Gambar 42. Pengambilan data dengan temperatur ruangan 24°C