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# LAMPIRAN

Lampiran .1. Data hasil analisa kadar air kernel selama diinapkan

Analisa Kadar Air										
Hari	Jam	Suhu bunker	Parameter	Wadah kosong (gr)	Berat sampel basah + wadah (gr)	Berat sampel kering + wadah (gr)	Berat sampel sebelum pengeringan (gr)	Berat sampel setelah pengeringan (gr)	Penguapan (gr)	Kadar air (%)
0	10:00	27°C	Sampel 1	88,5348	135,3510	133,7653	46,8162	45,2305	1,5857	3,39%
			Sampel 2	88,1287	135,7908	134,1733	47,6621	46,0446	1,6175	3,39%
			Sampel 3	85,2494	135,4318	133,8550	50,1824	48,6056	1,5768	3,14%
1	08:00	27°C	Sampel 1	88,5298	135,3611	133,8858	46,8313	45,3560	1,4753	3,15%
			Sampel 2	88,1259	135,8910	134,2873	47,7651	46,1614	1,6037	3,36%
			Sampel 3	85,2474	135,4313	133,9699	50,1839	48,7225	1,4614	2,91%
2	08:10	27°C	Sampel 1	88,5285	108,2862	107,5250	19,7577	18,9965	0,7612	3,85%
			Sampel 2	88,1218	108,1030	107,3398	19,9812	19,2180	0,7632	3,82%
			Sampel 3	87,5240	107,4672	106,6965	19,9432	19,1725	0,7707	3,86%
3	08:15	27°C	Sampel 1	79,6378	100,2779	99,5183	20,6401	19,8805	0,7596	3,68%
			Sampel 2	79,3997	99,8027	99,0180	20,4030	19,6183	0,7847	3,85%
			Sampel 3	73,8027	94,4017	93,5913	20,5990	19,7886	0,8104	3,93%
4	08:15	27°C	Sampel 1	79,6737	100,1998	99,2160	20,5261	19,5423	0,9838	4,79%
			Sampel 2	79,3975	99,9176	98,9869	20,5201	19,5894	0,9307	4,54%
			Sampel 3	73,7952	94,1283	93,1740	20,3331	19,3788	0,9543	4,69%
5	08:05	27°C	Sampel 1	79,6790	100,2213	99,2175	20,5423	19,5385	1,0038	4,89%
			Sampel 2	79,3922	99,9550	98,9377	20,5628	19,5455	1,0173	4,95%
			Sampel 3	73,7930	94,2042	93,2061	20,4112	19,4131	0,9981	4,89%

6	08:10	27°C	Sampel 1	79,6789	100,2115	99,1880	20,5326	19,5091	1,0235	4,98%
			Sampel 2	79,3916	99,9568	99,0185	20,5652	19,6269	0,9383	4,56%
			Sampel 3	73,7922	94,2045	93,1126	20,4123	19,3204	1,0919	5,35%
7	08:05	27°C	Sampel 1	79,6370	100,2948	99,3438	20,6578	19,7068	0,9510	4,60%
			Sampel 2	79,3955	99,9246	98,9714	20,5291	19,5759	0,9532	4,64%
			Sampel 3	73,7976	94,3432	93,3897	20,5456	19,5921	0,9535	4,64%
8	08:00	27°C	Sampel 1	79,7529	100,3730	99,3480	20,6201	19,5951	1,0250	4,97%
			Sampel 2	79,3910	99,9256	98,8025	20,5346	19,4115	1,1231	5,47%
			Sampel 3	73,7936	94,4827	93,3885	20,6891	19,5949	1,0942	5,29%
9	08:05	27°C	Sampel 1	79,6674	100,3145	99,2268	20,6471	19,5594	1,0877	5,27%
			Sampel 2	79,3898	99,8535	98,7364	20,4637	19,3466	1,1171	5,46%
			Sampel 3	73,7963	94,3462	93,3625	20,5499	19,5662	0,9837	4,79%
10	08:10	27°C	Sampel 1	79,6688	100,3761	99,2380	20,7073	19,5692	1,1381	5,50%
			Sampel 2	79,3902	100,0349	98,9185	20,6447	19,5283	1,1164	5,41%
			Sampel 3	73,7955	94,3859	93,3335	20,5904	19,5380	1,0524	5,11%
11	08:15	27°C	Sampel 1	79,6672	100,1760	99,1050	20,5088	19,4378	1,0710	5,22%
			Sampel 2	79,3892	100,0510	98,9890	20,6618	19,5998	1,0620	5,14%
			Sampel 3	73,7951	94,2668	93,2565	20,4717	19,4614	1,0103	4,94%
12	08:15	27°C	Sampel 1	79,6668	100,1758	99,1118	20,5090	19,4450	1,0640	5,19%
			Sampel 2	79,3872	100,0513	99,0102	20,6641	19,6230	1,0411	5,04%
			Sampel 3	73,7956	94,3258	93,2748	20,5302	19,4792	1,0510	5,12%

13	08:10	27°C	Sampel 1	79,6679	100,3141	99,0982	20,6462	19,4303	1,2159	5,89%
			Sampel 2	79,3907	99,9705	98,7663	20,5798	19,3756	1,2042	5,85%
			Sampel 3	73,7947	94,4435	93,2284	20,6488	19,4337	1,2151	5,88%
14	08:10	27°C	Sampel 1	79,6712	100,2888	99,0814	20,6176	19,4102	1,2074	5,86%
			Sampel 2	79,3880	100,0563	98,8660	20,6683	19,4780	1,1903	5,76%
			Sampel 3	73,7965	94,5122	93,3727	20,7157	19,5762	1,1395	5,50%
15	08:15	27°C	Sampel 1	79,6696	100,2864	98,9897	20,6168	19,3201	1,2967	6,29%
			Sampel 2	79,3888	100,0553	98,7669	20,6665	19,3781	1,2884	6,23%
			Sampel 3	73,7970	94,5128	93,2743	20,7158	19,4773	1,2385	5,98%

Lampiran .2. Data analisa kandungan minyak kernel selama diinapkan

<b>Analisa Kandungan Minyak</b>							
Hari	Jam	Parameter	Berat labu kosong (gr)	Berat labu ekstraksi (gr)	Berat minyak (gr)	Berat Sampel (gr)	Kandungan minyak (%)
0	14:30	Sampel 1	98,7972	121,2967	22,4995	46,8162	48,06%
		Sampel 2	105,1400	128,1445	23,0045	47,6621	48,27%
		Sampel 3	102,6580	126,7651	24,1071	50,1824	48,04%
1	14:00	Sampel 1	98,8195	121,3766	22,5571	46,8313	48,17%
		Sampel 2	106,3082	129,4554	23,1472	47,7651	48,46%
		Sampel 3	102,6770	126,6610	23,9840	50,1839	47,79%
2	14:35	Sampel 1	98,7860	108,2814	9,4954	19,7577	48,06%
		Sampel 2	102,6430	112,1779	9,5349	19,9812	47,72%
		Sampel 3	105,1230	114,6751	9,5521	19,9432	47,90%
3	14:20	Sampel 1	98,7848	108,7623	9,9775	20,6401	48,34%
		Sampel 2	102,6453	112,3948	9,7495	20,4030	47,78%
		Sampel 3	105,1215	114,9484	9,8269	20,5990	47,71%
4	14:14	Sampel 1	98,7910	108,4805	9,6895	20,5261	47,21%
		Sampel 2	102,6430	112,1865	9,5435	20,5201	46,51%
		Sampel 3	105,1282	114,9321	9,8039	20,3331	48,22%
5	14:00	Sampel 1	100,0385	109,6933	9,6548	20,5423	47,00%
		Sampel 2	102,6348	112,2362	9,6014	20,5628	46,69%
		Sampel 3	105,1143	114,8081	9,6938	20,4112	47,49%
6	14:10	Sampel 1	100,0333	109,6183	9,5850	20,5326	46,68%
		Sampel 2	102,8393	112,4712	9,6319	20,5652	46,84%
		Sampel 3	105,1100	114,6661	9,5561	20,4123	46,82%
7	14:00	Sampel 1	100,0519	109,5520	9,5001	20,6578	45,99%
		Sampel 2	102,6466	112,1335	9,4869	20,5291	46,21%
		Sampel 3	105,1271	114,4838	9,3567	20,5456	45,54%



8	14:00	Sampel 1	100,0383	109,2290	9,1907	20,6201	44,57%
		Sampel 2	102,6373	111,7556	9,1183	20,5346	44,40%
		Sampel 3	105,1199	114,4881	9,3682	20,6891	45,28%
9	14:00	Sampel 1	100,0454	109,2810	9,2356	20,6471	44,73%
		Sampel 2	102,6397	111,6465	9,0068	20,4637	44,01%
		Sampel 3	105,1145	114,2614	9,1469	20,5499	44,51%
10	14:05	Sampel 1	100,0404	109,4327	9,3923	20,7073	45,36%
		Sampel 2	102,6270	111,6362	9,0092	20,6447	43,64%
		Sampel 3	105,1023	114,4065	9,3042	20,5904	45,19%
11	14:30	Sampel 1	100,0483	108,9593	8,9110	20,5088	43,45%
		Sampel 2	102,6427	111,8209	9,1782	20,6618	44,42%
		Sampel 3	105,1146	114,2517	9,1371	20,4717	44,63%
12	14:15	Sampel 1	100,0452	108,9657	8,9205	20,5090	43,50%
		Sampel 2	102,6311	111,4298	8,7987	20,6641	42,58%
		Sampel 3	105,1183	114,2548	9,1365	20,5302	44,50%
13	14:15	Sampel 1	100,0488	108,9638	8,9150	20,6462	43,18%
		Sampel 2	102,6409	111,3361	8,6952	20,5798	42,25%
		Sampel 3	105,1237	114,0685	8,9448	20,6488	43,32%
14	14:00	Sampel 1	100,0465	108,0448	7,9983	20,6176	38,79%
		Sampel 2	102,6398	111,2977	8,6579	20,6683	41,89%
		Sampel 3	105,1116	114,0553	8,9437	20,7157	43,17%
15	14:05	Sampel 1	100,0454	108,0350	7,9896	20,6168	38,75%
		Sampel 2	102,6409	111,2868	8,6459	20,6665	41,84%
		Sampel 3	105,1109	114,0454	8,9345	20,7158	43,13%

**Lampiran .3. Data hasil analisa kadar air kernel**

Hari	Parameter	Kadar air kernel (%)	Standar maksimal kadar air (%)
0	Sampel 1	3,39%	< 7%
	Sampel 2	3,39%	
	Sampel 3	3,14%	
1	Sampel 1	3,15%	
	Sampel 2	3,36%	
	Sampel 3	2,91%	
2	Sampel 1	3,85%	
	Sampel 2	3,82%	
	Sampel 3	3,86%	
3	Sampel 1	3,68%	
	Sampel 2	3,85%	
	Sampel 3	3,93%	
4	Sampel 1	4,79%	
	Sampel 2	4,54%	
	Sampel 3	4,69%	
5	Sampel 1	4,89%	
	Sampel 2	4,95%	
	Sampel 3	4,89%	
6	Sampel 1	4,98%	
	Sampel 2	4,56%	
	Sampel 3	5,35%	
7	Sampel 1	4,60%	
	Sampel 2	4,64%	
	Sampel 3	4,64%	
8	Sampel 1	4,97%	
	Sampel 2	5,47%	
	Sampel 3	5,29%	
9	Sampel 1	5,27%	
	Sampel 2	5,46%	
	Sampel 3	4,79%	
10	Sampel 1	5,50%	
	Sampel 2	5,41%	

	Sampel 3	5,11%	
11	Sampel 1	5,22%	
	Sampel 2	5,14%	
	Sampel 3	4,94%	
12	Sampel 1	5,19%	
	Sampel 2	5,04%	
	Sampel 3	5,12%	
13	Sampel 1	5,89%	
	Sampel 2	5,85%	
	Sampel 3	5,88%	
14	Sampel 1	5,86%	
	Sampel 2	5,76%	
	Sampel 3	5,50%	
15	Sampel 1	6,29%	
	Sampel 2	6,23%	
	Sampel 3	5,98%	

**Lampiran .4. Data analisa kandungan minyak kernel**

Hari	Parameter	Kandungan minyak (%)	Standar maksimal kandungan minyak (%)
0	Sampel 1	48,06%	47 – 52%
	Sampel 2	48,27%	
	Sampel 3	48,04%	
1	Sampel 1	48,17%	
	Sampel 2	48,46%	
	Sampel 3	47,79%	
2	Sampel 1	48,06%	
	Sampel 2	47,72%	
	Sampel 3	47,90%	
3	Sampel 1	48,34%	
	Sampel 2	47,78%	
	Sampel 3	47,71%	
4	Sampel 1	47,21%	
	Sampel 2	46,51%	
	Sampel 3	48,22%	
5	Sampel 1	47,00%	
	Sampel 2	46,69%	
	Sampel 3	47,49%	
6	Sampel 1	46,68%	
	Sampel 2	46,84%	
	Sampel 3	46,82%	
7	Sampel 1	45,99%	
	Sampel 2	46,21%	
	Sampel 3	45,54%	
8	Sampel 1	44,57%	
	Sampel 2	44,40%	
	Sampel 3	45,28%	
9	Sampel 1	44,73%	
	Sampel 2	44,01%	
	Sampel 3	44,51%	
10	Sampel 1	45,36%	
	Sampel 2	43,64%	
	Sampel 3	45,19%	
11	Sampel 1	43,45%	
	Sampel 2	44,42%	
	Sampel 3	44,63%	

12	Sampel 1	43,50%	
	Sampel 2	42,58%	
	Sampel 3	44,50%	
13	Sampel 1	43,18%	
	Sampel 2	42,25%	
	Sampel 3	43,32%	
14	Sampel 1	38,79%	
	Sampel 2	41,89%	
	Sampel 3	43,17%	
15	Sampel 1	38,75%	
	Sampel 2	41,84%	
	Sampel 3	43,13%	

**Lampiran .5. Proses pengeringan di oven**



**Lampiran .6. Proses ekstraksi kandungan minyak**



**Lampiran .7. Penyimpanan sampel di bunker kernel**

