LAMPIRAN

Lampiran 01 : Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		BERATKERING
N		36
Normal Parameters[a,,b]	Mean	3.5072
	Std. Deviation	.89343
Most Extreme Differences	Absolute	.170
	Positive	.170
	Negative	-.093
Kolmogorov-Smirnov Z		1.019
Asymp. Sig. (2-tailed)		.250

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 02 : Uji Homogenitas

Levene's Test of Equality of Error Variances[a]

Dependent Variable:BERATKERING

F	df1	df2	Sig.
1.959	11	24	.082

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + KONSENTRASI + PENYIRAMAN + KONSENTRASI * PENYIRAMAN

Lampiran 03 : Uji Hipotesis (ANAVA) dua arah *Univariat*

Tests of Between-Subjects Effects

Dependent Variable:BERATKERING

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	25.000[a]	11	2.273	18.567	.000
Intercept	442.822	1	442.822	3617.662	.000
KONSENTRASI	11.086	3	3.695	30.188	.000
PENYIRAMAN	11.092	2	5.546	45.307	.000
KONSENTRASI * PENYIRAMAN	2.822	6	.470	3.843	.008
Error	2.938	24	.122		
Total	470.759	36			
Corrected Total	27.937	35			

a. R Squared = .895 (Adjusted R Squared = .847)

Lampiran 04 : Uji Lanjut (*LSD)*

Post Hoc Tests

INTERAKSI

Multiple Comparisons

Dependent Variable: BERATKERING

LSD

(I) INTERAKSI	(J) INTERAKSI	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K0-W10	K0-W15	.4567	.31178	.156	-.1868	1.1001
	K0-W5	-.3000	.31178	.346	-.9435	.3435
	K10-W10	-.6200	.31178	.058	-1.2635	.0235
	K10-W15	.0933	.31178	.767	-.5501	.7368
	K10-W5	-.9467*	.31178	.006	-1.5901	-.3032

	K30-W10	-1.4167*	.31178	.000	-2.0601	-.7732
	K30-W15	-.6233	.31178	.057	-1.2668	.0201
	K30-W5	-2.4600*	.31178	.000	-3.1035	-1.8165
	K50-W10	-.3067	.31178	.335	-.9501	.3368
	K50-W15	-.0500	.31178	.874	-.6935	.5935
	K50-W5	-2.0333*	.31178	.000	-2.6768	-1.3899
	K0-W10	-.4567	.31178	.156	-1.1001	.1868
	K0-W5	-.7567*	.31178	.023	-1.4001	-.1132
	K10-W10	-1.0767*	.31178	.002	-1.7201	-.4332
	K10-W15	-.3633	.31178	.255	-1.0068	.2801
	K10-W5	-1.4033*	.31178	.000	-2.0468	-.7599
K0-W15	K30-W10	-1.8733*	.31178	.000	-2.5168	-1.2299
	K30-W15	-1.0800*	.31178	.002	-1.7235	-.4365
	K30-W5	-2.9167*	.31178	.000	-3.5601	-2.2732
	K50-W10	-.7633*	.31178	.022	-1.4068	-.1199
	K50-W15	-.5067	.31178	.117	-1.1501	.1368
	K50-W5	-2.4900*	.31178	.000	-3.1335	-1.8465
	K0-W10	.3000	.31178	.346	-.3435	.9435
	K0-W15	.7567*	.31178	.023	.1132	1.4001
	K10-W10	-.3200	.31178	.315	-.9635	.3235
	K10-W15	.3933	.31178	.219	-.2501	1.0368
	K10-W5	-.6467*	.31178	.049	-1.2901	-.0032
K0-W5	K30-W10	-1.1167*	.31178	.002	-1.7601	-.4732
	K30-W15	-.3233	.31178	.310	-.9668	.3201
	K30-W5	-2.1600*	.31178	.000	-2.8035	-1.5165
	K50-W10	-.0067	.31178	.983	-.6501	.6368
	K50-W15	.2500	.31178	.431	-.3935	.8935
	K50-W5	-1.7333*	.31178	.000	-2.3768	-1.0899
	K0-W10	.6200	.31178	.058	-.0235	1.2635
	K0-W15	1.0767*	.31178	.002	.4332	1.7201
	K0-W5	.3200	.31178	.315	-.3235	.9635
	K10-W15	.7133*	.31178	.031	.0699	1.3568
	K10-W5	-.3267	.31178	.305	-.9701	.3168
K10-W10	K30-W10	-.7967*	.31178	.017	-1.4401	-.1532
	K30-W15	-.0033	.31178	.992	-.6468	.6401
	K30-W5	-1.8400*	.31178	.000	-2.4835	-1.1965
	K50-W10	.3133	.31178	.325	-.3301	.9568
	K50-W15	.5700	.31178	.080	-.0735	1.2135
	K50-W5	-1.4133*	.31178	.000	-2.0568	-.7699

	K0-W10	-.0933	.31178	.767	-.7368	.5501
	K0-W15	.3633	.31178	.255	-.2801	1.0068
	K0-W5	-.3933	.31178	.219	-1.0368	.2501
	K10-W10	-.7133*	.31178	.031	-1.3568	-.0699
	K10-W5	-1.0400*	.31178	.003	-1.6835	-.3965
K10-W15	K30-W10	-1.5100*	.31178	.000	-2.1535	-.8665
	K30-W15	-.7167*	.31178	.031	-1.3601	-.0732
	K30-W5	-2.5533*	.31178	.000	-3.1968	-1.9099
	K50-W10	-.4000	.31178	.212	-1.0435	.2435
	K50-W15	-.1433	.31178	.650	-.7868	.5001
	K50-W5	-2.1267*	.31178	.000	-2.7701	-1.4832
	K0-W10	.9467*	.31178	.006	.3032	1.5901
	K0-W15	1.4033*	.31178	.000	.7599	2.0468
	K0-W5	.6467*	.31178	.049	.0032	1.2901
	K10-W10	.3267	.31178	.305	-.3168	.9701
	K10-W15	1.0400*	.31178	.003	.3965	1.6835
K10-W5	K30-W10	-.4700	.31178	.145	-1.1135	.1735
	K30-W15	.3233	.31178	.310	-.3201	.9668
	K30-W5	-1.5133*	.31178	.000	-2.1568	-.8699
	K50-W10	.6400	.31178	.051	-.0035	1.2835
	K50-W15	.8967*	.31178	.008	.2532	1.5401
	K50-W5	-1.0867*	.31178	.002	-1.7301	-.4432
	K0-W10	1.4167*	.31178	.000	.7732	2.0601
	K0-W15	1.8733*	.31178	.000	1.2299	2.5168
	K0-W5	1.1167*	.31178	.002	.4732	1.7601
	K10-W10	.7967*	.31178	.017	.1532	1.4401
	K10-W15	1.5100*	.31178	.000	.8665	2.1535
K30-W10	K10-W5	.4700	.31178	.145	-.1735	1.1135
	K30-W15	.7933*	.31178	.018	.1499	1.4368
	K30-W5	-1.0433*	.31178	.003	-1.6868	-.3999
	K50-W10	1.1100*	.31178	.002	.4665	1.7535
	K50-W15	1.3667*	.31178	.000	.7232	2.0101
	K50-W5	-.6167	.31178	.060	-1.2601	.0268
	K0-W10	.6233	.31178	.057	-.0201	1.2668
	K0-W15	1.0800*	.31178	.002	.4365	1.7235
	K0-W5	.3233	.31178	.310	-.3201	.9668
K30-W15	K10-W10	.0033	.31178	.992	-.6401	.6468
	K10-W15	.7167*	.31178	.031	.0732	1.3601
	K10-W5	-.3233	.31178	.310	-.9668	.3201
	K30-W10	-.7933*	.31178	.018	-1.4368	-.1499

	K30-W5	-1.8367*	.31178	.000	-2.4801	-1.1932
	K50-W10	.3167	.31178	.320	-.3268	.9601
	K50-W15	.5733	.31178	.078	-.0701	1.2168
	K50-W5	-1.4100*	.31178	.000	-2.0535	-.7665
	K0-W10	2.4600*	.31178	.000	1.8165	3.1035
	K0-W15	2.9167*	.31178	.000	2.2732	3.5601
	K0-W5	2.1600*	.31178	.000	1.5165	2.8035
	K10-W10	1.8400*	.31178	.000	1.1965	2.4835
	K10-W15	2.5533*	.31178	.000	1.9099	3.1968
K30-W5	K10-W5	1.5133*	.31178	.000	.8699	2.1568
	K30-W10	1.0433*	.31178	.003	.3999	1.6868
	K30-W15	1.8367*	.31178	.000	1.1932	2.4801
	K50-W10	2.1533*	.31178	.000	1.5099	2.7968
	K50-W15	2.4100*	.31178	.000	1.7665	3.0535
	K50-W5	.4267	.31178	.184	-.2168	1.0701
	K0-W10	.3067	.31178	.335	-.3368	.9501
	K0-W15	.7633*	.31178	.022	.1199	1.4068
	K0-W5	.0067	.31178	.983	-.6368	.6501
	K10-W10	-.3133	.31178	.325	-.9568	.3301
	K10-W15	.4000	.31178	.212	-.2435	1.0435
K50-W10	K10-W5	-.6400	.31178	.051	-1.2835	.0035
	K30-W10	-1.1100*	.31178	.002	-1.7535	-.4665
	K30-W15	-.3167	.31178	.320	-.9601	.3268
	K30-W5	-2.1533*	.31178	.000	-2.7968	-1.5099
	K50-W15	.2567	.31178	.418	-.3868	.9001
	K50-W5	-1.7267*	.31178	.000	-2.3701	-1.0832
	K0-W10	.0500	.31178	.874	-.5935	.6935
	K0-W15	.5067	.31178	.117	-.1368	1.1501
	K0-W5	-.2500	.31178	.431	-.8935	.3935
	K10-W10	-.5700	.31178	.080	-1.2135	.0735
	K10-W15	.1433	.31178	.650	-.5001	.7868
K50-W15	K10-W5	-.8967*	.31178	.008	-1.5401	-.2532
	K30-W10	-1.3667*	.31178	.000	-2.0101	-.7232
	K30-W15	-.5733	.31178	.078	-1.2168	.0701
	K30-W5	-2.4100*	.31178	.000	-3.0535	-1.7665
	K50-W10	-.2567	.31178	.418	-.9001	.3868
	K50-W5	-1.9833*	.31178	.000	-2.6268	-1.3399
	K0-W10	2.0333*	.31178	.000	1.3899	2.6768
K50-W5	K0-W15	2.4900*	.31178	.000	1.8465	3.1335
	K0-W5	1.7333*	.31178	.000	1.0899	2.3768

	K10-W10	1.4133*	.31178	.000	.7699	2.0568
	K10-W15	2.1267*	.31178	.000	1.4832	2.7701
	K10-W5	1.0867*	.31178	.002	.4432	1.7301
	K30-W10	.6167	.31178	.060	-.0268	1.2601
	K30-W15	1.4100*	.31178	.000	.7665	2.0535
	K30-W5	-.4267	.31178	.184	-1.0701	.2168
	K50-W10	1.7267*	.31178	.000	1.0832	2.3701
	K50-W15	1.9833*	.31178	.000	1.3399	2.6268

Based on observed means.

The error term is Mean Square(Error) = .146.

*. The mean difference is significant at the .05 level.

Multiple Comparisons

Dependent Variable: BERATKERING

LSD

(I) INTERAKSI	(J) INTERAKSI	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K0-W10	K0-W15	.4567	.31178	.156	-.1868	1.1001
	K0-W5	-.3000	.31178	.346	-.9435	.3435
	K10-W10	-.6200	.31178	.058	-1.2635	.0235
	K10-W15	.0933	.31178	.767	-.5501	.7368
	K10-W5	-.9467*	.31178	.006	-1.5901	-.3032
	K30-W10	-1.4167*	.31178	.000	-2.0601	-.7732
	K30-W15	-.6233	.31178	.057	-1.2668	.0201
	K30-W5	-2.4600*	.31178	.000	-3.1035	-1.8165
	K50-W10	-.3067	.31178	.335	-.9501	.3368
	K50-W15	-.0500	.31178	.874	-.6935	.5935
	K50-W5	-2.0333*	.31178	.000	-2.6768	-1.3899
K0-W15	K0-W10	-.4567	.31178	.156	-1.1001	.1868
	K0-W5	-.7567*	.31178	.023	-1.4001	-.1132
	K10-W10	-1.0767*	.31178	.002	-1.7201	-.4332
	K10-W15	-.3633	.31178	.255	-1.0068	.2801
	K10-W5	-1.4033*	.31178	.000	-2.0468	-.7599
	K30-W10	-1.8733*	.31178	.000	-2.5168	-1.2299
	K30-W15	-1.0800*	.31178	.002	-1.7235	-.4365
	K30-W5	-2.9167*	.31178	.000	-3.5601	-2.2732

	K50-W10	-.7633*	.31178	.022	-1.4068	-.1199
	K50-W15	-.5067	.31178	.117	-1.1501	.1368
	K50-W5	-2.4900*	.31178	.000	-3.1335	-1.8465
	K0-W10	.3000	.31178	.346	-.3435	.9435
	K0-W15	.7567*	.31178	.023	.1132	1.4001
	K10-W10	-.3200	.31178	.315	-.9635	.3235
	K10-W15	.3933	.31178	.219	-.2501	1.0368
	K10-W5	-.6467*	.31178	.049	-1.2901	-.0032
K0-W5	K30-W10	-1.1167*	.31178	.002	-1.7601	-.4732
	K30-W15	-.3233	.31178	.310	-.9668	.3201
	K30-W5	-2.1600*	.31178	.000	-2.8035	-1.5165
	K50-W10	-.0067	.31178	.983	-.6501	.6368
	K50-W15	.2500	.31178	.431	-.3935	.8935
	K50-W5	-1.7333*	.31178	.000	-2.3768	-1.0899
	K0-W10	.6200	.31178	.058	-.0235	1.2635
	K0-W15	1.0767*	.31178	.002	.4332	1.7201
	K0-W5	.3200	.31178	.315	-.3235	.9635
	K10-W15	.7133*	.31178	.031	.0699	1.3568
	K10-W5	-.3267	.31178	.305	-.9701	.3168
K10-W10	K30-W10	-.7967*	.31178	.017	-1.4401	-.1532
	K30-W15	-.0033	.31178	.992	-.6468	.6401
	K30-W5	-1.8400*	.31178	.000	-2.4835	-1.1965
	K50-W10	.3133	.31178	.325	-.3301	.9568
	K50-W15	.5700	.31178	.080	-.0735	1.2135
	K50-W5	-1.4133*	.31178	.000	-2.0568	-.7699
	K0-W10	-.0933	.31178	.767	-.7368	.5501
	K0-W15	.3633	.31178	.255	-.2801	1.0068
	K0-W5	-.3933	.31178	.219	-1.0368	.2501
	K10-W10	-.7133*	.31178	.031	-1.3568	-.0699
	K10-W5	-1.0400*	.31178	.003	-1.6835	-.3965
K10-W15	K30-W10	-1.5100*	.31178	.000	-2.1535	-.8665
	K30-W15	-.7167*	.31178	.031	-1.3601	-.0732
	K30-W5	-2.5533*	.31178	.000	-3.1968	-1.9099
	K50-W10	-.4000	.31178	.212	-1.0435	.2435
	K50-W15	-.1433	.31178	.650	-.7868	.5001
	K50-W5	-2.1267*	.31178	.000	-2.7701	-1.4832
	K0-W10	.9467*	.31178	.006	.3032	1.5901
K10-W5	K0-W15	1.4033*	.31178	.000	.7599	2.0468
	K0-W5	.6467*	.31178	.049	.0032	1.2901
	K10-W10	.3267	.31178	.305	-.3168	.9701

	K10-W15	1.0400*	.31178	.003	.3965	1.6835
	K30-W10	-.4700	.31178	.145	-1.1135	.1735
	K30-W15	.3233	.31178	.310	-.3201	.9668
	K30-W5	-1.5133*	.31178	.000	-2.1568	-.8699
	K50-W10	.6400	.31178	.051	-.0035	1.2835
	K50-W15	.8967*	.31178	.008	.2532	1.5401
	K50-W5	-1.0867*	.31178	.002	-1.7301	-.4432
	K0-W10	1.4167*	.31178	.000	.7732	2.0601
	K0-W15	1.8733*	.31178	.000	1.2299	2.5168
	K0-W5	1.1167*	.31178	.002	.4732	1.7601
	K10-W10	.7967*	.31178	.017	.1532	1.4401
	K10-W15	1.5100*	.31178	.000	.8665	2.1535
K30-W10	K10-W5	.4700	.31178	.145	-.1735	1.1135
	K30-W15	.7933*	.31178	.018	.1499	1.4368
	K30-W5	-1.0433*	.31178	.003	-1.6868	-.3999
	K50-W10	1.1100*	.31178	.002	.4665	1.7535
	K50-W15	1.3667*	.31178	.000	.7232	2.0101
	K50-W5	-.6167	.31178	.060	-1.2601	.0268
	K0-W10	.6233	.31178	.057	-.0201	1.2668
	K0-W15	1.0800*	.31178	.002	.4365	1.7235
	K0-W5	.3233	.31178	.310	-.3201	.9668
	K10-W10	.0033	.31178	.992	-.6401	.6468
	K10-W15	.7167*	.31178	.031	.0732	1.3601
K30-W15	K10-W5	-.3233	.31178	.310	-.9668	.3201
	K30-W10	-.7933*	.31178	.018	-1.4368	-.1499
	K30-W5	-1.8367*	.31178	.000	-2.4801	-1.1932
	K50-W10	.3167	.31178	.320	-.3268	.9601
	K50-W15	.5733	.31178	.078	-.0701	1.2168
	K50-W5	-1.4100*	.31178	.000	-2.0535	-.7665
	K0-W10	2.4600*	.31178	.000	1.8165	3.1035
	K0-W15	2.9167*	.31178	.000	2.2732	3.5601
	K0-W5	2.1600*	.31178	.000	1.5165	2.8035
	K10-W10	1.8400*	.31178	.000	1.1965	2.4835
	K10-W15	2.5533*	.31178	.000	1.9099	3.1968
K30-W5	K10-W5	1.5133*	.31178	.000	.8699	2.1568
	K30-W10	1.0433*	.31178	.003	.3999	1.6868
	K30-W15	1.8367*	.31178	.000	1.1932	2.4801
	K50-W10	2.1533*	.31178	.000	1.5099	2.7968
	K50-W15	2.4100*	.31178	.000	1.7665	3.0535
	K50-W5	.4267	.31178	.184	-.2168	1.0701

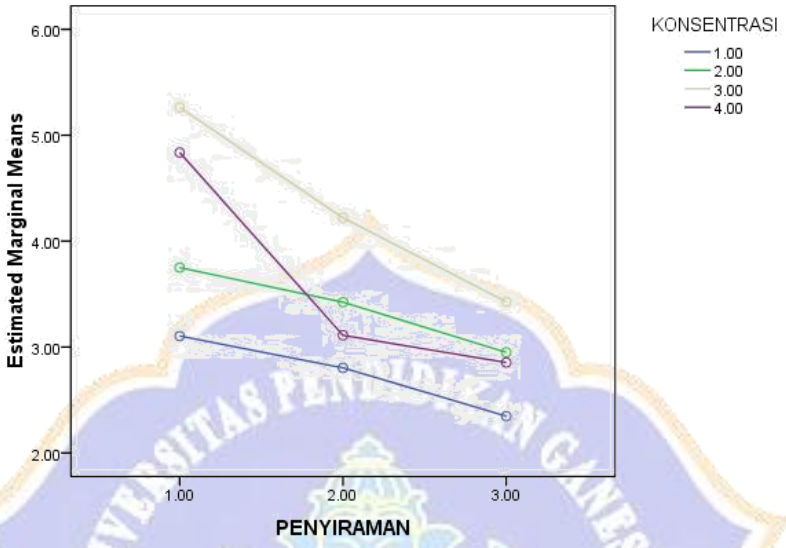
	K0-W10	.3067	.31178	.335	-.3368	.9501
	K0-W15	.7633*	.31178	.022	.1199	1.4068
	K0-W5	.0067	.31178	.983	-.6368	.6501
	K10-W10	-.3133	.31178	.325	-.9568	.3301
	K10-W15	.4000	.31178	.212	-.2435	1.0435
K50-W10	K10-W5	-.6400	.31178	.051	-1.2835	.0035
	K30-W10	-1.1100*	.31178	.002	-1.7535	-.4665
	K30-W15	-.3167	.31178	.320	-.9601	.3268
	K30-W5	-2.1533*	.31178	.000	-2.7968	-1.5099
	K50-W15	.2567	.31178	.418	-.3868	.9001
	K50-W5	-1.7267*	.31178	.000	-2.3701	-1.0832
	K0-W10	.0500	.31178	.874	-.5935	.6935
	K0-W15	.5067	.31178	.117	-.1368	1.1501
	K0-W5	-.2500	.31178	.431	-.8935	.3935
	K10-W10	-.5700	.31178	.080	-1.2135	.0735
	K10-W15	.1433	.31178	.650	-.5001	.7868
K50-W15	K10-W5	-.8967*	.31178	.008	-1.5401	-.2532
	K30-W10	-1.3667*	.31178	.000	-2.0101	-.7232
	K30-W15	-.5733	.31178	.078	-1.2168	.0701
	K30-W5	-2.4100*	.31178	.000	-3.0535	-1.7665
	K50-W10	-.2567	.31178	.418	-.9001	.3868
	K50-W5	-1.9833*	.31178	.000	-2.6268	-1.3399
	K0-W10	2.0333*	.31178	.000	1.3899	2.6768
	K0-W15	2.4900*	.31178	.000	1.8465	3.1335
	K0-W5	1.7333*	.31178	.000	1.0899	2.3768
	K10-W10	1.4133*	.31178	.000	.7699	2.0568
	K10-W15	2.1267*	.31178	.000	1.4832	2.7701
K50-W5	K10-W5	1.0867*	.31178	.002	.4432	1.7301
	K30-W10	.6167	.31178	.060	-.0268	1.2601
	K30-W15	1.4100*	.31178	.000	.7665	2.0535
	K30-W5	-.4267	.31178	.184	-1.0701	.2168
	K50-W10	1.7267*	.31178	.000	1.0832	2.3701
	K50-W15	1.9833*	.31178	.000	1.3399	2.6268

Based on observed means.

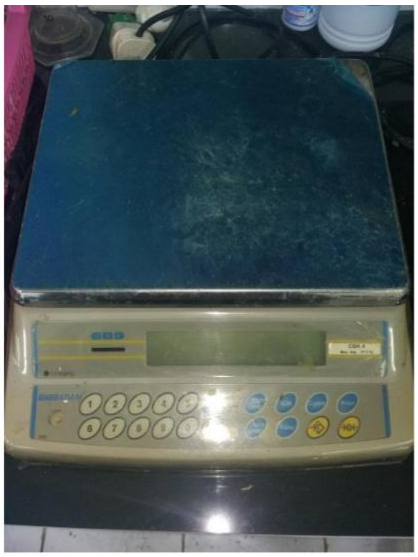
The error term is Mean Square(Error) = .146.

*. The mean difference is significant at the .05 level.

Estimated Marginal Means of BERATKERING



DOKUMENTASI PENELITIAN

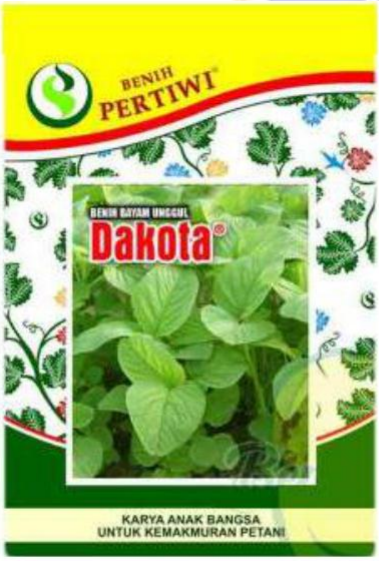


Gambar 1. Neraca analitik merek Adam CBK yang digunakan untuk menimbang berat kering bayam

Gambar 2. Drying Oven merek MEMMERT yang digunakan untuk mengeringkan bayam untuk mendapatkan berat kering

Gambar 3. Bayam cabut (*Amaranthus tricolor* L) bentuk masih segar kering

Gambar 4. Bayam cabut (*Amaranthus tricolor* L) bentuk kering



Gambar 4. Benih bayam cabut yang di beli di took pertanian merk ‘’Benih Pertiwi’’

Gambar 5. Pembibitan tanaman Bayam cabut (*Amaranthus tricolor* L).

DOKUMENTASI PENELITIAN

Gambar 6. Tabung ‘’KOMPOSTER’’ yang digunakan membuat pupuk organik cair.

Gambar 7. Cairan Bioakivator yang digunakan untuk membantu proses fermentasi pembuatan pupuk organik cair.

Gambar 8. Tanaman bayam cabut setelah di berikan perlakuan berupa pupuk organik cair dari limbah sayuran dan kulit pisang kepok.

Gambar 9. Alat yang digunakan untuk menyiram tanaman yang di dalamnya terdapat pupuk cair tersebut sesuai konsentrasinya.