

LAMPIRAN

Lampiran 01. Analisis rerata hari muncul akar, hari muncul tunas, jumlah akar, jumlah daun, panjang akar, tinggi tunas, dan tinggi tanaman jagung putih menggunakan aplikasi SPSS 26.0.

Model Summary^b				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.619 ^a	.383	.129	1.347

a. Predictors: (Constant), Tinggi Tanaman, Hari muncul Akar, Panjang Akar, Hari Muncul Tunas, Jumlah Daun, Jumlah Akar, Tinggi Tunas

b. Dependent Variable: Perlakuan

ANOVA^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19.138	7	2.734	1.506	.231 ^b
	Residual	30.862	17	1.815		
	Total	50.000	24			

a. Dependent Variable: Perlakuan

b. Predictors: (Constant), Tinggi Tanaman, Hari muncul Akar, Panjang Akar, Hari Muncul Tunas, Jumlah Daun, Jumlah Akar, Tinggi Tunas

Coefficients^a						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.327	.476		6.983	<.001
	Hari muncul Akar	-8.828	13.338	-.198	-.662	.517
	Hari Muncul Tunas	-.014	12.818	.000	-.001	.999
	Jumlah Akar	.184	.555	.145	.331	.745
	Jumlah Daun	-.140	.853	-.062	-.164	.872
	Panjang Akar	2.306	2.517	.307	.916	.372
	Tinggi Tunas	4.067	1.787	1.101	2.276	.036
	Tinggi Tanaman	-2.205	1.052	-1.611	-2.095	.051

a. Dependent Variable: Perlakuan

Lampiran 02. Data Anova dari hasil rerata variabel hari muncul akar, hari muncul tunas, jumlah akar, jumlah daun, panjang akar, tinggi tunas, dan tinggi tanaman jagung.

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Hari Muncul Akar	Between Groups	,002	4	,001	,446	,774
	Within Groups	,023	20	,001		
	Total	,025	24			
Hari Muncul Tunas	Between Groups	,009	4	,002	1,830	,143
	Within Groups	,024	20	,001		
	Total	,034	24			
Jumlah Akar	Between Groups	9,146	4	2,287	2,073	,122
	Within Groups	22,059	20	1,103		
	Total	31,205	24			
Jumlah Daun	Between Groups	3,801	4	,950	3,223	,034
	Within Groups	5,897	20	,295		
	Total	9,698	24			
Panjang Akar	Between Groups	,317	4	,079	2,771	,056
	Within Groups	,572	20	,029		
	Total	,888	24			
Tinggi Tunas	Between Groups	1,386	4	,346	3,040	,041
	Within Groups	2,279	20	,114		
	Total	3,665	24			
Tinggi Tanaman	Between Groups	8,699	4	2,175	2,415	,083
	Within Groups	18,012	20	,901		
	Total	26,711	24			

Descriptives									
		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Hari Muncul Akar	M0	5	.0340	.02302	.01030	.0054	.0626	.01	.07
	M1	5	.0500	.03536	.01581	.0061	.0939	.00	.10
	M2	5	.0500	.05000	.02236	-.0121	.1121	.00	.10
	M3	5	.0340	.02302	.01030	.0054	.0626	.01	.07
	M4	5	.0280	.03114	.01393	-.0107	.0667	.00	.08
	Total	25	.0392	.03239	.00648	.0258	.0526	.00	.10

Hari Muncul Tunas	M0	5	.0240	.03286	.01470	-.0168	.0648	.00	.06
	M1	5	.0700	.02739	.01225	.0360	.1040	.05	.10
	M2	5	.0600	.05477	.02449	-.0080	.1280	.00	.10
	M3	5	.0300	.01581	.00707	.0104	.0496	.01	.05
	M4	5	.0240	.03209	.01435	-.0158	.0638	.00	.08
	Total	25	.0416	.03760	.00752	.0261	.0571	.00	.10
Jumlah Akar	M0	5	1.0540	.96648	.43222	-.1460	2.2540	.00	2.08
	M1	5	2.0280	1.61574	.72258	.0218	4.0342	.19	3.62
	M2	5	.6940	1.15075	.51463	-.7348	2.1228	.00	2.71
	M3	5	1.0600	.74890	.33492	.1301	1.9899	.25	1.98
	M4	5	.1800	.29146	.13035	-.1819	.5419	.00	.67
	Total	25	1.0032	1.14027	.22805	.5325	1.4739	.00	3.62
Jumlah Daun	M0	5	.3760	.41356	.18495	-.1375	.8895	.00	1.00
	M1	5	1.1240	.99646	.44563	-.1133	2.3613	.10	2.71
	M2	5	.2100	.46957	.21000	-.3731	.7931	.00	1.05
	M3	5	.0360	.02608	.01166	.0036	.0684	.01	.07
	M4	5	.1360	.29855	.13351	-.2347	.5067	.00	.67
	Total	25	.3764	.63569	.12714	.1140	.6388	.00	2.71
Panjang Akar	M0	5	.0880	.06058	.02709	.0128	.1632	.00	.15
	M1	5	.2860	.25354	.11338	-.0288	.6008	.00	.69
	M2	5	.0260	.05814	.02600	-.0462	.0982	.00	.13
	M3	5	.2440	.26567	.11881	-.0859	.5739	.02	.69
	M4	5	.0140	.03130	.01400	-.0249	.0529	.00	.07
	Total	25	.1316	.19239	.03848	.0522	.2110	.00	.69
Tinggi Tunas	M0	5	.1920	.05805	.02596	.1199	.2641	.14	.28
	M1	5	.7920	.62839	.28102	.0118	1.5722	.22	1.55
	M2	5	.2360	.25245	.11290	-.0775	.5495	.00	.59
	M3	5	.4540	.27190	.12160	.1164	.7916	.07	.75
	M4	5	.1640	.18420	.08238	-.0647	.3927	.00	.41
	Total	25	.3676	.39079	.07816	.2063	.5289	.00	1.55
Tinggi Tanaman	M0	5	.9880	.61247	.27391	.2275	1.7485	.07	1.67
	M1	5	1.8960	1.85301	.82869	-.4048	4.1968	.22	4.35
	M2	5	.4300	.59443	.26584	-.3081	1.1681	.00	1.43
	M3	5	.8400	.50606	.22632	.2116	1.4684	.19	1.33
	M4	5	.1780	.29107	.13017	-.1834	.5394	.00	.67
	Total	25	.8664	1.05497	.21099	.4309	1.3019	.00	4.35

Post Hoc Tests

		Multiple Comparisons						
Dependent Variable	(I)	(J)	Mean	Std. Error	Sig.	95% Confidence Interval		
						Lower Bound	Upper Bound	
Hari Muncul Akar	Tukey HSD	M0	M1	-.01600	.02150	.943	-.0803	.0483
			M2	-.01600	.02150	.943	-.0803	.0483
			M3	.00000	.02150	1.000	-.0643	.0643
			M4	.00600	.02150	.999	-.0583	.0703
		M1	M0	.01600	.02150	.943	-.0483	.0803
			M2	.00000	.02150	1.000	-.0643	.0643
			M3	.01600	.02150	.943	-.0483	.0803
			M4	.02200	.02150	.842	-.0423	.0863
		M2	M0	.01600	.02150	.943	-.0483	.0803
			M1	.00000	.02150	1.000	-.0643	.0643
			M3	.01600	.02150	.943	-.0483	.0803
			M4	.02200	.02150	.842	-.0423	.0863
		M3	M0	.00000	.02150	1.000	-.0643	.0643
			M1	-.01600	.02150	.943	-.0803	.0483
			M2	-.01600	.02150	.943	-.0803	.0483
			M4	.00600	.02150	.999	-.0583	.0703
	M4	M0	-.00600	.02150	.999	-.0703	.0583	
		M1	-.02200	.02150	.842	-.0863	.0423	
		M2	-.02200	.02150	.842	-.0863	.0423	
		M3	-.00600	.02150	.999	-.0703	.0583	
	LSD	M0	M1	-.01600	.02150	.465	-.0609	.0289
			M2	-.01600	.02150	.465	-.0609	.0289
			M3	.00000	.02150	1.000	-.0449	.0449
			M4	.00600	.02150	.783	-.0389	.0509
		M1	M0	.01600	.02150	.465	-.0289	.0609
			M2	.00000	.02150	1.000	-.0449	.0449
			M3	.01600	.02150	.465	-.0289	.0609
			M4	.02200	.02150	.318	-.0229	.0669
		M2	M0	.01600	.02150	.465	-.0289	.0609
			M1	.00000	.02150	1.000	-.0449	.0449
			M3	.01600	.02150	.465	-.0289	.0609
			M4	.02200	.02150	.318	-.0229	.0669
M3		M0	.00000	.02150	1.000	-.0449	.0449	
		M1	-.01600	.02150	.465	-.0609	.0289	

			M2	-.01600	.02150	.465	-.0609	.0289	
			M4	.00600	.02150	.783	-.0389	.0509	
		M4	M0	-.00600	.02150	.783	-.0509	.0389	
			M1	-.02200	.02150	.318	-.0669	.0229	
			M2	-.02200	.02150	.318	-.0669	.0229	
			M3	-.00600	.02150	.783	-.0509	.0389	
Hari Muncul Tunas	Tukey HSD	M0	M1	-.04600	.02211	.267	-.1122	.0202	
			M2	-.03600	.02211	.498	-.1022	.0302	
			M3	-.00600	.02211	.999	-.0722	.0602	
			M4	.00000	.02211	1.000	-.0662	.0662	
		M1	M0	.04600	.02211	.267	-.0202	.1122	
			M2	.01000	.02211	.991	-.0562	.0762	
			M3	.04000	.02211	.396	-.0262	.1062	
			M4	.04600	.02211	.267	-.0202	.1122	
		M2	M0	.03600	.02211	.498	-.0302	.1022	
			M1	-.01000	.02211	.991	-.0762	.0562	
			M3	.03000	.02211	.661	-.0362	.0962	
			M4	.03600	.02211	.498	-.0302	.1022	
		M3	M0	.00600	.02211	.999	-.0602	.0722	
			M1	-.04000	.02211	.396	-.1062	.0262	
			M2	-.03000	.02211	.661	-.0962	.0362	
			M4	.00600	.02211	.999	-.0602	.0722	
		M4	M0	.00000	.02211	1.000	-.0662	.0662	
			M1	-.04600	.02211	.267	-.1122	.0202	
			M2	-.03600	.02211	.498	-.1022	.0302	
			M3	-.00600	.02211	.999	-.0722	.0602	
		LSD	M0	M1	-.04600	.02211	.051	-.0921	.0001
				M2	-.03600	.02211	.119	-.0821	.0101
				M3	-.00600	.02211	.789	-.0521	.0401
				M4	.00000	.02211	1.000	-.0461	.0461
			M1	M0	.04600	.02211	.051	-.0001	.0921
				M2	.01000	.02211	.656	-.0361	.0561
				M3	.04000	.02211	.085	-.0061	.0861
				M4	.04600	.02211	.051	-.0001	.0921
M2	M0		.03600	.02211	.119	-.0101	.0821		
	M1		-.01000	.02211	.656	-.0561	.0361		
	M3		.03000	.02211	.190	-.0161	.0761		
	M4		.03600	.02211	.119	-.0101	.0821		

		M3	M0	.00600	.02211	.789	-.0401	.0521	
			M1	-.04000	.02211	.085	-.0861	.0061	
			M2	-.03000	.02211	.190	-.0761	.0161	
			M4	.00600	.02211	.789	-.0401	.0521	
			M4	M0	.00000	.02211	1.000	-.0461	.0461
				M1	-.04600	.02211	.051	-.0921	.0001
				M2	-.03600	.02211	.119	-.0821	.0101
				M3	-.00600	.02211	.789	-.0521	.0401
Jumlah Akar	Tukey HSD	M0	M1	-.97400	.66421	.595	-2.9616	1.0136	
			M2	.36000	.66421	.982	-1.6276	2.3476	
			M3	-.00600	.66421	1.000	-1.9936	1.9816	
			M4	.87400	.66421	.685	-1.1136	2.8616	
		M1	M0	.97400	.66421	.595	-1.0136	2.9616	
			M2	1.33400	.66421	.298	-.6536	3.3216	
			M3	.96800	.66421	.600	-1.0196	2.9556	
			M4	1.84800	.66421	.076	-.1396	3.8356	
		M2	M0	-.36000	.66421	.982	-2.3476	1.6276	
			M1	-1.33400	.66421	.298	-3.3216	.6536	
			M3	-.36600	.66421	.981	-2.3536	1.6216	
			M4	.51400	.66421	.935	-1.4736	2.5016	
		M3	M0	.00600	.66421	1.000	-1.9816	1.9936	
			M1	-.96800	.66421	.600	-2.9556	1.0196	
			M2	.36600	.66421	.981	-1.6216	2.3536	
			M4	.88000	.66421	.680	-1.1076	2.8676	
		M4	M0	-.87400	.66421	.685	-2.8616	1.1136	
			M1	-1.84800	.66421	.076	-3.8356	.1396	
			M2	-.51400	.66421	.935	-2.5016	1.4736	
			M3	-.88000	.66421	.680	-2.8676	1.1076	
		LSD	M0	M1	-.97400	.66421	.158	-2.3595	.4115
				M2	.36000	.66421	.594	-1.0255	1.7455
				M3	-.00600	.66421	.993	-1.3915	1.3795
				M4	.87400	.66421	.203	-.5115	2.2595
			M1	M0	.97400	.66421	.158	-.4115	2.3595
				M2	1.33400	.66421	.058	-.0515	2.7195
				M3	.96800	.66421	.161	-.4175	2.3535
				M4	1.84800	.66421	.011	.4625	3.2335
M2	M0		-.36000	.66421	.594	-1.7455	1.0255		
	M1		-1.33400	.66421	.058	-2.7195	.0515		

			M3	-.36600	.66421	.588	-1.7515	1.0195	
			M4	.51400	.66421	.448	-.8715	1.8995	
		M3	M0	.00600	.66421	.993	-1.3795	1.3915	
			M1	-.96800	.66421	.161	-2.3535	.4175	
			M2	.36600	.66421	.588	-1.0195	1.7515	
			M4	.88000	.66421	.200	-.5055	2.2655	
		M4	M0	-.87400	.66421	.203	-2.2595	.5115	
			M1	-1.84800	.66421	.011	-3.2335	-.4625	
			M2	-.51400	.66421	.448	-1.8995	.8715	
			M3	-.88000	.66421	.200	-2.2655	.5055	
Jumlah Daun	Tukey HSD	M0	M1	-.74800	.34343	.228	-1.7757	.2797	
			M2	.16600	.34343	.988	-.8617	1.1937	
			M3	.34000	.34343	.857	-.6877	1.3677	
			M4	.24000	.34343	.954	-.7877	1.2677	
		M1	M0	.74800	.34343	.228	-.2797	1.7757	
			M2	.91400	.34343	.096	-.1137	1.9417	
			M3	1.08800	.34343	.035	.0603	2.1157	
			M4	.98800	.34343	.063	-.0397	2.0157	
		M2	M0	-.16600	.34343	.988	-1.1937	.8617	
			M1	-.91400	.34343	.096	-1.9417	.1137	
			M3	.17400	.34343	.986	-.8537	1.2017	
			M4	.07400	.34343	.999	-.9537	1.1017	
		M3	M0	-.34000	.34343	.857	-1.3677	.6877	
			M1	-1.08800	.34343	.035	-2.1157	-.0603	
			M2	-.17400	.34343	.986	-1.2017	.8537	
			M4	-.10000	.34343	.998	-1.1277	.9277	
		M4	M0	-.24000	.34343	.954	-1.2677	.7877	
			M1	-.98800	.34343	.063	-2.0157	.0397	
			M2	-.07400	.34343	.999	-1.1017	.9537	
			M3	.10000	.34343	.998	-.9277	1.1277	
		LSD	M0	M1	-.74800	.34343	.042	-1.4644	-.0316
				M2	.16600	.34343	.634	-.5504	.8824
				M3	.34000	.34343	.334	-.3764	1.0564
				M4	.24000	.34343	.493	-.4764	.9564
			M1	M0	.74800	.34343	.042	.0316	1.4644
				M2	.91400	.34343	.015	.1976	1.6304
				M3	1.08800	.34343	.005	.3716	1.8044
				M4	.98800	.34343	.009	.2716	1.7044

		M2	M0	-.16600	.34343	.634	-.8824	.5504
			M1	-.91400	.34343	.015	-1.6304	-.1976
			M3	.17400	.34343	.618	-.5424	.8904
			M4	.07400	.34343	.832	-.6424	.7904
		M3	M0	-.34000	.34343	.334	-1.0564	.3764
			M1	-1.08800	.34343	.005	-1.8044	-.3716
			M2	-.17400	.34343	.618	-.8904	.5424
			M4	-.10000	.34343	.774	-.8164	.6164
		M4	M0	-.24000	.34343	.493	-.9564	.4764
			M1	-.98800	.34343	.009	-1.7044	-.2716
			M2	-.07400	.34343	.832	-.7904	.6424
			M3	.10000	.34343	.774	-.6164	.8164
Panjang Akar	Tukey HSD	M0	M1	-.19800	.10692	.374	-.5179	.1219
			M2	.06200	.10692	.977	-.2579	.3819
			M3	-.15600	.10692	.599	-.4759	.1639
			M4	.07400	.10692	.956	-.2459	.3939
		M1	M0	.19800	.10692	.374	-.1219	.5179
			M2	.26000	.10692	.148	-.0599	.5799
			M3	.04200	.10692	.995	-.2779	.3619
			M4	.27200	.10692	.120	-.0479	.5919
		M2	M0	-.06200	.10692	.977	-.3819	.2579
			M1	-.26000	.10692	.148	-.5799	.0599
			M3	-.21800	.10692	.284	-.5379	.1019
			M4	.01200	.10692	1.000	-.3079	.3319
		M3	M0	.15600	.10692	.599	-.1639	.4759
			M1	-.04200	.10692	.995	-.3619	.2779
			M2	.21800	.10692	.284	-.1019	.5379
			M4	.23000	.10692	.238	-.0899	.5499
		M4	M0	-.07400	.10692	.956	-.3939	.2459
			M1	-.27200	.10692	.120	-.5919	.0479
			M2	-.01200	.10692	1.000	-.3319	.3079
			M3	-.23000	.10692	.238	-.5499	.0899
LSD	M0	M1	-.19800	.10692	.079	-.4210	.0250	
		M2	.06200	.10692	.568	-.1610	.2850	
		M3	-.15600	.10692	.160	-.3790	.0670	
		M4	.07400	.10692	.497	-.1490	.2970	
	M1	M0	.19800	.10692	.079	-.0250	.4210	
		M2	.26000	.10692	.025	.0370	.4830	

			M3	.04200	.10692	.699	-.1810	.2650	
			M4	.27200*	.10692	.019	.0490	.4950	
		M2	M0	-.06200	.10692	.568	-.2850	.1610	
			M1	-.26000*	.10692	.025	-.4830	-.0370	
			M3	-.21800	.10692	.055	-.4410	.0050	
			M4	.01200	.10692	.912	-.2110	.2350	
		M3	M0	.15600	.10692	.160	-.0670	.3790	
			M1	-.04200	.10692	.699	-.2650	.1810	
			M2	.21800	.10692	.055	-.0050	.4410	
			M4	.23000*	.10692	.044	.0070	.4530	
		M4	M0	-.07400	.10692	.497	-.2970	.1490	
			M1	-.27200*	.10692	.019	-.4950	-.0490	
			M2	-.01200	.10692	.912	-.2350	.2110	
			M3	-.23000*	.10692	.044	-.4530	-.0070	
Tinggi Tunas	Tukey HSD	M0	M1	-.60000	.21351	.072	-1.2389	.0389	
			M2	-.04400	.21351	1.000	-.6829	.5949	
			M3	-.26200	.21351	.736	-.9009	.3769	
			M4	.02800	.21351	1.000	-.6109	.6669	
		M1	M0	.60000	.21351	.072	-.0389	1.2389	
			M2	.55600	.21351	.107	-.0829	1.1949	
			M3	.33800	.21351	.524	-.3009	.9769	
			M4	.62800	.21351	.055	-.0109	1.2669	
		M2	M0	.04400	.21351	1.000	-.5949	.6829	
			M1	-.55600	.21351	.107	-1.1949	.0829	
			M3	-.21800	.21351	.843	-.8569	.4209	
			M4	.07200	.21351	.997	-.5669	.7109	
		M3	M0	.26200	.21351	.736	-.3769	.9009	
			M1	-.33800	.21351	.524	-.9769	.3009	
			M2	.21800	.21351	.843	-.4209	.8569	
			M4	.29000	.21351	.660	-.3489	.9289	
		M4	M0	-.02800	.21351	1.000	-.6669	.6109	
			M1	-.62800	.21351	.055	-1.2669	.0109	
			M2	-.07200	.21351	.997	-.7109	.5669	
			M3	-.29000	.21351	.660	-.9289	.3489	
		LSD	M0	M1	-.60000*	.21351	.011	-1.0454	-.1546
				M2	-.04400	.21351	.839	-.4894	.4014
				M3	-.26200	.21351	.234	-.7074	.1834
				M4	.02800	.21351	.897	-.4174	.4734

		M1	M0	.60000'	.21351	.011	.1546	1.0454		
			M2	.55600'	.21351	.017	.1106	1.0014		
			M3	.33800	.21351	.129	-.1074	.7834		
			M4	.62800'	.21351	.008	.1826	1.0734		
		M2	M0	.04400	.21351	.839	-.4014	.4894		
			M1	-.55600'	.21351	.017	-1.0014	-.1106		
			M3	-.21800	.21351	.319	-.6634	.2274		
			M4	.07200	.21351	.739	-.3734	.5174		
		M3	M0	.26200	.21351	.234	-.1834	.7074		
			M1	-.33800	.21351	.129	-.7834	.1074		
			M2	.21800	.21351	.319	-.2274	.6634		
			M4	.29000	.21351	.190	-.1554	.7354		
		M4	M0	-.02800	.21351	.897	-.4734	.4174		
			M1	-.62800'	.21351	.008	-1.0734	-.1826		
			M2	-.07200	.21351	.739	-.5174	.3734		
			M3	-.29000	.21351	.190	-.7354	.1554		
		Tinggi Tanaman	Tukey HSD	M0	M1	-.90800	.60019	.566	-2.7040	.8880
					M2	.55800	.60019	.882	-1.2380	2.3540
					M3	.14800	.60019	.999	-1.6480	1.9440
					M4	.81000	.60019	.665	-.9860	2.6060
M1	M0			.90800	.60019	.566	-.8880	2.7040		
	M2			1.46600	.60019	.145	-.3300	3.2620		
	M3			1.05600	.60019	.423	-.7400	2.8520		
	M4			1.71800	.60019	.065	-.0780	3.5140		
M2	M0			-.55800	.60019	.882	-2.3540	1.2380		
	M1			-1.46600	.60019	.145	-3.2620	.3300		
	M3			-.41000	.60019	.958	-2.2060	1.3860		
	M4			.25200	.60019	.993	-1.5440	2.0480		
M3	M0			-.14800	.60019	.999	-1.9440	1.6480		
	M1			-1.05600	.60019	.423	-2.8520	.7400		
	M2			.41000	.60019	.958	-1.3860	2.2060		
	M4			.66200	.60019	.803	-1.1340	2.4580		
M4	M0			-.81000	.60019	.665	-2.6060	.9860		
	M1			-1.71800	.60019	.065	-3.5140	.0780		
	M2			-.25200	.60019	.993	-2.0480	1.5440		
	M3			-.66200	.60019	.803	-2.4580	1.1340		
LSD	M0	M1	-.90800	.60019	.146	-2.1600	.3440			
		M2	.55800	.60019	.364	-.6940	1.8100			

		M3	.14800	.60019	.808	-1.1040	1.4000
		M4	.81000	.60019	.192	-.4420	2.0620
	M1	M0	.90800	.60019	.146	-.3440	2.1600
		M2	1.46600*	.60019	.024	.2140	2.7180
		M3	1.05600	.60019	.094	-.1960	2.3080
		M4	1.71800*	.60019	.010	.4660	2.9700
	M2	M0	-.55800	.60019	.364	-1.8100	.6940
		M1	-1.46600*	.60019	.024	-2.7180	-.2140
		M3	-.41000	.60019	.502	-1.6620	.8420
		M4	.25200	.60019	.679	-1.0000	1.5040
	M3	M0	-.14800	.60019	.808	-1.4000	1.1040
		M1	-1.05600	.60019	.094	-2.3080	.1960
		M2	.41000	.60019	.502	-.8420	1.6620
		M4	.66200	.60019	.283	-.5900	1.9140
	M4	M0	-.81000	.60019	.192	-2.0620	.4420
		M1	-1.71800*	.60019	.010	-2.9700	-.4660
		M2	-.25200	.60019	.679	-1.5040	1.0000
		M3	-.66200	.60019	.283	-1.9140	.5900

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

HariMunculAkar			
			Subset for alpha = 0.05
Perlakuan	N	1	
TukeyHSD ^a	M4	5	.0280
	M0	5	.0340
	M2	5	.0340
	M1	5	.0500
	M3	5	.0500
	Sig.		.842
Duncan ^a	M4	5	.0280
	M0	5	.0340
	M2	5	.0340
	M1	5	.0500
	M3	5	.0500
	Sig.		.369

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

HariMuncul Tunas			
			Subset for alpha = 0.05
Perlakuan	N	1	
TukeyHSD ^a	M0	5	.0240
	M4	5	.0240
	M2	5	.0300
	M3	5	.0600
	M1	5	.0700
	Sig.		.267
Duncan ^a	M0	5	.0240
	M4	5	.0240
	M2	5	.0300
	M3	5	.0600
	M1	5	.0700
	Sig.		.075

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

JumlahAkar				
Subset for alpha = 0.05				
	Perlakuan	N	1	2
TukeyH SD ^a	M4	5	.1800	
	M3	5	.6940	
	M0	5	1.0540	
	M2	5	1.0600	
	M1	5	2.0280	
	Sig.			.076
Duncan ^a	M4	5	.1800	
	M3	5	.6940	.6940
	M0	5	1.0540	1.0540
	M2	5	1.0600	1.0600
	M1	5		2.0280
	Sig.			.239

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

JumlahDaun				
Subset for alpha = 0.05				
	Perlakuan	N	1	2
TukeyH SD ^a	M2	5	.0360	
	M4	5	.1360	.1360
	M3	5	.2100	.2100
	M0	5	.3760	.3760
	M1	5		1.1240
	Sig.			.857
Duncan ^a	M2	5	.0360	
	M4	5	.1360	
	M3	5	.2100	
	M0	5	.3760	
	M1	5		1.1240
	Sig.			.376

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

PanjangAkar				
Subset for alpha = 0.05				
	Perlakuan	N	1	2
TukeyH SD ^a	M4	5	.0140	
	M2	5	.0260	
	M0	5	.0880	
	M3	5	.2440	
	M1	5	.2860	
	Sig.			.120
Duncan ^a	M4	5	.0140	
	M2	5	.0260	
	M0	5	.0880	.0880
	M3	5	.2440	.2440
	M1	5		.2860
	Sig.			.061

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

Tinggi Tunas				
Subset for alpha = 0.05				
	Perlakuan	N	1	2
TukeyH SD ^a	M4	5	.1640	
	M0	5	.1920	
	M3	5	.2360	
	M2	5	.4540	
	M1	5	.7920	
	Sig.			.055
Duncan ^a	M4	5	.1640	
	M0	5	.1920	
	M3	5	.2360	
	M2	5	.4540	.4540
	M1	5		.7920
	Sig.			.227

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

TinggiTanaman					
	Perlakuan	N	Subset for alpha = 0.05		
			1	2	
TukeyHSD ^a	M4	5	.1780		
	M3	5	.4300		
	M2	5	.8400		
	M0	5	.9880		
	M1	5	1.8960		
	Sig.			.065	
	Duncan ^a	M4	5	.1780	
M3		5	.4300		
M2		5	.8400	.8400	
M0		5	.9880	.9880	
M1		5		1.8960	
Sig.				.230	.110

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5,000.

	N	Minimum	Maximum	Mean	Std. Deviation
Perlakuan	25	1	5	3.00	1.443
Hari muncul Akar	25	.00	.10	.0392	.03239
Hari Muncul Tunas	25	.00	.10	.0416	.03760
Jumlah Akar	25	.00	3.62	1.0032	1.14027
Jumlah Daun	25	.00	2.71	.3764	.63569
Panjang Akar	25	.00	.69	.1316	.19239
Tinggi Tunas	25	.00	1.55	.3676	.39079
Tinggi Tanaman	25	.00	4.35	.8664	1.05497
*Valid N (listwise)	25				

Lampiran 03. Hasil induksi mutasi secara *in vitro* dan pengaruhnya terhadap karakter morfologi jagung putih (*Zea mays* var. *amylacea*).

Kontrol



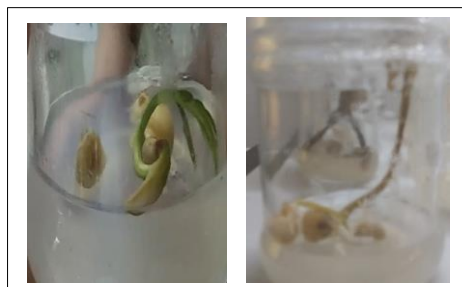
EMS 20 ppm ½ jam



EMS 40 ppm ½ jam



EMS 20 ppm 1 jam



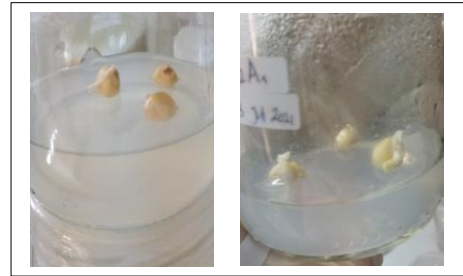
EMS 40 ppm 1 jam



(Sumber: Dokumentasi Liu, 2021)


Lampiran 04. Inisiasi eksplan biji pada jagung putih (*Zea mays* var. *amylacea*). media MS dengan kontrol.

Media MS + PEG 0 g/ml (Eksplan biji)



(Sumber: Dokumentasi Liu, 2021)

Lampiran 05. Surat Izin Penelitian

 KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS TIMOR
FAKULTAS ILMU PENDIDIKAN
Jln.Km.09 Kelurahan Sasi-Kefamenanu
Laman : unimor.ac.id e-mail: universitastimor@yahoo.co.id


Nomor : 280/UN60.3.1/PP/2022 Kefamenanu, 18 Januari 2022
Lampiran : -
Perihal : Surat Izin Penelitian

Yth. Kepala Laboratorium Pendidikan Biologi Universitas Timor
Di –
Tempat

Dengan hormat,

Sesuai perihal surat diatas, maka bersama ini kami mohon untuk diberikan ijin kepada mahasiswa kami dari Program Studi Pendidikan Biologi Fakultas Ilmu Pendidikan Universitas Timor atas nama Oktofianus Liu, NPM: 33170007 untuk melaksanakan penelitian yang bertempat/berlokasi di Unit Bapak/Ibu Pimpin. Penelitian ini dimaksudkan untuk memenuhi persyaratan dalam penyelesaian Skripsi atau Tugas Akhir mahasiswa tersebut. Judul penelitian tertera sebagai berikut : **“Induksi Mutasi Secara In Vitro Terhadap Regenerasi Tanaman Jagung Putih (*Zea mays* var,amylacea) di Kabupaten Timor Tengah Utara”**

Demikian permohonan ini kami sampaikan. atas perhatian dan kerjasamanya kami mengucapkan terima kasih.

Wakil Dekan Bidang Akademik &
Kehamasiswaan FIP,

E. Kristanti, S.Psi., M.A.
NIP. 196509142005012001

Lampiran 06 Surat Keterangan Selesai Penelitian


 KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
 UNIVERSITAS TIMOR (UNIMOR)
 FAKULTAS ILMU PENDIDIKAN
 LABORATORIUM BIOLOGI
 Jl. Eltari KM.09 Kel. Sasi, Kefamenanu - TTU, Timor - NTT 85613

SURAT KETERANGAN SELESAI PENELITIAN

Nomor : 01/UN60.3.8/LL-II/2021

Yang bertanda tangan di bawah ini,

Nama : Maria Yustiningsih, S.Si., M.Si
 NIP : 19741210 201504 2 001
 Jabatan : Kepala Laboratorium Biologi

Menerangkan bahwa mahasiswa tersebut di bawah ini :

Nama : Oktofianus Liu
 NPM : 33170007
 Semester : X (Sepuluh)
 Fakultas : Ilmu Pendidikan
 Prodi : Pendidikan Biologi

Telah selesai melakukan penelitian di Laboratorium Biologi, terhitung mulai tanggal 22 Mei 2021 sampai dengan tanggal 30 September 2021, untuk memperoleh data dalam rangka penyusunan skripsi yang berjudul :

" INDUKSI MUTASI SECARA IN VITRO TERHADAP REGENERASI TANAMAN JAGUNG PUTIH (ZEA MAYS VAR AMYLACEA) DI KABUPATEN TIMOR TENGAH UTARA".

Demikian surat keterangan ini dibuat dan diberikan kepada yang bersangkutan untuk dipergunakan seperlunya.


 Kefamenanu, 18 Januari 2022
 Kepala Laboratorium Biologi

 Maria Yustiningsih, S.Si., M.Si
 NIP. 19741210 201504 2 001