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LAMPIRAN

Lampiran 1. Hasil analisis sidik ragam produksi berat segar dan berat kering pada tanaman indigofera dengan berbagai dosis Iradiasi sinar gamma

Panen 1

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Berat Segar	P0	3	.9142	.54210	.31298	-.4325	2.2608	.59	1.54
	P1	3	.5383	.26107	.15073	-.1102	1.1869	.24	.72
	P2	3	.5182	.28832	.16646	-.1981	1.2344	.19	.72
	P3	3	.5933	.34269	.19785	-.2579	1.4446	.30	.97
	P4	3	.9577	.47750	.27568	-.2285	2.1438	.55	1.48
	Total	15	.7043	.39000	.10070	.4884	.9203	.19	1.54
Berat Daun	P0	3	.6787	.39184	.22623	-.2947	1.6521	.41	1.13
	P1	3	.4235	.25231	.14567	-.2033	1.0503	.17	.67
	P2	3	.3859	.19673	.11358	-.1028	.8746	.16	.50
	P3	3	.4477	.23104	.13339	-.1263	1.0216	.27	.71
	P4	3	.6529	.31015	.17907	-.1176	1.4233	.37	.98
	Total	15	.5177	.27215	.07027	.3670	.6684	.16	1.13
Berat Batang	P0	3	.4022	.21542	.12437	-.1330	.9373	.18	.61
	P1	3	.3398	.34195	.19742	-.5096	1.1893	.07	.72
	P2	3	.2985	.31861	.18395	-.4930	1.0899	.03	.65
	P3	3	.1490	.10967	.06332	-.1234	.4214	.04	.26
	P4	3	.5075	.32881	.18984	-.3093	1.3243	.18	.84
	Total	15	.3394	.26462	.06833	.1928	.4859	.03	.84
Berat Kering	P0	3	.7081	.42433	.24499	-.3460	1.7622	.46	1.20
	P1	3	.4171	.20182	.11652	-.0843	.9184	.19	.56

	P2	3	.4003	.22264	.12854	-.1527	.9534	.15	.56
	P3	3	.4541	.26561	.15335	-.2057	1.1139	.23	.75
	P4	3	.7058	.33442	.19308	-.1249	1.5366	.41	1.07
	Total	15	.5371	.29260	.07555	.3750	.6991	.15	1.20

Berat Segar

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P2	3	.5182
	P1	3	.5383
	P3	3	.5933
	P0	3	.9142
	P4	3	.9577
	Sig.		.241

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Daun

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P2	3	.3859
	P1	3	.4235
	P3	3	.4477
	P4	3	.6529
	P0	3	.6787
	Sig.		.272

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Batang

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P3	3	.1490
	P2	3	.2985
	P1	3	.3398
	P0	3	.4022
	P4	3	.5075
	Sig.		.176

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Kering

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P2	3	.4003
	P1	3	.4171
	P3	3	.4541
	P4	3	.7058
	P0	3	.7081
	Sig.		.275

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Berat Segar	P0	3	.1794	.08721	.05035	-.0372	.3961	.10	.27
	P1	3	.1238	.05504	.03178	-.0129	.2606	.07	.18
	P2	3	.1212	.09851	.05688	-.1235	.3660	.04	.23
	P3	3	.1478	.10969	.06333	-.1247	.4203	.03	.25
	P4	3	.2519	.18494	.10677	-.2075	.7113	.09	.45
	Total	15	.1648	.10959	.02830	.1041	.2255	.03	.45
Berat Daun	P0	3	.0961	.03869	.02233	.0000	.1922	.06	.13
	P1	3	.0658	.01962	.01133	.0171	.1146	.04	.08
	P2	3	.0962	.06191	.03574	-.0576	.2500	.03	.14
	P3	3	.0900	.07365	.04252	-.0930	.2730	.02	.17
	P4	3	.1333	.09212	.05319	-.0955	.3622	.06	.24
	Total	15	.0963	.05749	.01484	.0645	.1281	.02	.24
Berat Batang	P0	3	.0833	.04937	.02850	-.0393	.2060	.04	.14
	P1	3	.0581	.03680	.02124	-.0333	.1495	.03	.10
	P2	3	.0545	.04785	.02763	-.0643	.1734	.01	.11
	P3	3	.0578	.04282	.02473	-.0486	.1642	.01	.08
	P4	3	.1186	.09370	.05410	-.1142	.3513	.03	.22
	Total	15	.0745	.05496	.01419	.0440	.1049	.01	.22
Berat Kering	P0	3	.1702	.11882	.06860	-.1250	.4654	.08	.30
	P1	3	.0900	.03816	.02203	-.0048	.1848	.05	.13
	P2	3	.0926	.07571	.04371	-.0954	.2807	.03	.18
	P3	3	.1138	.08163	.04713	-.0890	.3166	.03	.19
	P4	3	.1891	.13904	.08028	-.1563	.5345	.07	.34
	Total	15	.1311	.09246	.02387	.0799	.1823	.03	.34

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Berat Segar	1.267	4	10	.345
Berat Daun	1.991	4	10	.172
Berat Batang	.903	4	10	.498
Berat Kering	1.370	4	10	.312

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Berat Segar	Between Groups	.035	4	.009	.657	.635
	Within Groups	.133	10	.013		
	Total	.168	14			
Berat Daun	Between Groups	.007	4	.002	.447	.773
	Within Groups	.039	10	.004		
	Total	.046	14			
Berat Batang	Between Groups	.009	4	.002	.666	.630
	Within Groups	.033	10	.003		
	Total	.042	14			
Berat Kering	Between Groups	.025	4	.006	.663	.632
	Within Groups	.095	10	.009		
	Total	.120	14			

Berat Segar

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P2	3	.1212
	P1	3	.1238
	P3	3	.1478
	P0	3	.1794
	P4	3	.2519
	Sig.		.230

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Daun

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P1	3	.0658
	P3	3	.0900
	P0	3	.0961
	P2	3	.0962
	P4	3	.1333
	Sig.		.252

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Batang

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P2	3	.0545
	P3	3	.0578
	P1	3	.0581
	P0	3	.0833
	P4	3	.1186
	Sig.		.239

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Kering

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P1	3	.0900
	P2	3	.0926
	P3	3	.1138
	P0	3	.1702
	P4	3	.1891
	Sig.		.277

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
Berat Segar	P0	3	.2313	.13465	.07774	-.1032	.5658	.08	.35
	P1	3	.1967	.13966	.08063	-.1503	.5436	.09	.36
	P2	3	.2417	.19768	.11413	-.2494	.7327	.09	.47
	P3	3	.2247	.11302	.06525	-.0561	.5054	.10	.32
	P4	3	.8973	.66670	.38492	-.7588	2.5535	.25	1.58
	Total	15	.3583	.39286	.10144	.1408	.5759	.08	1.58
Berat Daun	P0	3	.1453	.09548	.05513	-.0919	.3825	.06	.25
	P1	3	.1447	.08145	.04703	-.0577	.3470	.08	.24
	P2	3	.2110	.14010	.08088	-.1370	.5590	.07	.35
	P3	3	.1630	.07308	.04219	-.0185	.3445	.08	.21
	P4	3	.3463	.31278	.18058	-.4307	1.1233	.14	.71
	Total	15	.2021	.16122	.04163	.1128	.2913	.06	.71
Berat Batang	P0	3	.0640	.03974	.02294	-.0347	.1627	.02	.10
	P1	3	.0417	.03213	.01855	-.0381	.1215	.02	.08
	P2	3	.0677	.04697	.02712	-.0490	.1844	.02	.12
	P3	3	.0603	.04501	.02599	-.0515	.1722	.02	.11
	P4	3	.2103	.21082	.12172	-.3134	.7340	.03	.44
	Total	15	.0888	.10663	.02753	.0298	.1478	.02	.44
Berat Kering	P0	3	.1083	.07016	.04051	-.0660	.2826	.03	.17
	P1	3	.1400	.11648	.06725	-.1493	.4293	.06	.27
	P2	3	.1447	.08849	.05109	-.0752	.3645	.05	.22
	P3	3	.0973	.06934	.04003	-.0749	.2696	.04	.17
	P4	3	.4157	.29938	.17285	-.3280	1.1594	.11	.71
	Total	15	.1812	.17979	.04642	.0816	.2808	.03	.71

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Berat Segar	2.509	4	10	.109
Berat Daun	4.250	4	10	.029
Berat Batang	4.754	4	10	.021
Berat Kering	2.013	4	10	.168

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Berat Segar	Between Groups	1.093	4	.273	2.558	.104
	Within Groups	1.068	10	.107		
	Total	2.161	14			
Berat Daun	Between Groups	.087	4	.022	.783	.561
	Within Groups	.277	10	.028		
	Total	.364	14			
Berat Batang	Between Groups	.057	4	.014	1.379	.309
	Within Groups	.103	10	.010		
	Total	.159	14			
Berat Kering	Between Groups	.211	4	.053	2.185	.144
	Within Groups	.242	10	.024		
	Total	.453	14			

Multiple Comparisons

Dependent Variable		(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Berat Segar	LSD	P0	P1	.03467	.26683	.899	-.5599	.6292
			P2	-.01033	.26683	.970	-.6049	.5842
			P3	.00667	.26683	.981	-.5879	.6012
			P4	-.66600*	.26683	.032	-1.2605	-.0715
		P1	P0	-.03467	.26683	.899	-.6292	.5599
			P2	-.04500	.26683	.869	-.6395	.5495
			P3	-.02800	.26683	.919	-.6225	.5665
			P4	-.70067*	.26683	.025	-1.2952	-.1061
		P2	P0	.01033	.26683	.970	-.5842	.6049
			P1	.04500	.26683	.869	-.5495	.6395
			P3	.01700	.26683	.950	-.5775	.6115
			P4	-.65567*	.26683	.034	-1.2502	-.0611
		P3	P0	-.00667	.26683	.981	-.6012	.5879
			P1	.02800	.26683	.919	-.5665	.6225
			P2	-.01700	.26683	.950	-.6115	.5775
			P4	-.67267*	.26683	.030	-1.2672	-.0781
		P4	P0	.66600*	.26683	.032	.0715	1.2605
			P1	.70067*	.26683	.025	.1061	1.2952
			P2	.65567*	.26683	.034	.0611	1.2502
			P3	.67267*	.26683	.030	.0781	1.2672
Berat Daun	LSD	P0	P1	.00067	.13592	.996	-.3022	.3035
			P2	-.06567	.13592	.639	-.3685	.2372
			P3	-.01767	.13592	.899	-.3205	.2852
			P4	-.20100	.13592	.170	-.5038	.1018
		P1	P0	-.00067	.13592	.996	-.3035	.3022
			P2	-.06633	.13592	.636	-.3692	.2365
			P3	-.01833	.13592	.895	-.3212	.2845
			P4	-.20167	.13592	.169	-.5045	.1012
		P2	P0	.06567	.13592	.639	-.2372	.3685

		P1	.06633	.13592	.636	-.2365	.3692
		P3	.04800	.13592	.731	-.2548	.3508
		P4	-.13533	.13592	.343	-.4382	.1675
	P3	P0	.01767	.13592	.899	-.2852	.3205
		P1	.01833	.13592	.895	-.2845	.3212
		P2	-.04800	.13592	.731	-.3508	.2548
		P4	-.18333	.13592	.207	-.4862	.1195
	P4	P0	.20100	.13592	.170	-.1018	.5038
		P1	.20167	.13592	.169	-.1012	.5045
		P2	.13533	.13592	.343	-.1675	.4382
		P3	.18333	.13592	.207	-.1195	.4862
Berat Batang	LSD	P0	P1	.02233	.08269	.793	-.1619	.2066
			P2	-.00367	.08269	.966	-.1879	.1806
			P3	.00367	.08269	.966	-.1806	.1879
			P4	-.14633	.08269	.107	-.3306	.0379
		P1	P0	-.02233	.08269	.793	-.2066	.1619
			P2	-.02600	.08269	.760	-.2103	.1583
			P3	-.01867	.08269	.826	-.2029	.1656
			P4	-.16867	.08269	.069	-.3529	.0156
		P2	P0	.00367	.08269	.966	-.1806	.1879
			P1	.02600	.08269	.760	-.1583	.2103
			P3	.00733	.08269	.931	-.1769	.1916
			P4	-.14267	.08269	.115	-.3269	.0416
		P3	P0	-.00367	.08269	.966	-.1879	.1806
			P1	.01867	.08269	.826	-.1656	.2029
			P2	-.00733	.08269	.931	-.1916	.1769
			P4	-.15000	.08269	.100	-.3343	.0343
		P4	P0	.14633	.08269	.107	-.0379	.3306
			P1	.16867	.08269	.069	-.0156	.3529
			P2	.14267	.08269	.115	-.0416	.3269
			P3	.15000	.08269	.100	-.0343	.3343
Berat Kering	LSD	P0	P1	-.03167	.12689	.808	-.3144	.2511
			P2	-.03633	.12689	.780	-.3191	.2464

		P3	.01100	.12689	.933	-.2717	.2937
		P4	-.30733*	.12689	.036	-.5901	-.0246
	P1	P0	.03167	.12689	.808	-.2511	.3144
		P2	-.00467	.12689	.971	-.2874	.2781
		P3	.04267	.12689	.744	-.2401	.3254
		P4	-.27567	.12689	.055	-.5584	.0071
	P2	P0	.03633	.12689	.780	-.2464	.3191
		P1	.00467	.12689	.971	-.2781	.2874
		P3	.04733	.12689	.717	-.2354	.3301
		P4	-.27100	.12689	.058	-.5537	.0117
	P3	P0	-.01100	.12689	.933	-.2937	.2717
		P1	-.04267	.12689	.744	-.3254	.2401
		P2	-.04733	.12689	.717	-.3301	.2354
		P4	-.31833*	.12689	.031	-.6011	-.0356
	P4	P0	.30733*	.12689	.036	.0246	.5901
		P1	.27567	.12689	.055	-.0071	.5584
		P2	.27100	.12689	.058	-.0117	.5537
		P3	.31833*	.12689	.031	.0356	.6011

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

Berat Segar

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	P1	3	.1967	
	P3	3	.2247	
	P0	3	.2313	
	P2	3	.2417	
	P4	3		.8973
	Sig.		.878	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Daun

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P1	3	.1447
	P0	3	.1453
	P3	3	.1630
	P2	3	.2110
	P4	3	.3463
	Sig.		.202

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Batang

	Perlakuan	N	Subset for alpha = 0.05
			1
Duncan[a]	P1	3	.0417
	P3	3	.0603
	P0	3	.0640
	P2	3	.0677
	P4	3	.2103
	Sig.		.090

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Berat Kering

	Perlakuan	N	Subset for alpha = 0.05	
			1	2
Duncan[a]	P3	3	.0973	
	P0	3	.1083	
	P1	3	.1400	.1400
	P2	3	.1447	.1447
	P4	3		.4157
	Sig.		.735	.064

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 4. Dokumentasi Kegiatan Penelitian

Keterangan: Proses penyemprotan gulma

Keterangan: Proses penimbangan sampel


Keterangan: Pemberian sampel pada tanaman dan pemisahan daun dan ranting

RIWAYAT HIDUP

A.Muh Iqbal pratama lahir di mare, kabupaten bone pada tanggal 06 juli 1999 sebagai anak pertama dari 3 orang bersaudara,lahir dari pasangan bapak A.sukri dan ibuSudarmin. Jenjang pendidikan formal yang pernah ditempuh adalah SDinpres 10/73 pancaitana, salomekko lulus pada tahun 2011,kemudian setelah lulus SD melanjutkan kejenjang SMPN 1 Salomekko lulus pada tahun 2014,dan melanjutkan sekolah menengah atas SMAN 1 Tonra dan lulus pada tahun 2017. Sekarang penulis duduk dibangku perkuliahan, di Universitas Hasanuddin Fakultas Peternakan dan masih tahap awal yaitu bergelar sebagai mahasiswa baru angkatan 2017. Penulis masuk dengan jalur bebas tes yaitu SNMPTN. Hobby Penulis adalah jalan jalan. Impian penulis adalah untuk membahagiakan kedua orang tua dan keluarga.