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LAMPIRAN

Lampiran 1 : Rekapitulasi Data Parameter Pengamatan Stek *Corymbia sp.* Clone IND 125

Komposisi ZPT / Perlakuan (ppm)	Ulangan	Tinggi (cm)	Daya Bertahan Hidup (%)	Kemampuan Berakar (%)	Panjang Akar (cm)	Jumlah Akar	Jumlah Daun
Tanpa ZPT (P1)	U1	24.50	86.11	9.68	25.10	8	7
	U2	28.00	87.50	9.52	24.40	3	7
	U3	30.50	83.33	10.00	19.80	3	6
	Rata-rata	27.67 a	85.65 a	9.73 b	23.10 b	4.67 b	6.67 b
IBA 5000 ppm (P2)	U1	29.00	72.22	32.69	34.00	11	9
	U2	27.00	77.46	18.18	32.20	11	9
	U3	29.50	83.33	30.00	28.20	7	12
	Rata-rata	28.50 a	77.67 bc	26.96 a	31.47 a	9.67 ab	10.00 a
IBA 3000 ppm : NAA 2000 ppm (P3)	U1	28.50	80.56	41.38	28.00	9	10
	U2	27.50	80.56	25.86	24.40	7	6
	U3	31.50	80.56	48.28	32.40	14	11
	Rata-rata	29.17 a	80.56 abc	38.51 a	28.27 ab	10.00 ab	9.00 ab
IBA 2000 ppm : NAA 3000 ppm (P4)	U1	30.50	83.33	28.33	23.80	8	9
	U2	28.00	84.72	37.70	22.50	13	10
	U3	29.00	84.72	24.59	24.40	8	8
	Rata-rata	29.17 a	84.26 ab	30.21 a	23.57 ab	9.67 ab	9.00 ab
NAA 5000 ppm (P5)	U1	29.00	69.44	14.00	33.20	15	9
	U2	32.00	81.94	23.73	29.60	11	10
	U3	30.50	77.78	35.71	22.30	12	10
	Rata-rata	30.50 a	76.39 c	24.48 a	28.37 ab	12.67 a	9.67 ab
Sig.		0.522	0.050	0.012	0.078	0.062	0.144
LSD 5%		-	5.806	11.617	-	-	-

Lampiran 2 : Rekapitulasi Data Parameter Tinggi (cm)

a. Data Pengamatan Sampel Tinggi (cm) per Minggu Stek *Corymbia sp.* Clone IND 125

Data Tinggi Stek (cm)											
Perlakuan	Ulangan	Minggu ke-									
		1	2	3	4	5	6	7	8	9	10
Tanpa ZPT (P1)	U1	13.40	14.50	16.30	16.90	19.00	19.50	20.50	22.00	23.50	24.50
	U2	13.10	14.00	16.80	18.00	20.50	21.00	22.50	24.00	26.00	28.00
	U3	18.80	20.00	22.40	24.80	26.50	26.50	28.50	29.00	30.50	30.50
	Rata-rata	15.10	16.17	18.50	19.90	22.00	22.33	23.83	25.00	26.67	27.67
IBA 5000 ppm (P2)	U1	13.30	14.50	17.50	18.70	20.00	20.50	22.50	24.50	27.00	29.00
	U2	16.60	17.90	19.00	19.70	20.40	21.60	22.50	24.50	26.00	27.00
	U3	18.30	19.20	21.70	23.00	24.00	25.00	25.50	27.00	27.50	29.50
	Rata-rata	16.07	17.20	19.40	20.47	21.47	22.37	23.50	25.33	26.83	28.50
IBA 3000 ppm : NAA 2000 ppm (P3)	U1	14.00	14.40	16.10	16.50	18.00	19.50	20.50	22.00	24.50	28.50
	U2	14.60	15.50	18.50	18.50	20.20	21.00	22.50	23.50	26.00	27.50
	U3	15.50	17.00	18.90	19.00	20.50	21.00	22.50	24.50	26.50	31.50
	Rata-rata	14.70	15.63	17.83	18.00	19.57	20.50	21.83	23.33	25.67	29.17
IBA 2000 ppm : NAA 3000 ppm (P4)	U1	17.30	18.40	20.40	21.10	23.00	23.50	25.00	27.00	29.00	30.50
	U2	14.00	15.50	17.50	19.00	19.50	20.50	21.50	23.00	26.50	28.00
	U3	17.50	18.80	20.40	21.00	23.00	23.50	25.50	26.00	28.00	29.00
	Rata-rata	16.27	17.57	19.43	20.37	21.83	22.50	24.00	25.33	27.83	29.17
NAA 5000 ppm (P5)	U1	13.50	14.50	17.50	18.50	20.50	21.00	22.50	24.50	26.50	29.00
	U2	17.40	19.40	21.30	22.50	23.30	24.50	25.50	26.50	28.00	32.00
	U3	17.20	19.50	20.00	21.50	23.00	24.50	25.50	28.00	28.50	30.50
	Rata-rata	16.03	17.80	19.60	20.83	22.27	23.33	24.50	26.33	27.67	30.50

b. Hasil ANOVA Tinggi (cm) Stek *Corymbia sp.* Clone IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	13.000	3.250	0.855 ^{NS}	3.478	0.522
Error	10	38.000	3.800			
Total	14	51.000				

Keterangan: ^{NS} = Tidak berpengaruh nyata

Lampiran 3 : Rekapitulasi Data Parameter Persentase Hidup (%)

- a. Hasil Transformasi *ArcSin* Data Persentase Hidup (%) Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA

Ulangan	Perlakuan				
	P1	P2	P3	P4	P5
1	68.09	58.17	63.81	65.88	56.42
2	69.27	61.63	63.81	66.96	64.83
3	65.88	65.88	63.81	66.96	61.85
Total	203.24	185.68	191.44	199.80	183.09
Rata-rata (cm)	67.75	61.89	63.81	66.60	61.03

- b. Hasil ANOVA Persentase Hidup (%) Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	101.512	25.378	3.482*	3.478	0.050
Error	10	72.892	7.289			
Total	14	174.405				

Keterangan: * = Berpengaruh nyata pada taraf uji LSD 5%

c. Hasil Uji Lanjut LSD (*Least Significant Difference*) pada Persentase Hidup (%) Stek *Corymbia sp. Clone* IND 125 Pada Taraf Uji 5%

Multiple Comparisons

Dependent Variable: % ArcSin Daya Bertahan Hidup
LSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Tanpa Hormon (P1)	IBA 5000 ppm (P2)	5.85333*	2.20440	.024	.9416	10.7651
	IBA 3000 + NAA 2000 ppm (P3)	3.93667	2.20440	.104	-.9751	8.8484
	IBA 2000 ppm + NAA 3000 ppm (P4)	1.14613	2.20440	.614	-3.7656	6.0579
	NAA 5000 ppm (P5)	6.71551*	2.20440	.012	1.8038	11.6272
IBA 5000 ppm (P2)	Tanpa Hormon (P1)	-5.85333*	2.20440	.024	-10.7651	-.9416
	IBA 3000 + NAA 2000 ppm (P3)	-1.91667	2.20440	.405	-6.8284	2.9951
	IBA 2000 ppm + NAA 3000 ppm (P4)	-4.70720	2.20440	.058	-9.6189	.2045
	NAA 5000 ppm (P5)	.86218	2.20440	.704	-4.0495	5.7739
IBA 3000 + NAA 2000 ppm (P3)	Tanpa Hormon (P1)	-3.93667	2.20440	.104	-8.8484	.9751
	IBA 5000 ppm (P2)	1.91667	2.20440	.405	-2.9951	6.8284
	IBA 2000 ppm + NAA 3000 ppm (P4)	-2.79053	2.20440	.234	-7.7023	2.1212
	NAA 5000 ppm (P5)	2.77885	2.20440	.236	-2.1329	7.6906
IBA 2000 ppm + NAA 3000 ppm (P4)	Tanpa Hormon (P1)	-1.14613	2.20440	.614	-6.0579	3.7656
	IBA 5000 ppm (P2)	4.70720	2.20440	.058	-.2045	9.6189
	IBA 3000 + NAA 2000 ppm (P3)	2.79053	2.20440	.234	-2.1212	7.7023
	NAA 5000 ppm (P5)	5.56938*	2.20440	.030	.6577	10.4811
NAA 5000 ppm (P5)	Tanpa Hormon (P1)	-6.71551*	2.20440	.012	-11.6272	-1.8038
	IBA 5000 ppm (P2)	-.86218	2.20440	.704	-5.7739	4.0495
	IBA 3000 + NAA 2000 ppm (P3)	-2.77885	2.20440	.236	-7.6906	2.1329
	IBA 2000 ppm + NAA 3000 ppm (P4)	-5.56938*	2.20440	.030	-10.4811	-.6577

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

Lampiran 4 : Rekapitulasi Data Parameter Kemampuan Berakar (%)

a. Hasil Transformasi *ArcSin* Data Persentase Kemampuan Berakar (%) Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA

Ulangan	Perlakuan				
	P1	P2	P3	P4	P5
1	18.12	34.86	40.02	32.15	21.96
2	17.97	25.23	30.55	37.87	29.14
3	18.43	33.20	43.99	29.72	36.68
Total	54.52	93.29	114.56	99.74	87.78
Rata-rata (cm)	18.17	31.10	38.19	33.25	29.26

b. Hasil ANOVA Persentase Kemampuan Berakar (%) Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	657.547	164.387	5.633*	3.478	0.012
Error	10	291.849	29.185			
Total	14	949.396				

Keterangan: * = Berpengaruh nyata pada taraf uji LSD 5%

c. Hasil Uji Lanjut LSD (*Least Significant Difference*) pada Persentase Kemampuan Berakar (%) Stek *Corymbia sp. Clone* IND 125 Pada Taraf Uji 5%

Multiple Comparisons

Dependent Variable: % ArcSin Kemampuan Berakar

LSD	(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
	Tanpa Hormon (P1)	IBA 5000 ppm (P2)	-12.92333*	4.41096	.015	-22.7516	-3.0951
		IBA 3000 + NAA 2000 ppm (P3)	-20.01333*	4.41096	.001	-29.8416	-10.1851
		IBA 2000 ppm + NAA 3000 ppm (P4)	-15.07333*	4.41096	.007	-24.9016	-5.2451
		NAA 5000 ppm (P5)	-11.08667*	4.41096	.031	-20.9149	-1.2584
	IBA 5000 ppm (P2)	Tanpa Hormon (P1)	12.92333*	4.41096	.015	3.0951	22.7516
		IBA 3000 + NAA 2000 ppm (P3)	-7.09000	4.41096	.139	-16.9182	2.7382
		IBA 2000 ppm + NAA 3000 ppm (P4)	-2.15000	4.41096	.636	-11.9782	7.6782
		NAA 5000 ppm (P5)	1.83667	4.41096	.686	-7.9916	11.6649
	IBA 3000 + NAA 2000 ppm (P3)	Tanpa Hormon (P1)	20.01333*	4.41096	.001	10.1851	29.8416
		IBA 5000 ppm (P2)	7.09000	4.41096	.139	-2.7382	16.9182
		IBA 2000 ppm + NAA 3000 ppm (P4)	4.94000	4.41096	.289	-4.8882	14.7682
		NAA 5000 ppm (P5)	8.92667	4.41096	.071	-.9016	18.7549
	IBA 2000 ppm + NAA 3000 ppm (P4)	Tanpa Hormon (P1)	15.07333*	4.41096	.007	5.2451	24.9016
		IBA 5000 ppm (P2)	2.15000	4.41096	.636	-7.6782	11.9782
		IBA 3000 + NAA 2000 ppm (P3)	-4.94000	4.41096	.289	-14.7682	4.8882
		NAA 5000 ppm (P5)	3.98667	4.41096	.387	-5.8416	13.8149
	NAA 5000 ppm (P5)	Tanpa Hormon (P1)	11.08667*	4.41096	.031	1.2584	20.9149
		IBA 5000 ppm (P2)	-1.83667	4.41096	.686	-11.6649	7.9916
		IBA 3000 + NAA 2000 ppm (P3)	-8.92667	4.41096	.071	-18.7549	.9016
		IBA 2000 ppm + NAA 3000 ppm (P4)	-3.98667	4.41096	.387	-13.8149	5.8416

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

Lampiran 5 : Rekapitulasi Data Parameter Panjang Akar (cm)

a. Hasil ANOVA Panjang Akar (cm) Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	151.231	37.808	2.911 ^{NS}	3.478	0.078
Error	10	129.887	12.989			
Total	14	281.117				

Keterangan: ^{NS} = Tidak berpengaruh nyata

Lampiran 6 : Rekapitulasi Data Parameter Jumlah Akar

a. Hasil ANOVA Jumlah Akar Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	100.667	25.167	3.199 ^{NS}	3.478	0.062
Error	10	78.667	7.867			
Total	14	179.333				

Keterangan: ^{NS} = Tidak berpengaruh nyata

Lampiran 7 : Rekapitulasi Data Parameter Jumlah Daun

a. Hasil ANOVA Jumlah Daun Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA Pada Taraf Uji 5%

Sumber Variasi	db	JK	KT	F Hitung	F Tabel	Sig.
Perlakuan	4	20.400	5.100	2.186 ^{NS}	3.478	0.144
Error	10	23.333	2.333			
Total	14	43.733				

Keterangan: ^{NS} = Tidak berpengaruh nyata

Lampiran 8 : Data Pengamatan Sampel Keseluruhan

a. Data Pengamatan Sampel PIU1

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	12.4	12	11.3	11	11	11	11	11	11	11	C	KALUS
2	10.3	11.1	10	10	10	9	9	9	9	0	E	MATI
3	10	10	10.3	10.3	9.5	9	9	9	9	9	C	KALUS
4	15.4	14.4	14.6	14.6	14.6	13.5	15	15	15	15	B	KALUS
5	12.9	13.2	13.8	13.1	13.5	13.5	13.5	12.5	12.5	12.5	C	KALUS
6	12.7	11.5	12.3	12	12.5	12	12	13	13	13	B	KALUS
7	10	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
8	11.5	9.5	10.3	10.3	10.3	10.3	10.3	10.3	10.3	0	E	MATI
9	13	12	12	12	12.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
10	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
11	12.7	12.8	13	13.1	13.3	13.3	13.3	13.3	13.3	13.3	B	KALUS
12	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
13	13	12.5	12.5	12.2	12.5	12.5	12.5	11	11	11	C	KALUS
14	12.4	12.5	12.5	12.5	12.5	12	12	12	12	12	C	KALUS
15	12.8	13.4	13	13	13	13	13	13	13	13	B	KALUS
16	11.4	11.1	11.1	10	10.5	10.5	10.5	10.5	10.5	0	E	MATI
17	11.1	11.2	11.2	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
18	11	11.5	11.5	11.2	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
19	11.5	11.5	11.5	10	10.3	10.5	10.5	10.5	10.5	10.5	C	BERAKAR
20	10.9	11	11.3	11.3	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
21	11.8	12	11.3	11.3	10.3	10.3	10.3	10.3	10.3	0	E	MATI
22	12.4	12.5	12	12	12	12	12	12	12	12	C	KALUS
23	10.6	9.6	10	10	11.5	11.5	14	15.5	17	18	A	BERAKAR
24	11.6	11.9	12.3	12	11	11	11	11	11	11	C	KALUS
25	13.5	14	14	14	14.5	14.5	14.5	14.5	14.5	15	B	KALUS
26	11.4	11.4	11.4	11.4	11.5	10.5	10.5	10.5	10.5	0	E	MATI
27	11.9	12.1	12.1	12	12	12	12	12	12	12	C	KALUS
28	12.5	12.4	11.3	11.3	11.5	11	11	11	11	11	C	KALUS
29	12	12	12.2	12.2	12.5	11.5	12	12	12	12	C	KALUS
30	13	13.3	13.5	13.5	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
31	13.5	13.2	13.7	13.7	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
32	11.5	10.2	10.2	10.3	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
33	11.4	10.8	9.4	10.7	11	11	11	11	11	11	C	KALUS
34	13.4	14.5	16.3	16.9	19	19.5	20.5	22	23.5	24.5	A	BERAKAR
35	12.6	13	13	13	13	13	13	13	13	13	B	KALUS
36	13.3	14	14	13.5	14	13.5	13.5	13.5	13.5	13.5	B	KALUS
37	11.5	11.8	12	13	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
38	14.2	14	14.5	12.6	13	13	13	13	13	13	B	KALUS
39	12	12.5	14.3	14.3	16	17	17.5	19.5	20.5	22	A	BERAKAR
40	12.9	13.5	13.5	13.1	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
41	11.6	11.5	12	11.5	12	11.5	12	12	12	12	C	KALUS
42	12.5	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
43	12.5	12.9	13.2	12.5	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
44	9.8	10.5	10	9.2	9.2	8.5	8.5	8.5	8.5	8.5	C	KALUS
45	8.7	8.4	8.4	8.5	7.5	7.5	7.5	7.5	7.5	7.5	D	KALUS
46	10	10	10	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
47	10	10	10	9.6	9.6	10	10	9.5	9.5	9.5	C	KALUS
48	11	11	11	10.7	10.7	11	10.5	10.5	10.5	10.5	C	KALUS
49	11	10.8	11	10	10.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
50	13.1	13.5	13	13	11.5	11	11	11	11	11	C	KALUS
51	9.3	9.5	9.5	7	7.3	7.3	7.3	7.3	7.3	7.3	D	KALUS
52	12.5	13	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
53	11.3	11.5	12	11	12	11.5	11.5	11.5	11.5	11.5	C	KALUS
54	12.4	12.5	12.6	12.6	11.5	11.5	11.5	11.5	11.5	0	E	MATI
55	13	12.9	13.2	13.2	12	12	12	12	12	0	E	MATI
56	12	11.5	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	C	KALUS
57	13.4	13.5	13.5	13	13.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
58	11.6	11.7	11.7	11.7	12	9	9	9	9	9	C	KALUS
59	9.3	9.2	9.5	9.5	9	6	6	6	6	0	E	MATI
60	15.5	16	16.2	16.2	15	16	16	16	16	16	B	KALUS
61	13.6	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
62	11	10.5	10.5	10.5	10.5	11	11	11	11	11	C	KALUS
63	11.4	11	11	10.6	11	11	11	11	11	11	C	KALUS
64	10	11.1	11.5	10.3	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
65	13	13.5	13.5	13	13	13	13	13	13	0	E	MATI
66	10	11	10.5	9.6	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
67	11.2	11.5	12.5	11.8	13	14	15	17.5	18.5	19.5	A	BERAKAR
68	2.3	2	2.5	2.6	4.5	6.5	8	10.5	12.5	15	B	BERAKAR
69	11.3	11.5	11.5	11	11.3	10	10	10	10	10	C	KALUS
70	11.8	12	12.5	12.5	13	13	13	13	13	13	B	KALUS
71	12.5	13.5	13.8	13.8	13.5	12	12	12	12	0	E	MATI
72	11.8	12	12	11.6	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS

Kategori	Total
MATI	10
KALUS	56
BERAKAR	6

Grade	Total
A (Layak Kirim)	4
B	15
C	41
D	2
E (Mati)	10
Total	72

b. Data Pengamatan Sampel PIU2

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	11	10.5	10.8	11	11.5	11	11	11	11	11	C	KALUS
2	12.7	13	13.2	13.4	14	13.5	13.5	13.5	14.5	16	B	KALUS
3	12.3	12.5	12.8	12.8	12.8	12.5	12.5	12.5	11.5	11.5	C	KALUS
4	14.5	14	14	14.2	14.2	14.5	14.5	14.5	14.5	14.5	B	KALUS
5	10	10	10.5	8.5	9	9	9	9	9	9	C	KALUS
6	10.5	11	11	10.5	11	10.5	10.5	10.5	10.5	10.5	C	KALUS
7	11.8	11.5	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
8	12	12.5	12.5	12	12	12	12	12	12	12	C	KALUS
9	12.5	13	13.3	13.5	13.5	13	13	13	13	13	B	KALUS
10	13	12.5	12.5	12.5	12.5	12	11.5	11.5	11.5	11.5	C	KALUS
11	12	12	12.3	12.5	12.5	12.5	10.5	10.5	10.5	10.5	C	KALUS
12	12	12	13.7	15.5	16.2	17	18	19	21.5	24	A	BERAKAR
13	11	11	11.3	11	11	11	11	11	10	10	C	KALUS
14	12.2	11.3	11.3	10.5	10	10.5	10.5	10.5	10.5	10.5	C	KALUS
15	12.7	12.7	13	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
16	11.2	11.2	11.7	12	12	11.5	9	9	9	9	C	KALUS
17	9.5	9.5	10	10	10	10	10	10	10	10	C	KALUS
18	12	11.7	12.1	11.5	13	13	13	13	13	13	B	KALUS
19	9.6	10	10.3	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
20	11.6	11.5	11.9	11.5	11.5	10.5	11.5	11.5	11.5	11.5	C	KALUS
21	14.1	12	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
22	13.5	14.8	14.7	14.5	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
23	10.5	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
24	12.5	12.4	12.4	12	12	12	12	12	12	12	C	KALUS
25	12.9	13.5	13.5	13.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
26	15.7	14.4	16.5	17.7	18.8	19.5	20.5	21	23	26.5	A	BERAKAR
27	9	9.5	9.8	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
28	18	19	21.6	22	23.5	24	24.5	25.5	27	27.5	A	BERAKAR
29	12.6	12.8	13	13	13	13	13	13	13	13	B	KALUS
30	10.6	9.8	11	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
31	12	12	12.5	12.8	12.8	12	12	12	12	12	C	KALUS
32	9.9	9.5	9.5	9.1	9.5	9.5	9.5	9.5	9	9	C	KALUS
33	13	13.4	14.2	14	14	14	14	14	14	14.5	B	KALUS
34	12.4	12.6	12.6	11.5	12.5	12.5	12.5	12.5	0	0	E	MATI
35	11.5	10.4	11.5	10.5	11	11	11	11	11	11	C	KALUS
36	13	13	13.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
37	11.5	10.5	9.6	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
38	10.8	11	11	11	11	11	11	11	11	11	C	KALUS
39	11.5	12.3	12.5	12	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
40	11	10.5	10.1	9.5	9.5	9.5	9.5	9.5	9.5	0	E	MATI
41	13.1	14	16.8	18	20.5	21	22.5	24	26	28	A	BERAKAR
42	9.6	10	10	10	10	10	9	9	9	9	C	KALUS
43	15.2	15	15	15	15	15	15	13.5	13	13	B	KALUS
44	12.1	12	12	12	12.5	12	12	12	12	12	C	KALUS
45	10.8	11.3	11.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	C	KALUS
46	11	12.6	12.3	11.8	12	12.5	12.5	12.5	12.5	12.5	C	KALUS
47	13.9	14.1	14.1	14.1	14.1	13	12	12	12	12	C	KALUS
48	10.3	10.1	10.1	10.5	10.5	9	9	9	9	9	C	KALUS
49	12.6	12.6	13	13	13	13	12.5	12.5	12.5	12.5	C	KALUS
50	8.5	0	0	0	0	0	0	0	0	0	E	MATI
51	13	12.5	12.5	12.5	12.5	12	12	0	0	0	E	MATI
52	11.6	11.8	11.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
53	10.5	10.5	10.9	10.5	9.5	9.5	9.5	9.5	0	0	E	MATI
54	12.2	11.5	12	11.7	12	12	12	12	12	12	C	KALUS
55	12.8	12.5	13	13.1	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
56	16	16.2	16.5	16.5	16.5	16.5	13.5	13.5	13.5	0	E	MATI
57	12.2	12.3	12.5	12	12	12.5	12.5	11.5	11.5	11.5	C	KALUS
58	8.8	8.8	8.8	8.5	8.5	8.5	8.5	8.5	0	0	E	MATI
59	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
60	10.6	10.5	10.7	10	10	10	10	10	10	0	E	MATI
61	11.3	11.4	11.4	11.7	11.7	11.7	11.7	11.7	11.7	11.7	C	KALUS
62	11.9	11.9	11.9	12	12	11.5	11.5	11.5	11.5	11.5	C	KALUS
63	10	10	10	10	10	10	10	10	10	0	E	MATI
64	12	12.6	12.6	12.5	12	12	11	11	11	11	C	KALUS
65	12	12.5	13	12.6	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
66	11.5	12	12	11.7	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
67	9.5	9.2	9.7	10	10.5	11.5	11.5	11.5	13	13	B	KALUS
68	12.9	15.5	18.4	20	21.5	22	23	23.5	23.5	23.5	A	BERAKAR
69	11.5	11.6	12	11	11	11.5	11.5	11.5	11.5	11.5	C	KALUS
70	10.5	10.5	10.5	10.5	2.5	3	3.5	3.5	3.5	4	D	KALUS
71	9.5	10.1	12	12.8	13.5	13.5	14	15	16.5	16.5	B	BERAKAR
72	14	14.3	14.5	14	14	13.5	13.5	13.5	13.5	13.5	B	KALUS

Kategori	Total
MATI	9
KALUS	57
BERAKAR	6

Grade	Total
A (Layak Kirim)	5
B	13
C	44
D	1
E (Mati)	9
Total	72

c. Data Pengamatan Sampel PIU3

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	11	10.8	11	11	11	11	11	11	11	11	C	KALUS
2	11.5	11.2	11.5	11.3	11.5	11.5	10	10	10	10	C	KALUS
3	13.5	13.5	14	14	14	14	14	14	14	16	B	BERAKAR
4	10.6	11	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
5	11	11.4	11.5	11.2	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
6	11	0	0	0	0	0	0	0	0	0	E	MATI
7	12.3	11.6	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
8	14.2	14	14.4	13.9	14	14	14	14	14	14	B	KALUS
9	11	11	11.5	10.5	11	11	11	11	11	11	C	KALUS
10	10.9	10.8	11	9.5	9.5	9.5	9.5	9.5	9.5	0	E	MATI
11	12.8	13.2	13.4	13.2	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
12	14	13.5	13.5	14	14	14	14	14	14	14	B	KALUS
13	13	13.5	13.5	13	13	13	13	13	13	13	B	KALUS
14	7.5	8.3	8.3	8	8	8	8	8	8	0	E	MATI
15	12.3	11.7	11.7	12.5	12	12	12	12	12	12	C	KALUS
16	14.1	14.4	14.4	15.7	17	17.5	19	21.5	23	24.5	A	BERAKAR
17	10	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
18	11.2	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
19	11.8	12.3	12	11.7	12	12	12	12	12	12	C	KALUS
20	10	10.1	10.5	8.8	9	9	9	0	0	0	E	MATI
21	13.7	13.7	14	13.5	13.5	13.5	13.5	13.5	13.5	0	E	MATI
22	10.5	10.5	10.5	11	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
23	10	0.3	10.5	10	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
24	14.5	14.7	14.9	15	15	15	15	15	15	15	B	KALUS
25	15.6	15.5	16	15.5	14	14.5	14.5	14.5	14.5	0	E	MATI
26	12.4	13	15.5	16.5	17.5	19.5	20.5	21.5	23	25	A	BERAKAR
27	12	12	12	11.2	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
28	11.3	11.5	11.8	11.5	11.5	11.5	11	11	11	11	C	KALUS
29	11.5	11	10.5	11	11	11	11	11	11	11	C	KALUS
30	12	12.3	12.5	12.5	12	12	12	12	12	12	C	KALUS
31	12.7	12.3	13	13	13	13	13	13	13	13	B	KALUS
32	12.2	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
33	11	12.8	11.5	11.5	11	11	11	11	11	11	C	KALUS
34	12.8	12.5	12.5	12	11.5	11.5	11.5	9	9	0	E	MATI
35	13	13.5	13	13.5	13	13	13	13	13	0	E	MATI
36	11.3	11.5	12	11.5	11.5	11.5	11.5	10.5	10.5	10.5	C	KALUS
37	10.6	10.5	11	10	10.5	10.5	10	10	10	10	C	KALUS
38	13.5	13.5	13.9	13.5	13.8	13.8	13.8	13.8	13.8	0	E	MATI
39	12.1	12	13	12	12	12	12	12	0	0	E	MATI
40	10.8	10.5	11	10	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
41	11	12.4	15.5	16	18.5	19.5	21	22	24.5	25	A	BERAKAR
42	18.8	20	22.4	24.8	26.5	26.5	28.5	29	30.5	30.5	A	BERAKAR
43	11.9	11.3	10	10	10	10	10	10	10	10	C	KALUS
44	12.5	12.5	12.5	11.8	12	12	11.5	11.5	11.5	11.5	C	KALUS
45	11.5	12	12	11.5	11.5	11.5	11.5	11.5	11	11	C	KALUS
46	10.2	10.4	10.4	10.5	10	10	10	10	10	10	C	KALUS
47	11.3	11.8	12.1	12	12	12	12	12	12	12	C	KALUS
48	11.3	11.3	9.8	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
49	12	11.6	11.6	11	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
50	11.8	11.5	10.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
51	10	10.9	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
52	12	12.4	12.5	12	12	12.5	12.5	12.5	12.5	12.5	C	KALUS
53	11	10.8	11	11	10	10	10	10	10	10	C	KALUS
54	12.7	13	13	13	13	13	13	13	12	12	C	KALUS
55	12	12	11.7	11.5	11	11	11	10.5	10.5	10.5	C	KALUS
56	15.9	15.3	15.5	15	15.5	15.5	15.5	15.5	15.5	15.5	B	KALUS
57	10.5	9.4	9	8.4	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
58	12	12.3	12.5	13	13.2	13.5	14	14.5	15	15.5	B	BERAKAR
59	12.8	13	13	13	13	13	12.5	12.5	11.5	11.5	C	KALUS
60	11.9	12	12	12	12	12	12	12	11	11	C	KALUS
61	13.1	13.1	13.2	12.5	13	13	13	13	13	13	B	KALUS
62	15	14	13.6	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
63	12.3	11.9	12	10.5	11	11	11	11	11	0	E	MATI
64	12	12.3	12.3	12.3	12	12	12	12	12	12	C	KALUS
65	14	13.5	14.3	14.5	14.5	14.5	14.5	14.5	14.5	0	E	MATI
66	12.2	11.5	12.5	12	12	12	12	12	12	12	C	KALUS
67	13.4	13.4	13.6	13.6	13.6	12	12	12	12	12	C	KALUS
68	10.6	12.1	12.8	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
69	13.3	12.1	11.5	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
70	7.6	7.7	8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	D	KALUS
71	10	10	10	10	10	10	10	10	10	10	C	KALUS
72	10.3	10.1	10	10.2	10.5	9	9	9	9	9	C	KALUS

Kategori	Total
MATI	9
KALUS	57
BERAKAR	6

Grade	Total
A (Layak Kirim)	4
B	11
C	44
D	1
E (Mati)	12
Total	72

d. Data Pengamatan Sampel P2U1

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	1	10	0	0	0	0	0	0	0	0	0	MATI
2	2	10.9	11.2	12	11	10.5	11	10.5	10.5	10.5	10.5	KALUS
3	3	8.3	8.5	8.5	7	7	7	7	7	7	0	MATI
4	4	13	14.6	18	19.5	20.5	22	22.5	24	26	27.5	BERAKAR
5	5	16	16.5	18	19.5	21.5	23	23.5	26	27	29.5	BERAKAR
6	6	12	12	12	12.5	12	12	12	12	12	12	KALUS
7	7	10	10	10	9.8	10	10	10	10	10	10	KALUS
8	8	12	13.5	16	17.5	18.5	19	20.5	23	25	26	BERAKAR
9	9	14.8	15.5	18	19.5	21	23	23.5	24	25.5	27	BERAKAR
10	10	18.9	19.6	22	23	25	26	27	29	30.5	31.5	BERAKAR
11	11	11	11.5	14	15	16.5	16.5	19	21	22.5	25	BERAKAR
12	12	10.8	11	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	KALUS
13	13	8.4	8.3	8.3	8	8	8	8	8	0	0	MATI
14	14	11.5	12	13.5	14.8	16	17	17.5	21	23	25	BERAKAR
15	15	12.1	12.8	13	12.6	13	13	13	13	13	13	KALUS
16	16	0	0	0	0	0	0	0	0	0	0	MATI
17	17	11.5	10.5	11	11.5	12.1	12.1	12.1	12.1	12.1	12.1	KALUS
18	18	15.6	16.5	18	19	21	21.5	22	24	26	28	BERAKAR
19	19	13.3	13.5	14	14	13.5	13.5	14	14	14	14	KALUS
20	20	0	0	0	0	0	0	0	0	0	0	MATI
21	21	13.5	14.5	16.5	18	19	19.5	21	22	25	27	BERAKAR
22	22	14.1	14.5	16.7	18	19	19.5	22	25	26	28	BERAKAR
23	23	13.3	13	13	12.4	12.5	12.5	12.5	12.5	12.5	0	MATI
24	24	12.4	12	12	11.8	11.8	11.8	11	11.5	11.5	11.5	KALUS
25	25	9	9	9	9	9.5	9.5	10	10	10	10	KALUS
26	26	12.4	12	12	11	11	11	11	11	11	11	KALUS
27	27	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	KALUS
28	28	12.5	13	13	13.5	14	14	14	14	14	14	KALUS
29	29	11.8	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	KALUS
30	30	9.6	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	KALUS
31	31	10.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	0	0	MATI
32	32	8.4	8.5	9.5	9.4	8.3	8.3	8.3	8.3	8.3	8.3	KALUS
33	33	10.9	10.5	11.5	11	11	11	11	11	11	11	KALUS
34	34	8.9	8.5	8.5	0	0	0	0	0	0	0	MATI
35	35	8	0	0	0	0	0	0	0	0	0	MATI
36	36	10.8	11	10.5	10.5	11	11	11	11	11	11	KALUS
37	37	7.5	0	0	0	0	0	0	0	0	0	MATI
38	38	11.1	0	0	0	0	0	0	0	0	0	MATI
39	39	9.5	8.8	8.8	9	9	9	9	9	9	0	MATI
40	40	10	10.3	10.3	10.5	9.5	9.5	9.5	9.5	9.5	0	MATI
41	41	12.6	12.5	13	12.5	12.5	12.5	12.5	12.5	12.5	12.5	KALUS
42	42	12.1	14	16.5	17.5	19	19.5	21	23	24.5	27	BERAKAR
43	43	11.5	11.3	11.6	11.3	10	10	10	10	10	10	KALUS
44	44	10	10	10	9.5	10	10	10	10	10	10	KALUS
45	45	13.2	14.8	17	18.6	19	20	21.5	24.5	26	28.5	BERAKAR
46	46	12.6	13.2	14.5	16	17	17.5	19.5	22	23	25.5	BERAKAR
47	47	9.5	11	11	11	11	11	11	11	11	11	KALUS
48	48	9.6	10	9.5	9.5	0	0	0	0	0	0	MATI
49	49	10	10.5	10.5	10.4	10.5	10.5	10.5	10.5	10.5	10.5	KALUS
50	50	10	10.5	10.5	9.8	10	10	10	10	10	10	KALUS
51	51	8	0	0	0	0	0	0	0	0	0	MATI
52	52	13.3	13.5	13.8	14.4	14.5	14.5	14.5	14.5	15.5	16	KALUS
53	53	10.8	10.6	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	KALUS
54	54	13.3	14.5	17.5	18.7	20	20.5	22.5	24.5	27	29	BERAKAR
55	55	9.5	0	0	0	0	0	0	0	0	0	MATI
56	56	10.8	11	11	11	11	10	10	10	10	0	MATI
57	57	13.2	15.5	15.7	17	17	18.5	21	23.5	26.5	28	BERAKAR
58	58	9	9.3	9.3	9	9	9	9	9	9	9	KALUS
59	59	13.4	13.5	13.8	13.6	13.6	11.5	11.5	11.5	11.5	11.5	KALUS
60	60	11	11.6	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	KALUS
61	61	9.8	10	10	9	9	9	9	9	9	0	MATI
62	62	10	10.5	10.5	10.5	10.5	10.5	9.5	9.5	9.5	9.5	KALUS
63	63	10.2	10.5	10.5	10	10	10	10	10	10	10	KALUS
64	64	14.2	16.4	18	19.5	20	20.5	21	22.5	23.5	25	BERAKAR
65	65	12.5	12	12	12	12	11	11	11	0	0	MATI
66	66	11.4	11.5	11	10.5	11	11	11	11	11	11	KALUS
67	67	12	12.4	12.4	12	12	12	12	12	11.5	11.5	KALUS
68	68	7.7	0	0	0	0	0	0	0	0	0	MATI
69	69	9.4	10.1	11.3	12.8	13.5	14.5	17.5	20	22	24	BERAKAR
70	70	10	10.5	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	KALUS
71	71	8.4	8.7	8.7	8.5	8.5	8.5	8.5	8.5	9	9	KALUS
72	72	14	14.1	14.5	14	14	14.5	14.5	14.5	14.5	14.5	KALUS

Kategori	Total
MATI	20
KALUS	35
BERAKAR	17

Grade	Total
A (Layak Kirim)	17
B	5
C	30
D	0
E (Mati)	20
Total	72

e. Data Pengamatan Sampel P2U2

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	15.4	16	17.5	18	19.5	19.5	21	22	23	24	A	BERAKAR
2	12	13	13	13	12.8	13	13	13	13	13	B	KALUS
3	8.5	9.5	9.5	8	8	0	0	0	0	0	E	MATI
4	9.8	9	0	0	0	0	0	0	0	0	E	MATI
5	16	17.1	18.5	20	20.5	20.5	22	22.5	24	25.5	A	BERAKAR
6	16.2	17.2	19	19.5	21.1	22	23	23.5	25	25.5	A	BERAKAR
7	15.4	15.6	16.5	17	18	18.5	21	22	24.5	24.5	A	BERAKAR
8	10.2	10.9	11	12	13	13.5	15	15.5	16.5	17	B	BERAKAR
9	11.5	12.5	11.8	10.8	10.8	11	11	11	11	11	C	KALUS
10	12.8	14	14	14	14	14	14	14	14	14	B	KALUS
11	9.5	9.4	8.6	9.3	9.3	9.5	9.5	9.5	9.5	9.5	C	KALUS
12	10.4	11	11	11	11	11	11	11	10	10	C	KALUS
13	12.2	12	12.6	12.2	12.3	11.5	11.5	11.5	11.5	11.5	C	KALUS
14	8.8	8.5	8.5	8.5	8.7	9	9	9	9	0	E	MATI
15	11	12	12	11.5	11.5	12	12	12	12	12	C	KALUS
16	9.6	10.5	10.5	10	9	9	9	9	9	9	C	KALUS
17	11.5	13	13	12.5	12.3	12.5	12.5	12.5	11.5	11.5	C	KALUS
18	11.6	12.8	12.8	12	12.3	12.5	12.5	12.5	12.5	12.5	C	KALUS
19	10.6	11.4	11.8	11	11.5	11.5	11.5	11.5	10	10	C	KALUS
20	10.9	11	11.5	11.4	11.4	11.5	11.5	11.5	11	0	E	MATI
21	11	11.5	11.5	11.4	11.5	12	12	12	12	12	C	KALUS
22	12	11.6	12	11.5	11.3	12	12	12	12	12	C	KALUS
23	12	10.5	10.5	0	0	0	0	0	0	0	E	MATI
24	11.2	13	13.3	13	13.3	13.5	11.5	11.5	11.5	11.5	C	KALUS
25	12.4	13.5	13.5	13.5	14	13.5	13.5	13.5	12.5	0	E	MATI
26	12.4	13.1	14.5	15	16	17.5	18.5	21	22.5	23	A	BERAKAR
27	10	10	10.5	10	10	10	10	10	10	10	C	KALUS
28	11.1	11.5	11.5	12	12.3	12.3	12.3	12.3	12.3	12.3	C	KALUS
29	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
30	10.2	10.9	11	11	11	11	11	11	11	11	C	KALUS
31	15	15.3	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	B	KALUS
32	9.4	10	11.7	11.8	12.5	13	13	14.5	16	17	B	BERAKAR
33	13.4	14.3	13.5	14	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
34	9.4	9.3	9.3	7.5	7.5	7.5	7.5	0	0	0	E	MATI
35	11.4	11.5	11.5	11.2	11.5	10	10	10	10	10	C	KALUS
36	13	13	13.5	13.5	13.3	13.3	12.5	12.5	12.5	0	E	MATI
37	13	13.8	14.2	14.3	15	15	15.5	15	17	19.5	A	BERAKAR
38	10.4	10.2	10.5	10.2	10	8.5	8.5	8.5	8.5	8.5	C	KALUS
39	8.8	9	9	8.5	8.2	8.2	8.2	8.2	8.2	8.2	C	KALUS
40	11	11.4	11.4	11	11	11.5	11.5	11.5	11.5	11.5	C	KALUS
41	10.4	12	12	11.7	11.5	11.5	11.5	11.5	9	0	E	MATI
42	14.4	13	15.5	15.2	15.5	15.5	15.5	15.5	15.5	15.5	B	KALUS
43	10.3	10	10	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
44	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
45	7.7	7	0	0	0	0	0	0	0	0	E	MATI
46	8.9	9	9	8.5	9	9	9	9	9	9	C	KALUS
47	12.8	13	13	12.8	11	11.5	11.5	11.5	0	0	E	MATI
48	8.4	8.5	8.5	8.2	8	8	8	8	8	8	C	KALUS
49	11.2	11.5	11.7	11.3	11.5	11.5	11.5	11.5	10	11	C	KALUS
50	12	10	12.5	13	12.5	12.5	13	13	13.5	13.5	B	KALUS
51	9	9.4	9.4	9	9	0	0	0	0	0	E	MATI
52	8.5	8.8	8.8	8.4	8.2	8.2	8.5	8.5	8.5	0	E	MATI
53	14.2	14.5	15	14.5	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
54	10.5	11	9.5	8	8	0	0	0	0	0	E	MATI
55	10.4	10	11.2	11.2	10.8	10.8	10.8	10.8	10.8	10.8	C	KALUS
56	11	10.8	11.2	11.3	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
57	12.9	13.5	13.5	13.6	14	13.5	11.5	11.5	11	0	E	MATI
58	10.9	11.5	10.5	10.4	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
59	9.9	10.5	11.5	9.6	9.8	10	10	10	10	10	C	KALUS
60	11.2	12.6	15.4	16	18.1	18.5	20	22	24	26	A	BERAKAR
61	13.8	13.6	13.6	13.6	14	14	14	14	14	14	B	KALUS
62	13	13.5	14	13.7	13.5	11.5	12	12	12	12	C	KALUS
63	12.9	13	13	13	12.7	12	12	12	12	12	C	KALUS
64	12	12	12.1	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
65	14	14.5	14.1	14	14.2	14.2	13	13	13	0	E	MATI
66	9.4	7.5	7.5	7.4	7.5	7	7	7	7	7	D	KALUS
67	11	11.5	11.5	11	10.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
68	16.6	17.9	19	19.7	20.4	21.6	22.5	24.5	26	27	A	BERAKAR
69	12.6	13.7	12.5	12.3	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
70	9	8.2	8.5	8	8	8	8	8	8	8	C	KALUS
71	10.5	11	13.5	13.5	15	15.5	16.5	18.5	20.5	21	A	BERAKAR
72	10	10	9.5	9	9	9	9	9	9	9	C	KALUS

Kategori	Total
MATI	20
KALUS	35
BERAKAR	17

Grade	Total
A (Layak Kirim)	17
B	5
C	30
D	0
E (Mati)	20
Total	72

f. Data Pengamatan Sampel P2U3

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	12.2	12.3	12.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
2	14.4	14.6	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
3	12.5	0	0	0	0	0	0	0	0	0	E	MATI
4	12	12.5	13.5	14.5	16.5	17	18.5	20	23	25	A	BERAKAR
5	11.1	11.5	11.5	11.3	12	12	12	12	16	18	A	BERAKAR
6	18.5	18	20	20.5	21.5	22.5	24.5	25.5	27	29	A	BERAKAR
7	15	16	17	18.5	20	20.5	21.5	24	27	29	A	BERAKAR
8	12	13	13	12	11	11	11	11	11	11	C	KALUS
9	9.9	0	0	0	0	0	0	0	0	0	E	MATI
10	11	12	14	15	17.1	18	20.5	21.5	24.5	25	A	BERAKAR
11	16.5	16.5	18.5	20.5	21	22.5	23.5	25.5	27	29	A	BERAKAR
12	12.5	12.5	12.5	12.5	12.5	12.5	12	12	12	12	C	KALUS
13	11.6	12.5	11	11.3	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
14	14	13.5	13.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
15	15.1	15.4	17.8	19	19.5	20	21	24	26	27.5	A	BERAKAR
16	12.7	13	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
17	10.5	10.4	0	0	0	0	0	0	0	0	E	MATI
18	12.5	12.3	12.3	13	13	13	13	13	13	13	B	KALUS
19	12	12.5	13	14	14.5	15.5	15.5	15.5	17	17	B	KALUS
20	12.2	12.4	14.5	15	16	16.5	18	21.5	25	27	A	BERAKAR
21	11.8	12.4	15	15.5	16.5	17	19	22	24	27.5	A	BERAKAR
22	11	0	0	0	0	0	0	0	0	0	E	MATI
23	9.5	10.5	11	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
24	10.6	10.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
25	12.4	13.5	13	12.5	12.5	12.5	12.5	12.5	12.5	0	E	MATI
26	13.9	13	13.5	13.5	12	12	12	12	12	12	C	KALUS
27	12	10.5	10	9.5	10	10	10	10	10	10	C	KALUS
28	14.5	17	19.1	20.3	20.5	21.5	23	24.5	26.5	27.5	A	BERAKAR
29	11.9	14	14	13.8	14	14	14	14	14	14	B	KALUS
30	10.8	11.5	12	11.9	12	12	12	12	12	12	C	KALUS
31	10	10	9.1	9.3	9	9	9	9	9	9	C	KALUS
32	10.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
33	10	12	11.5	11	11.5	11.5	11.5	11.5	0	0	E	MATI
34	13.4	12.5	14.5	15.6	17.5	18	20	21	22	24.5	A	BERAKAR
35	16	17.5	20	22.5	23.2	24	25	26.5	28	29	A	BERAKAR
36	10.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
37	13.5	8.5	8.5	8.6	9	8.5	8.5	8.5	9.5	10	C	KALUS
38	11.4	12	13	14.5	15	16	18	19.5	21	24.5	A	BERAKAR
39	10	12.8	14	15	16.5	16.8	18.5	21.5	23	26	A	BERAKAR
40	11.3	10.9	10.9	10.7	11.3	11.3	11.3	11.3	11.3	11.3	C	KALUS
41	14.7	14.8	14.8	15	15	15	15	15	15	15	B	KALUS
42	10.7	11	11	9.8	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
43	10	9.5	10	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
44	9.8	7.8	8	9.5	7.5	7.5	7.5	7.5	0	0	E	MATI
45	9.5	9.7	9.5	9.4	9.4	9.4	9.4	9.4	9.4	0	E	MATI
46	11.3	11.3	11	11.5	11.5	11.5	11.5	11.5	12	13	B	KALUS
47	13.9	13	12.3	11.5	12	11.5	11.5	11.5	11.5	11.5	C	KALUS
48	8.5	9.5	12.5	12.3	14	14	15	16.5	18.5	19	A	BERAKAR
49	13.3	13	12.5	12	12	12	12	12	12	12	C	KALUS
50	8.9	9.8	9.4	10	10	10	10	10	10	10	C	KALUS
51	10.5	11	11	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
52	10.8	10.8	11	11	10	9	9	9	9	9	C	KALUS
53	9.2	9.5	9.4	9	9	9	9	9	9	9	C	KALUS
54	11.6	11.6	11.6	11.5	11	11	11	11	11	11	C	KALUS
55	18.3	19.2	21.7	23	24	25	25.5	27	27.5	29.5	A	BERAKAR
56	12	12	12	12	12	12	12	12	12	12	C	KALUS
57	11.3	11.5	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
58	11.1	10.5	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
59	0	0	0	0	0	0	0	0	0	0	E	MATI
60	12.7	13	15.5	16	18	18.5	20	22	24	25.5	A	BERAKAR
61	12	11.2	12.2	12	12	12	12	12	12	12	C	KALUS
62	8	9	9	8.5	9	9	9	9	9	9	C	KALUS
63	12.2	13	13	13	13	13	13	13	13	13	B	KALUS
64	11.2	11.4	11.4	11	11	11	11	11	11	11	C	KALUS
65	10.7	9.6	10	10	9	9	9	9	9	9	C	KALUS
66	12.2	11.9	11	10.8	11	11	11	11	11	0	E	MATI
67	11.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	0	E	MATI
68	10.4	10.3	10.6	10.6	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
69	12.3	12.9	12.3	12.3	12.3	12.3	12.3	12.3	12.3	0	E	MATI
70	13.3	13.3	14.5	15.5	16.5	17.5	18.5	20	23	25	A	BERAKAR
71	12	12.4	12.4	12	12	12	12	10	10	10	C	KALUS
72	10	10.5	10.5	10.3	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS

Kategori	Total
MATI	12
KALUS	42
BERAKAR	18

Grade	Total
A (Layak Kirim)	18
B	8
C	34
D	0
E (Mati)	12
Total	72

g. Data Pengamatan Sampel P3U1

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	13	13.1	15	16.5	18	19	19	19	20.5	22	A	BERAKAR
2	11.5	10.5	10.6	10.6	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
3	9.2	10	12	13	14	14.5	17	18	20.5	24	A	BERAKAR
4	11.4	12.9	13.2	13	13.5	13.5	13	13	13	13	B	KALUS
5	15.2	16.2	17.5	17.9	18.5	19	20	20.5	22.5	26	A	BERAKAR
6	14	14	15.4	16	17.5	18	19	20.5	23	26.5	A	BERAKAR
7	14.3	15.5	17.3	19.5	20.5	21.5	21.5	23	26	26.5	A	BERAKAR
8	13.5	0	0	0	0	0	0	0	0	0	E	MATI
9	14.5	15.5	18.1	19.6	21	22.5	23	23.5	26	26.5	A	BERAKAR
10	12.5	12	11	10.6	10.5	10.5	10.5	10.5	0	0	E	MATI
11	11	11.8	14	15.5	16.3	17.5	18	19.5	22	24.5	A	BERAKAR
12	11.3	11.5	12	12	11.7	11.7	12	12	16.5	19	A	BERAKAR
13	14	14.4	14.8	13	13	13	13	13	13	13	B	KALUS
14	14	15	17.8	19.1	20	21	21.5	23.5	26	28	A	BERAKAR
15	12	13.3	14.8	15.4	17	18.5	19	20.5	23	27	A	BERAKAR
16	11.2	11.5	11.8	11.6	12	10	10	10	10	10	C	KALUS
17	10.4	10.1	10.5	10.3	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
18	14.4	13.6	15.6	16.5	18	19.5	20	21.5	23.5	25.5	A	BERAKAR
19	14	14.4	16.1	16.5	18	19.5	20.5	22	24.5	28.5	A	BERAKAR
20	12.3	12.9	13	13	12.5	12.8	12.8	12.8	12.8	12.8	C	KALUS
21	12.5	13.3	14	13.5	13.5	14	14	14	14	14	B	KALUS
22	11.9	13.5	14.5	15.2	16	17.5	19.5	22	25.5	30	A	BERAKAR
23	11.7	11.5	12.4	12.4	12	10.7	10	10	10	10	C	KALUS
24	11.8	12.4	11.2	11.2	11	11	11	11	11	11	C	KALUS
25	9	0	0	0	0	0	0	0	0	0	E	MATI
26	8.5	8.6	8.6	8.5	8.5	8.5	8.5	2	2	0	E	MATI
27	14.5	15.4	16.6	17.3	18	19	20.5	22	24	27.5	A	BERAKAR
28	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	0	E	MATI
29	9.6	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
30	11.1	11.5	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
31	13	13.5	13	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
32	12.6	13	13.3	13	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
33	10	10.3	10.3	9.2	9.2	9.5	9.5	9.5	9.5	9.5	C	KALUS
34	11.5	11	11	11	11	11	11	11	11	11	C	KALUS
35	13	12.5	12	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
36	12.4	13	13.3	13.4	14	13.5	13.5	13.5	13.5	13.5	B	KALUS
37	12	14.3	16.5	19	21.4	22	23	22	23.5	25.5	A	BERAKAR
38	17	17.2	19.5	20.5	21.5	22.5	23.5	24.5	26.5	27.5	A	BERAKAR
39	14.6	15	15	14.5	14.5	14.8	14.8	14.8	14.8	14.8	B	KALUS
40	12	16.3	18	19.2	20	21	22	23.5	25	27.5	A	BERAKAR
41	6	6.4	6.5	6.3	6.5	6.5	6.5	6.5	6.5	6.5	D	KALUS
42	12.4	12.5	13	14	16	16	18	19.5	22	24	A	BERAKAR
43	12.4	12.5	12.8	12.1	12.5	12	12	12	12	12	C	KALUS
44	11.2	11.8	12.4	12.9	13.5	13.5	14.5	15.5	16	16	B	KALUS
45	11	11.5	11.5	11.5	9.5	9.5	9.5	9.5	10	10	C	KALUS
46	14.1	14.3	14.6	14.6	14.6	14.6	14.6	13	13	13	B	KALUS
47	9.6	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
48	12	11.6	12	11.3	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
49	13.3	15	16.6	17.5	19.5	20	21	23	25.5	28.5	A	BERAKAR
50	11.2	11.5	10.5	10	10.5	10.5	10.5	10.5	10.5	0	E	MATI
51	10.1	0	0	0	0	0	0	0	0	0	E	MATI
52	8.1	8.8	8.3	8.5	8.5	8.5	8.5	8.5	8.5	0	E	MATI
53	11	12.5	15	15.5	17	17.5	19.5	20	22	25.5	A	BERAKAR
54	14.2	12.5	12.5	12	12	11	11	11	11	11	C	KALUS
55	0	0	0	0	0	0	0	0	0	0	E	MATI
56	12	12.1	12	12	12	11	11	11	11	11	C	KALUS
57	11.6	11.6	11.9	11.9	12	12	12	12	12	12	C	KALUS
58	10.9	11	12	11.5	12.5	12	12	12	13	13	B	KALUS
59	13.6	14	15.8	17.4	19	19.5	20	21	25	28.5	A	BERAKAR
60	9.5	10	10.5	10	10	10	10	10	10	10	C	KALUS
61	11.6	12	12	12.1	12.1	11	11	11	11	0	E	MATI
62	12.4	14	16.2	17.5	18	19.5	20	21.5	24.5	27.5	A	BERAKAR
63	8.5	8.6	9	9	8.5	9	9	9	9	9	C	KALUS
64	12	12.1	12.7	12.7	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
65	8.3	0	0	0	0	0	0	0	0	0	E	MATI
66	12.5	13	12	11.8	11.8	9.5	9.5	0	0	0	E	MATI
67	12.4	11.4	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
68	14.9	15.5	18	19.5	20.5	22	23	25	27.5	30	A	BERAKAR
69	10.5	10.9	10.9	0	0	0	0	0	0	0	E	MATI
70	12.3	13	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
71	10.4	11	10.7	10.7	10.7	10.7	10.7	10.7	10.7	0	E	MATI
72	15.5	15.8	17.6	19.5	20	20.5	21	22	24	25	A	BERAKAR

Kategori	Total
MATI	14
KALUS	34
BERAKAR	24

Grade	Total
A (Layak Kirim)	24
B	10
C	23
D	1
E (Mati)	14
Total	72

h. Data Pengamatan Sampel P3U2

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	14.5	15	15.3	15	15	15	15	15.5	15.5	15.5	B	KALUS
2	12.3	12.6	12.6	10	9.2	5	5	5	5	0	E	MATI
3	12.3	12	11.5	11.2	11	11.5	11.5	11.5	11.5	11.5	C	KALUS
4	11.2	11.5	11.5	11.5	11.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
5	12	13	13	12.4	12.5	12	11.5	11.5	11.5	11.5	C	KALUS
6	10.5	11	11	11.3	11.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
7	15	16.1	17.5	17.8	18.8	19	20	21.5	23.5	24.5	A	BERAKAR
8	9	10	8.5	8	8	8	0	0	0	0	E	MATI
9	14.5	15	17.5	18.2	20.2	22	23.5	23.5	26	27.5	A	BERAKAR
10	9.4	9.5	9.5	9	9.2	9	9	9	9	9	C	KALUS
11	9	9.5	9.5	9	9	9	9	9	9	0	E	MATI
12	16.8	17.5	19	19.5	21.5	22	23	24	26	27	A	BERAKAR
13	10	10.6	10.4	10.3	10.5	11	11.5	11.5	14	16	B	BERAKAR
14	12.6	12.7	13.3	12.9	13	13	12.5	12.5	12.5	0	E	MATI
15	11.4	11	11.4	11.3	11.5	11.5	11.5	11.5	11.5	0	E	MATI
16	12.3	12.8	12.8	12.6	12.9	13	13	13	13	13	B	KALUS
17	8.7	8.3	8.3	8	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
18	12	13	13	13	13	13	13	13	13	13	B	KALUS
19	9.3	10	0	0	0	0	0	0	0	0	E	MATI
20	13	13.4	13.4	13	13	13	13	13	13	13	B	KALUS
21	8	8.5	9.2	10	11.5	12	13	14.5	16.5	18	A	BERAKAR
22	10	0	0	0	0	0	0	0	0	0	E	MATI
23	11.4	11	11	11	11.2	11.5	10	10	10	10	C	KALUS
24	10.1	9.5	9.5	8.7	8	8	0	0	0	0	E	MATI
25	16	17.8	19	19.5	21	22	23.5	23.5	26.5	27	A	BERAKAR
26	8	8.1	8.5	8.4	8.7	9	9	9	9	9	C	KALUS
27	12	12.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	C	KALUS
28	11.9	11.5	11.5	11.3	11.5	12	12	12	12	12	C	KALUS
29	11.9	10.8	11	10.8	11	10	10	10	10	10	C	KALUS
30	12.5	14.2	16.3	17.6	18.7	20	20.5	22	24	25.5	A	BERAKAR
31	12.5	10.8	11	11	10.8	11	11	11	11	11	C	KALUS
32	7.3	7.5	7.5	7.6	7.6	5.5	5.5	5.5	5.5	5.5	D	KALUS
33	12.5	13	13.5	13.5	13.5	13.5	13.5	13.5	14	14	B	KALUS
34	0	0	0	0	0	0	0	0	0	0	E	MATI
35	15	16	18.4	19	19.6	20.5	21.5	22	24	25.5	A	BERAKAR
36	10.5	11.4	11.4	11	11	10.5	11	11	11	11	C	KALUS
37	14	11	14.6	14	14	14.5	14.5	14.5	14.5	14.5	B	KALUS
38	10	10.5	11.3	11.3	11.5	12	11.5	11.5	11.5	11.5	C	KALUS
39	11.5	11.9	11.5	11.5	12	11.5	11.5	11.5	11.5	11.5	C	KALUS
40	13	13.5	13.4	13.7	12.8	13	13	13	13	13	B	KALUS
41	13.8	10	10	9.1	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
42	12.4	14	15	15.4	16	16	16	16	16	16	B	KALUS
43	15.3	16.4	18.5	19.5	21.5	22	23	24	25	26	A	BERAKAR
44	13	14	16	17.2	18.5	20.5	21	23	25	26	A	BERAKAR
45	12.1	12.7	12.7	12.4	12.5	12	12	12	12	0	E	MATI
46	13.5	15	16	16.6	17.8	19	20	21.5	23	25.5	A	BERAKAR
47	12	12	12.2	12.3	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
48	8	8	8	8	8	8	8	8	8	0	E	MATI
49	13.5	14	14	13.7	14.3	13.5	13.5	13.5	13.5	13.5	B	KALUS
50	13.3	12.5	13	13	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
51	12.5	12	12	12	11.8	11.8	11.8	11.8	11.8	11.8	C	KALUS
52	12.8	13.3	13.3	14	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
53	14	15.5	17.3	18.3	20	21	22	23	25	26.5	A	BERAKAR
54	12.5	0	0	0	0	0	0	0	0	0	E	MATI
55	12	12	10.3	11	11	11	11	11	11	11	C	KALUS
56	13.3	14.4	15.5	16	17	18.5	20	22	23	23.5	A	BERAKAR
57	11	11	11	10	10.5	10.5	10.5	10.5	11	11	C	KALUS
58	13.6	13	13.8	13.6	14	14	14	14	14	14	B	KALUS
59	11.5	11	11	10.4	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
60	11	11.5	11	10.5	11	11	11	11	11	11	C	KALUS
61	11.5	11	11.5	11.3	11	11	11	11	11	11	C	KALUS
62	9.2	9.9	10	10	10.2	10.2	10.2	10.2	10.2	10.2	C	KALUS
63	9.5	9.7	8.9	8.5	9	9	9	9	9	9	C	KALUS
64	9.2	9.7	9.5	9.5	9.5	0	0	0	0	0	E	MATI
65	14	14.8	14.5	14.8	15	14.5	14.5	14.5	14.5	14.5	B	KALUS
66	9.4	9	9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
67	11.4	12.5	12.5	12.9	12	12	12	12	12	12	C	KALUS
68	12.9	13.5	13.5	13.5	13.5	14	14	14	14	0	E	MATI
69	10	10.6	10.6	10	10	10	10	10	10	10	C	KALUS
70	14.6	15.5	18.5	18.5	20.2	21	22.5	23.5	26	27.5	A	BERAKAR
71	9	9.2	8.6	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
72	10.1	12.6	13.5	14.5	14.5	14.5	15.5	17	18	19.5	A	BERAKAR

Kategori	Total
MATI	14
KALUS	43
BERAKAR	15

Grade	Total
A (Layak Kirim)	14
B	14
C	29
D	1
E (Mati)	14
Total	72

i. **Data Pengamatan Sampel P3U3**

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	13.5	14	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
2	16.7	18.6	19.7	20.1	21.5	22.5	23	24	26.5	28	A	BERAKAR
3	12	10	9.5	9.5	9	9	9	9	9	0	E	MATI
4	10.5	0	0	0	0	0	0	0	0	0	E	MATI
5	11	11.2	10.8	10.8	10.8	10.4	10.4	10.4	11	11	C	KALUS
6	12	12	12	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
7	10.5	0	0	0	0	0	0	0	0	0	E	MATI
8	9.5	9.5	9.5	9	9	0	0	0	0	0	E	MATI
9	16	16	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	B	KALUS
10	10	10	10.3	10	10	10	0	0	0	0	E	MATI
11	13.9	14	14.5	14.3	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
12	11.2	11.5	10.8	10.8	10	10	10	10	10	10	C	KALUS
13	12.5	12	14	16	17	18	19.5	21.5	24	28	A	BERAKAR
14	15	16.6	18	19	20	21	22.5	23.5	26	28	A	BERAKAR
15	12	13	13	13.5	14	14	15.5	18	19.5	21.5	A	BERAKAR
16	13	13.7	15.3	15.5	16	16.5	18	19.5	20.5	22	A	BERAKAR
17	12.8	13.3	14.5	15.5	15.5	18.5	20	22.5	24	27	A	BERAKAR
18	0	0	0	0	0	0	0	0	0	0	E	MATI
19	11.4	11.5	11.8	12	12	12	12	12	12	12	C	KALUS
20	14	14.5	16	17	17.5	18.5	19.5	21.5	24	26.5	A	BERAKAR
21	13.9	13.5	14	14	14	14	13	13	13	13	B	KALUS
22	14.6	15.3	18.1	19	19	20	22	24	26	27.5	A	BERAKAR
23	10.7	11.2	13.6	14	16	17	18.5	21.5	24	26	A	BERAKAR
24	12.1	12.5	11.2	11.2	11.2	11.2	11.2	11.2	11.2	0	E	MATI
25	8.6	9	9	7.8	7.8	7.8	7.8	7.8	7.8	7.8	D	KALUS
26	8.4	9.4	9.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
27	14	15	17.5	18	19	21	22	24	26	29	A	BERAKAR
28	9	7.5	8	7.3	7.5	7.5	7.5	7.5	7.5	7.5	D	KALUS
29	12.5	12.5	12.7	12.7	12.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
30	9.8	10.5	10.5	10.7	10	10.5	10.5	10.5	0	0	E	MATI
31	9.4	10	10.5	10	10	10	10	10	10	10	C	KALUS
32	8.8	9	9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
33	12	15	17.1	19	19.5	21	22	23.5	25	27	A	BERAKAR
34	12	12.5	12.5	12.5	11	11	11	11	11	11	C	KALUS
35	9.4	9.8	11.6	12.5	13.5	14.5	16.5	16.5	21.5	25.5	A	BERAKAR
36	13.6	14.8	15.3	15.5	16.5	18	20.5	23	25.5	29	A	BERAKAR
37	14.5	15.6	17.6	20.1	21.5	23	25	27	27.5	29.5	A	BERAKAR
38	9.5	9.5	10	9.5	9	9	9	9	9	9	C	KALUS
39	14.8	15.8	17	17	18	18.5	20	23	24	26	A	BERAKAR
40	11	12	13.1	11.5	12	12	12	12	12	12	C	KALUS
41	12.8	13.6	15.5	17	18	18.5	20	21	23	26.5	A	BERAKAR
42	9	9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
43	15.1	16.4	17.5	19.5	20.6	22	23.5	25	25.5	31	A	BERAKAR
44	12.8	13.2	14	14.5	14	14	14	14	14	14	B	KALUS
45	16	17.3	18.5	20	20.6	21.5	24	26	27.5	30.5	A	BERAKAR
46	13	13.3	13.3	13	13	13	13	13	13	13	B	KALUS
47	11	11	11.5	11	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
48	9.5	7.5	0	0	0	0	0	0	0	0	E	MATI
49	10.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10	C	KALUS
50	12	12.5	13.5	14	15	16.5	18	20.5	23.5	27	A	BERAKAR
51	11.4	11.6	13	13	13.5	14	16.5	16.5	21	26	A	BERAKAR
52	15.5	17	18.9	19	20.5	21	22.5	24.5	26.5	31.5	A	BERAKAR
53	10.3	10.5	9.7	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
54	16	16	17.8	18	19.5	21	23	25	26.5	28.5	A	BERAKAR
55	0	0	0	0	0	0	0	0	0	0	E	MATI
56	16.5	16.8	18	18.5	19	20	21.5	22.5	24	25	A	BERAKAR
57	11.4	11.5	11.5	11	11	11	11	11	11	8	C	KALUS
58	13.3	15.5	17	17.5	18.5	21	22.5	24	25.5	30	A	BERAKAR
59	14	16.1	17	18	19.5	20.5	22	24.5	27	30.5	A	BERAKAR
60	10.5	10.4	10	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
61	12.5	12.5	13	13	12.5	12.5	12.5	12.5	12.5	0	E	MATI
62	9.9	10.3	10.3	10.3	10	9.5	9.5	9.5	9.5	9.5	C	KALUS
63	12.7	12.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
64	13	13	13.3	13.3	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
65	11	9.5	9.3	9.3	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
66	17.5	18	19.3	19.5	20.5	22	23	24	26	26.5	A	BERAKAR
67	11.5	12.5	14.3	14.4	15.5	17.5	19	21.5	25	27	A	BERAKAR
68	17.4	18.3	19.8	19.8	20	20.5	22.5	24.5	25.5	27	A	BERAKAR
69	11	10.7	11	10.5	10.5	0	0	0	0	0	E	MATI
70	9	0	0	0	0	0	0	0	0	0	E	MATI
71	11.8	11	11	10	11	11	11	11	11	11	C	KALUS
72	10	6.2	6.7	6.7	6	6	6	6	6	0	E	MATI

Kategori	Total
MATI	14
KALUS	30
BERAKAR	28

Grade	Total
A (Layak Kirim)	28
B	6
C	22
D	2
E (Mati)	14
Total	72

j. Data Pengamatan Sampel P4U1

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	0	0	0	0	0	0	0	0	0	0	E	MATI
2	10	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
3	9.5	10.5	10.5	10	10.5	10.5	10.5	10.5	10.5	0	E	MATI
4	12.5	12.5	12.5	12.5	12	12.5	12.5	12.5	12.5	12.5	C	KALUS
5	13	14.5	14	14	14	14	14	14	17	19	A	BERAKAR
6	8.3	9.4	9.4	8.7	9	9	9	9	9	9	C	KALUS
7	11.8	11.1	10.7	10.7	11	11	11	11	11	11	C	KALUS
8	15	15	13.5	13.5	13.5	13.5	13.5	13.5	13.5	0	E	MATI
9	9.8	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
10	12.2	12.5	13.4	12.5	13	13	13	13	13	13	B	KALUS
11	12.2	12.5	12.5	12.5	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
12	12	12.5	12.2	12.2	12.2	12	12	12	12	12	C	KALUS
13	13.6	16	17.2	17.4	18.5	20	21	22.5	23.5	25	A	BERAKAR
14	11.7	12	12.6	12.6	12.8	13	13	13	13	13	B	KALUS
15	10.7	10.3	10.5	10.5	10	10	10	10	10	10	C	KALUS
16	11.3	11	11	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
17	12.6	13	12	12	11.8	12	12	12	12	12	C	KALUS
18	10.4	10.5	11	10.8	11	11	11	11	11	11	C	KALUS
19	15.4	16.5	18	18.5	20.5	21.5	22.5	24	27	30	A	BERAKAR
20	12.2	13.5	15	15	17	18	19.5	21	24.5	26	A	BERAKAR
21	10.1	10.5	10.5	10.5	10.5	10.5	10.5	0	0	0	E	MATI
22	9	0	0	0	0	0	0	0	0	0	E	MATI
23	10	0	0	0	0	0	0	0	0	0	E	MATI
24	12.5	12.3	12.3	12	12	12	11	11	11	11	C	KALUS
25	10	10.2	10.2	10.2	10.2	10.5	10.5	10.5	9	9	C	KALUS
26	15.4	15.6	15.6	15.6	15.6	13.5	13.5	13.5	13.5	13.5	B	KALUS
27	14.4	14.4	13.5	13	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
28	7.8	8	8.3	8.5	8.2	8.2	8.2	8.2	8.2	8.2	C	KALUS
29	10.5	10.5	10	10	10	10	10	10	10	0	E	MATI
30	10	10.5	10	10	10	10	10	0	0	0	E	MATI
31	9.6	8.6	8.6	8.6	8	8	8	8	8	8	C	KALUS
32	9.8	9.5	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
33	9.5	9.3	9.3	9	9	9	9	9	9	9	C	KALUS
34	8	8	8	8	8.5	8.5	8.5	8.5	10	11	C	KALUS
35	12.3	12	12.3	11.3	12	12	12	12	12	12	C	KALUS
36	15.5	15	16.5	16.5	18	19	20.5	22	24.5	26.5	A	BERAKAR
37	12	12	12	12	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
38	13	14	14.5	15.5	16.3	17	18	19.5	22.5	25	A	BERAKAR
39	8.8	9	10	10.7	12	13	15	16	18.5	20.5	A	BERAKAR
40	14.3	14	15	14.8	15	14.5	14.5	14.5	14.5	14.5	B	KALUS
41	13.4	14.8	16.3	16.8	18.5	19.5	20	21	23	26.5	A	BERAKAR
42	10	10	10	10	9.5	10	10	10	10	10	C	KALUS
43	8.7	0	0	0	0	0	0	0	0	0	E	MATI
44	17.3	18.4	20.4	21.1	23	23.5	25	27	29	30.5	A	BERAKAR
45	13.5	13	12.3	12.6	13	13	13	13	13	13	B	KALUS
46	13.5	13.5	13.5	13.8	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
47	12.5	12.5	12.5	12.1	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
48	9.4	8.9	8	8	7	7	7	7	7	0	E	MATI
49	11.5	11.5	12	12.5	12.5	12	12	12	12	12	C	KALUS
50	10.4	10.4	10.5	10.5	11	11	11	11	11	11	C	KALUS
51	15.7	16.2	18.3	20	22	22.5	23.5	25	27	31	A	BERAKAR
52	9.7	0	0	0	0	0	0	0	0	0	E	MATI
53	11.6	12	12.2	12.2	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
54	11.2	11.5	12	12	12	12	12	12	12	12	C	KALUS
55	10.5	12	13.5	13	14.8	15	17	18	20.5	23.5	A	BERAKAR
56	10.1	10	10	9.5	9.8	10	10	10	10	10	C	KALUS
57	8.6	8	8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	D	KALUS
58	11.8	12.2	12	9	10	10	10	10	10	10	C	KALUS
59	13.6	15.5	18	19.5	22	22.5	23.5	25	27.5	30	A	BERAKAR
60	11	10.4	11.5	12.4	14.3	16	18	20	21.5	23	A	BERAKAR
61	8	8	8	8	8	8	8	8	7.5	7.5	D	KALUS
62	13	15.3	16.5	17	18	18	19	20.5	22.5	25	A	BERAKAR
63	0	0	0	0	0	0	0	0	0	0	E	MATI
64	16.6	18	19	19.9	20	20.5	21	22	23.5	25	A	BERAKAR
65	10.4	10.5	9.5	9.5	9	9.5	9.5	9.5	9.5	9.5	C	KALUS
66	14.4	14.5	16	16.2	17.5	19.5	21	22	24	25.5	A	BERAKAR
67	14	14.5	15	14.5	14	14	14	14.5	14.5	14.5	B	KALUS
68	13.4	13	13	13	13	13	13	13	13	13	B	KALUS
69	12.2	13	13	12	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
70	12.6	13.4	11.8	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
71	9.4	10	10.2	9.5	10	10	10	10	10	10	C	KALUS
72	14	15	16	17	17.5	18.5	19	20	22.5	23.5	A	BERAKAR

Kategori	Total
MATI	12
KALUS	43
BERAKAR	17

Grade	Total
A (Layak Kirim)	17
B	9
C	32
D	2
E (Mati)	12
Total	72

k. Data Pengamatan Sampel P4U2

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	13	13.5	13.5	13.5	13	13	13	13	13	12	C	KALUS
2	8.7	9	9.4	9.4	9.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
3	12.5	12.5	12.5	12	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
4	11	0	0	0	0	0	0	0	0	0	E	MATI
5	11.5	12	12.5	12.8	12.8	12	12	12	12	12	C	KALUS
6	9.5	10	10	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
7	14	15.5	17.5	19	19.5	20.5	21.5	23	26.5	28	A	BERAKAR
8	13	13.5	14.4	15	16.5	17	19	20.5	22	24	A	BERAKAR
9	11.5	13.5	15	16	17	18	18.5	20	21.5	22.5	A	BERAKAR
10	11.4	14.2	14.2	16	17.5	18.5	20	21.5	24.5	27.5	A	BERAKAR
11	13	13.5	16	17	18.5	18.5	19.5	22	24	26	A	BERAKAR
12	13	13.6	14	13.5	14	14	11.5	11.5	11.5	11	C	KALUS
13	13.5	14.6	16.4	17.5	18	19	21	23	25	27	A	BERAKAR
14	0	0	0	0	0	0	0	0	0	0	E	MATI
15	13.8	14	14	14	14	14	12.5	12.5	12.5	12.5	C	KALUS
16	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
17	0	0	0	0	0	0	0	0	0	0	E	MATI
18	10.2	10	10	10.5	10	10	10	10	10	10	C	KALUS
19	9.8	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
20	9	9	9	8.5	7	7	0	0	0	0	E	MATI
21	9.4	9.5	9.5	9.5	9.5	9.5	0	0	0	0	E	MATI
22	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
23	10	10.5	10.5	10	10	10	9.5	9.5	9.5	9.5	C	KALUS
24	9	8.8	10.5	12	13.5	14	15.5	17.5	19	20.5	A	BERAKAR
25	14.3	15.5	17.5	18	20.5	21	23	23.5	25.5	28	A	BERAKAR
26	9.5	9.8	10	10	9.5	9.5	9.5	9.5	11	13.5	B	BERAKAR
27	10	10.5	10.5	10	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
28	16.4	17	17.5	17.5	17	17	16	16	16	16	B	KALUS
29	11	0	0	0	0	0	0	0	0	0	E	MATI
30	9.8	0	0	0	0	0	0	0	0	0	E	MATI
31	11	10.9	11	11	11	11	10.5	10.5	10.5	10.5	C	KALUS
32	10	10.4	9.9	10	10	10	0	0	0	0	E	MATI
33	14	15.5	17.5	19	20	20.5	21.5	23	24	26.5	A	BERAKAR
34	11	11.5	11	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
35	8.4	9	9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
36	10	11	11	10.5	11	11	11	11	11	11	C	KALUS
37	12.5	13	15.4	16	17.2	18	20	21	23	25	A	BERAKAR
38	11.4	12	12.4	12	12	12	12	12	12	12	C	KALUS
39	12.5	12.5	12.5	12.5	12.5	12.5	11.5	12	12	12	C	KALUS
40	9.4	10	10	10	9.5	9.5	9	9	9	9	C	KALUS
41	12	12.2	12.2	12.5	12	12	11.5	11.5	11.5	11.5	C	KALUS
42	13	15	17.5	18.7	20.5	21.5	23.5	25.5	27.5	31	A	BERAKAR
43	10.8	11.5	11.5	12	11	11	11	11	11	11	C	KALUS
44	12	12	12.2	13	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
45	13	13	11	9.4	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
46	12.5	13	12.5	13	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
47	15.5	16.9	18.6	20	20.5	21	22.5	24.5	26.5	28.5	A	BERAKAR
48	11.8	12.5	15.5	17	19	20	20.5	23	26	27	A	BERAKAR
49	12.5	13	13	13	13	13	13	13	11	0	E	MATI
50	8.1	9	9	9	9	9	9	9	9	9	C	KALUS
51	15.5	16.5	18.5	20.5	21.5	23	24	26.5	29	30.5	A	BERAKAR
52	14	14.5	14.5	14.6	14.6	14.6	14.6	14.6	15	15	B	KALUS
53	10.5	10.5	10.5	10	10	10	10	10	10	10	C	KALUS
54	13	14.5	14.5	15	15	15	15	15	15	15	B	KALUS
55	10	10.5	10.5	11	12.5	12.5	13	13	13	13	B	KALUS
56	16.6	17.7	19.7	21	21.5	22	24	26.5	28	28.5	A	BERAKAR
57	9.6	9.5	9.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
58	11.8	10.6	11.6	11	11	11	11	0	0	0	E	MATI
59	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	D	KALUS
60	10.5	11	11	11	11.5	11.5	10	10	10	10	C	KALUS
61	9.8	10.9	10.9	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
62	17	18.8	20.5	22	24	24	25	26	27	27.5	A	BERAKAR
63	15	15.6	17.5	19.7	20	21	23	25	27	28.5	A	BERAKAR
64	10.7	11	11	11.4	11	11	11	9.5	9.5	0	E	MATI
65	9.5	9.5	9.5	9.5	9	9	8	8	8	8	C	KALUS
66	13	13	14.3	15.5	16	17.5	19.5	20	21	24	A	BERAKAR
67	15.6	15.8	19.2	20.5	22.5	22.8	24.5	26	27.5	30	A	BERAKAR
68	10.5	10.8	10.8	10.5	10.5	10.5	8.5	8.5	8.5	8.5	C	KALUS
69	11	11	11	10.8	10.8	10.8	10.8	10.8	10.8	10.8	C	KALUS
70	9.5	10.5	11.5	12.5	14	14	16	18	21	22.5	A	BERAKAR
71	14.5	15.6	17.5	18.5	19.5	20.5	23	25	26.5	27	A	BERAKAR
72	13.2	13.3	15	17	18	18.5	19.5	22	25	26.5	A	BERAKAR

Kategori	Total
MATI	11
KALUS	38
BERAKAR	23

Grade	Total
A (Layak Kirim)	22
B	5
C	33
D	1
E (Mati)	11
Total	72

I. Data Pengamatan Sampel P4U3

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	10	10	10	10	10	10	10	10	10	10	C	KALUS
2	10.8	10.5	11	10.5	11	11	11	11	11	11	C	KALUS
3	10.5	11	11.5	11.5	12	12	12	12	12	12	C	KALUS
4	11	11	11.5	11	9	9	9	9	9	9	C	KALUS
5	11	11.5	12	12	12	12	12	12	12	12	C	KALUS
6	11.5	13.5	15.2	16.5	18	19	20.5	21.5	23	26	A	BERAKAR
7	12.6	12.5	14	14.1	15	15	16.5	18.5	19.5	20.5	A	BERAKAR
8	11	11.5	12	11.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
9	11.4	11.5	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
10	13.2	12.3	13.5	13	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
11	10	0	0	0	0	0	0	0	0	0	E	MATI
12	13.3	15	16.8	17.4	19	20	22	24	27	28.5	A	BERAKAR
13	13	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
14	11	12	12.4	12	12	12	11	11	11	11	C	KALUS
15	11.2	11	11	11	11	11	11	0	0	0	E	MATI
16	10.5	10	10	9	9	9	9	0	0	0	E	MATI
17	10.7	10.9	10.5	10	11	11	11	11	11	11	C	KALUS
18	9.5	9.8	9.8	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
19	12.2	12.6	12.8	0	0	0	0	0	0	0	E	MATI
20	11.5	12.5	12	12	12	12	9.5	9.5	9.5	9.5	C	KALUS
21	14	14.4	13.4	13.4	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
22	12	12	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
23	9.5	9.5	9.5	9.5	9.5	9.5	9.5	0	0	0	E	MATI
24	0	0	0	0	0	0	0	0	0	0	E	MATI
25	12.3	12.6	12.6	12.6	12	12	12	12	12	12	C	KALUS
26	10.6	11	11.8	12	12	12	12	12	12	12	C	KALUS
27	12.5	13.5	11.7	11.7	11.7	0	0	0	0	0	E	MATI
28	11.5	12	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
29	13.6	15	14.5	14.5	14.8	15	15	15	15	15	B	KALUS
30	10	10	10	10	10	10	10	10	10	10	C	KALUS
31	16.1	17	18.5	20	21	21.5	23	26	26.5	28	A	BERAKAR
32	19.4	20.5	22.5	23	24.5	24.5	25.5	26	26	27	A	BERAKAR
33	8	8	8	7.5	7.5	7.5	7.5	7.5	7.5	0	E	MATI
34	11.4	10.5	11.4	12	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
35	17.1	18.5	20.6	22.7	24.5	25	25.5	27	29.5	31	A	BERAKAR
36	10	10	10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
37	14.6	17	19	20	21	21.5	23.5	25	26	29.5	A	BERAKAR
38	14.2	14.6	14.6	14	14.5	13.5	13.5	13.5	13.5	0	E	MATI
39	14.5	17	20	21.1	22.5	23	24.5	26	27	29.5	A	BERAKAR
40	11.3	11.8	12.6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
41	12	13	13	12	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
42	16	16.3	17	16.5	16.8	17	17	17	17	17	B	KALUS
43	13.2	13.5	14	14	13.8	13.5	13.5	13.5	13.5	13.5	B	KALUS
44	11.1	11	11.5	11	9	9	9	9	9	9	C	KALUS
45	11.2	11	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
46	13.3	13	13.3	13.3	13	13	13	13	13	13	B	KALUS
47	18.6	19.1	20.6	21.5	23	23.5	24.5	25.5	26.5	28.5	A	BERAKAR
48	9.6	9.7	8.4	8.4	8	8	8	8	8	8	C	KALUS
49	10.2	11.5	11.5	11.5	10.5	11	11	11	11	11	C	KALUS
50	9.8	10.6	10.6	10.6	10	10	12.5	14	16	18.5	A	BERAKAR
51	10	13	13.4	13	13	13	13	13	13	13	B	KALUS
52	11.7	10.5	10.5	10	10	10	10	10	10	10	C	KALUS
53	14	15	15.5	15.5	16.5	17.5	19	20.5	22.5	25.5	A	BERAKAR
54	8.8	8.8	8.8	8.8	8.5	8.5	9	9	9	9	C	KALUS
55	10	9.5	10	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
56	15.5	14	15.5	15.5	15.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
57	9.7	10.8	8.5	8.5	8	8	8	8	8	8	C	KALUS
58	12.4	12.5	12.5	13	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
59	11.5	11.5	11.5	11.6	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
60	10	10	10	8	9	9	9	9	9	9	C	KALUS
61	10	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
62	10.8	10	10	10	9.5	9.5	9.5	9.5	9.5	9.5	C	KALUS
63	9	9.4	9.4	9.4	8.7	9	9	9	9	9	C	KALUS
64	14	16	17.5	18	19.5	20.5	21	23	25.5	26	A	BERAKAR
65	12.5	13.5	13.5	13.5	13	13	13	0	0	0	E	MATI
66	12.5	13	12.5	12.5	12.5	12.5	11.5	11.5	11.5	11.5	C	KALUS
67	15.2	16.5	17.5	18	19	20	22	23.5	25	26.5	A	BERAKAR
68	17.5	18.8	20.4	21	23	23.5	25.5	26	28	29	A	BERAKAR
69	16	15.5	14.6	14.6	14.6	14.5	14.5	14.5	14.5	14.5	B	KALUS
70	9	8.7	0	0	0	0	0	0	0	0	E	MATI
71	16.4	17.7	19.6	20.5	21	21.5	23	24	24.5	26.5	A	BERAKAR
72	13.3	13.4	14.3	14	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS

Kategori	Total
MATI	11
KALUS	46
BERAKAR	15

Grade	Total
A (Layak Kirim)	15
B	10
C	36
D	0
E (Mati)	11
Total	72

m. Data Pengamatan Sampel P5U1

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	10.5	0	0	0	0	0	0	0	0	0	E	MATI
2	8.5	0	0	0	0	0	0	0	0	0	E	MATI
3	8	8.5	0	0	0	0	0	0	0	0	E	MATI
4	13	13.1	14	13	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
5	15.8	16	16	16.2	16.2	16.2	16	16	16	16	B	KALUS
6	13.9	15	18	19.5	20.5	20.5	21.5	22.5	24.5	26	A	BERAKAR
7	15	15	15	14.5	14.5	14.5	14	14	14	14	B	KALUS
8	9.5	10	10	9.5	9.5	10	9.5	9.5	9.5	9.5	C	KALUS
9	11.2	11.2	11.2	10.5	10.5	10	9	9	9	9	C	KALUS
10	0	0	0	0	0	0	0	0	0	0	E	MATI
11	11.1	11.1	11.1	10.3	10.5	11	10	10	10	10	C	KALUS
12	10	10	10.2	10	10.5	9	8.5	8.5	8.5	8.5	C	KALUS
13	13.5	15.6	18.6	18.5	19.5	20	21.5	22	24.5	27	A	BERAKAR
14	11.6	12.1	12.4	12	12	11.5	11	11	11	11	C	KALUS
15	10.6	11	9.8	9.2	9.2	8.5	8.5	0	0	0	E	MATI
16	15.5	16	17.5	18.8	19	19	19	20	21.5	23	A	BERAKAR
17	10.5	11	11	10.5	10	9.5	10.5	10.5	10.5	10.5	C	KALUS
18	11.5	12.1	13	13.2	13	13	13	13	13	13	B	KALUS
19	12	11.2	11.2	11.2	11.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
20	11	11.5	11.7	11.5	11.5	11.5	12	12	12	12	C	KALUS
21	9.6	9.8	10	10	10	9.5	9	9	9	9	C	KALUS
22	11.5	12	12.5	12	12	12	12	12	8.5	0	E	MATI
23	15	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	B	KALUS
24	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
25	15	14.2	14.5	14.5	14.5	14.5	13.2	13.2	13.2	13.2	B	KALUS
26	14	13.6	16.5	17	18.5	18.5	19.5	21	22	25	A	BERAKAR
27	12.2	12.8	13.6	13.2	13.2	13.5	13.5	13.5	13.5	13.5	B	KALUS
28	10.2	10.6	10.6	10	10	9	9	9	9	9	C	KALUS
29	11.4	12	12	11.6	12	11.5	11	11	11	11	C	KALUS
30	13.5	13.3	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
31	12.9	12.7	11.5	11	11	11	11	11	11	0	E	MATI
32	10	10.5	10.4	10.5	10.5	10.5	10.5	10.5	9	9	C	KALUS
33	8	8.7	8.7	0	0	0	0	0	0	0	E	MATI
34	11.5	11.5	11.5	10	10	10	10	10	10	10	C	KALUS
35	13.1	13	13	13.5	13.5	13	13	13	13	13	B	KALUS
36	13.5	14.5	17.5	18.5	20.5	21	22.5	24.5	26.5	29	A	BERAKAR
37	9.5	0	0	0	0	0	0	0	0	0	E	MATI
38	10.6	10	10.5	9.5	9.5	9.5	0	0	0	0	E	MATI
39	13.3	14	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	B	KALUS
40	11.7	11.5	11.5	9.8	10	10	10	10	10	0	E	MATI
41	13.3	14	14	14	13.5	14	14	14	14	14	B	KALUS
42	9.6	14.5	14.5	14.5	12.5	13	13	13	13	13	B	KALUS
43	14.4	13.6	13.6	12.5	12.5	12.5	12.5	12.5	12.5	14	B	KALUS
44	12	16	20	21	22.5	23	24.5	25	27.5	29	A	BERAKAR
45	10.8	11.5	11.5	11.5	11	11.5	11.5	0	0	0	E	MATI
46	11	8.7	8.7	8.5	8.5	8.5	8.5	0	0	0	E	MATI
47	14	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	0	E	MATI
48	10.2	10.5	10.5	10	10	0	0	0	0	0	E	MATI
49	13.2	10.5	10.5	10	10.3	10.3	10.5	0	0	0	E	MATI
50	13	13	13.5	13	12.5	13	13	13	0	0	E	MATI
51	12.4	12.4	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	C	KALUS
52	10	10	0	0	0	0	0	0	0	0	E	MATI
53	11	10.1	10.1	10.4	10.5	10	10	10	10	10	C	KALUS
54	11.2	11	11.5	11.6	11.6	11.4	11.4	11.4	11.4	11.4	C	KALUS
55	6.8	7.6	6.8	0	0	0	0	0	0	0	E	MATI
56	10.5	10.8	11	11	9.5	9.5	9.5	10	10	0	E	MATI
57	13.9	14.4	15.5	15	15	15	15	15	15	15	B	KALUS
58	10.2	10	11	10	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
59	12.5	12	12.4	12.5	12.5	13	13	13	13	13	B	KALUS
60	13.8	13	13	13	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
61	13.4	13.8	14	13.6	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
62	10.8	10.6	10	9.7	8.5	8.5	8.5	8.5	8.5	0	E	MATI
63	7.5	7.5	7.8	7.8	7.8	8	8	8	8	8	C	KALUS
64	12	12.8	13	11.6	11	11	11	11	11	11	C	KALUS
65	12	12	9.8	9	9.5	10	10	10	10	10	C	KALUS
66	12	11.6	12.1	11	11	11	11	11	11	11	C	KALUS
67	11.8	11.5	12.5	11.7	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
68	14	12.7	13	13	12.5	13	13	13	13	13	B	KALUS
69	8.1	8	8	7.5	8	8	8	8	8	8	C	KALUS
70	13.4	13	14	15	15.5	16	17	19.5	22.5	23.5	A	BERAKAR
71	12.4	12.3	12.3	12	11	11.5	11.5	11.5	11.5	11.5	C	KALUS
72	11.4	11	11	10.8	11	11	11	11	0	0	E	MATI

Kategori	Total
MATI	22
KALUS	43
BERAKAR	7

Grade	Total
A (Layak Kirim)	7
B	16
C	27
D	0
E (Mati)	22
Total	72

n. Data Pengamatan Sampel P5U2

NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	11	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
2	13	13.4	13.7	12.2	12.2	12.2	12.2	12.2	12.2	0	E	MATI
3	12.8	0	0	0	0	0	0	0	0	0	E	MATI
4	12	12.8	13	12.5	12.5	12.5	12.5	12.5	11	11	C	KALUS
5	15.1	16	18	19.1	20	21	21.5	24	26	28.5	A	BERAKAR
6	11.5	11.8	13	13	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
7	16.5	18.2	19.4	20	20.5	21	21.5	23	25	26.5	A	BERAKAR
8	13.6	13	13.5	13	13	13	13	13	13	13	B	KALUS
9	10.4	10.1	10.6	11.5	12.5	13.5	14.5	16	18	20	A	BERAKAR
10	16.4	17.5	19	20	21	22	23.5	26	27	30	A	BERAKAR
11	11.7	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
12	17.4	19.4	21.3	22.5	23.3	24.5	25.5	26.5	28	32	A	BERAKAR
13	8.6	9.8	9.8	9	8.5	8.5	8.5	8.5	8.5	8.5	C	KALUS
14	12.3	12	12.5	12	12	12	12	12	12	12	C	KALUS
15	14.3	14.5	15.8	17	18	19	20	22	24.5	27	A	BERAKAR
16	11.7	12	14	15	15.5	16	17	18	20.5	22	A	BERAKAR
17	15.2	15.6	15.7	15.7	15.5	15.5	15.5	15.5	15.5	15.5	B	KALUS
18	13.2	14	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
19	9	0	0	0	0	0	0	0	0	0	E	MATI
20	14.3	15	17.4	19.5	20.5	21	22.5	23.5	26	30	A	BERAKAR
21	13.1	13.5	14	14.2	13.6	13.6	13.6	13.6	13.6	13.6	B	KALUS
22	10.8	11	11.6	12	11	11	11	11	11	11	C	KALUS
23	11	11	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
24	10.2	0	0	0	0	0	0	0	0	0	E	MATI
25	12.8	13	13.5	13	13	13.2	13.2	13.2	13.2	13.2	B	KALUS
26	11.3	0	0	0	0	0	0	0	0	0	E	MATI
27	10	10.4	10.5	10.5	10.5	11	11	11	11	11	C	KALUS
28	11.6	12	12.4	12	12	12	12	12	12	0	E	MATI
29	11.7	12.5	12.5	12.5	12	12	12	12	12	12	C	KALUS
30	16.1	17.5	20	21.4	23	24.1	25	26	27.5	29.5	A	BERAKAR
31	11.1	11.5	11.5	12.5	11.5	12	12	12	12	12	C	KALUS
32	15.1	15.8	16	15.8	15	14	14	14	14	14	B	KALUS
33	10.2	11	11.5	11	11	11	11	11	11	11	C	KALUS
34	10.5	10.7	10.7	10	11	11	11	11	11	11	C	KALUS
35	13	13.2	13.5	13.5	13	13	12	12	12	12	C	KALUS
36	10.5	0	0	0	0	0	0	0	0	0	E	MATI
37	11.1	12.5	14.8	15.5	16.8	16.8	17.5	18	20.5	22.5	A	BERAKAR
38	11.8	12	12.5	12.5	12	11	11	11	11	11	C	KALUS
39	10	10.1	10.1	10.1	10	10	10	10	10	0	E	MATI
40	11.1	12.5	12.6	12.6	12.6	0	0	0	0	0	E	MATI
41	12.5	13.5	13.5	13.5	13.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
42	10.6	11	9	9	9	9	9	9	9	9	C	KALUS
43	14	14.5	13.5	14	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
44	10.2	11	13.5	15.5	17.5	18	19.5	20.5	23.5	25	A	BERAKAR
45	14.5	16	17.5	19	21	21.5	23	25	26	27	A	BERAKAR
46	11.2	11.5	12	12	11.9	12	12	12	12	12	C	KALUS
47	11.4	12.2	12.5	12.8	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
48	14.3	14.5	15	15.5	15	15.3	15.3	15.3	16	16	B	KALUS
49	16.3	17	19	20	22	22.5	24	25	26	29.5	A	BERAKAR
50	10.2	12	11.7	11.5	10.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
51	12.3	11.5	11.5	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
52	13.5	13.7	13.3	13	13	13.5	13.5	13.5	13.5	13.5	B	KALUS
53	14.5	15	15	14.5	14.5	14	14	14	14	14	B	KALUS
54	11	11.1	11.5	11.5	11.5	11.5	12	12	12	12	C	KALUS
55	10.5	11.1	11.5	11	11	11	11	11	11	11	C	KALUS
56	11	11.1	10.9	9.8	9.8	9.8	9.8	9.8	9.8	0	E	MATI
57	12.2	12	12.5	12.5	13	12.5	12.5	12.5	12.5	12.5	C	KALUS
58	12.5	11.5	11.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
59	8.8	9	9	8.5	8.5	8	8	8	8	0	E	MATI
60	11.5	9.9	9.9	9.8	9.5	10	10	10	10	10	C	KALUS
61	12.1	12	12.5	12.5	13	13	13	13	13	13	B	KALUS
62	12	12.5	12.5	12.4	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
63	13.3	14.1	16.2	17	18	18	19.5	21.5	22.5	24	A	BERAKAR
64	16.5	15.8	13.5	13.5	14	13	13	13	13	0	E	MATI
65	11.3	11.8	11.8	12	12	11	11	11	11	11	C	KALUS
66	10.8	10.9	10.5	10.5	11	11	11	11	11	11	C	KALUS
67	9.2	9	9.6	9.6	9.6	9.6	10	10	10	10	C	KALUS
68	9.3	9.9	9.6	9.6	10	9	9	9	9	9	C	KALUS
69	11.4	10.6	9.9	9.9	9.5	10	10	10	10	10	C	KALUS
70	14.2	14.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
71	11.6	12	12	12	11.5	10.5	10.5	10.5	10.5	10.5	C	KALUS
72	10.3	10.5	10	10.5	10.5	11	11	10	0	0	E	MATI

Kategori	Total
MATI	13
KALUS	45
BERAKAR	14

Grade	Total
A (Layak Kirim)	14
B	11
C	34
D	0
E (Mati)	13
Total	72

o. Data Pengamatan Sampel P5U3











NO	Pengamatan Tinggi Minggu ke- (cm)										GRADE	KONDISI PERAKARAN
	1	2	3	4	5	6	7	8	9	10		
1	12.3	12.5	12.5	12.5	12	12	12	12	12	0	E	MATI
2	12.8	13.5	13.5	13.2	13	13	13	13	13	13	B	KALUS
3	10	10.3	10.3	10.3	10	9	9	9	9	9	C	KALUS
4	12.5	12	12.5	12	12.5	11.5	11.5	10	10	10	C	KALUS
5	12.5	13	13.3	13	12.8	13	13	13	13	0	E	MATI
6	12	11.5	8.5	8	8	8	8	8	8	4.5	D	KALUS
7	13.5	16.4	17.8	18	18.2	19	20.5	22.5	25	26	A	BERAKAR
8	13.5	14	14	14	14	13.5	13.5	13.5	13.5	13.5	B	KALUS
9	10	10	12.7	13.5	15.5	17	18.5	19	20.5	21.5	A	BERAKAR
10	12	12.7	12.7	12.3	12.5	11.5	12	12	12	12	C	KALUS
11	11.5	12.5	12.5	12	12	12	12	12	12	12	C	KALUS
12	12	11.5	15	15	17	18.5	21.5	23	25	28.5	A	BERAKAR
13	17	17.7	19.3	19.3	20.5	21	23	26	27	30	A	BERAKAR
14	12	13	13.5	13.5	13.3	13.3	13.3	13.3	13.3	13.3	B	KALUS
15	13.5	14	14.6	14.2	14	14.5	14.5	14.5	14.5	14.5	B	KALUS
16	13.2	14	15	15.3	15.5	15.5	16	18	19.5	20	A	BERAKAR
17	10.8	9.6	10	9.5	9.5	10	10	10	10	10	C	KALUS
18	17	16.7	16	15.5	14.5	14	14	14	14	0	E	MATI
19	9.2	10	10	10	10	10	10	10	10	10	C	KALUS
20	12.5	13.3	14.8	15.5	16.5	18.5	20.5	25	27	30.5	A	BERAKAR
21	15.5	17	20.2	21	22.5	24	25	26	27.5	31	A	BERAKAR
22	15.5	17	18.5	19.2	20.5	22	24	25	28	30.5	A	BERAKAR
23	16.4	16	16.5	16	16	16.5	16.5	16.5	16.5	16.5	B	KALUS
24	14	14.5	15	15.2	15.3	15.3	15.3	15.3	15.3	0	E	MATI
25	11.4	11	11.8	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
26	12.1	12.5	13	12	12	10	10	10	10	10	C	KALUS
27	16.2	17.5	19.5	20.3	22.2	23	24	25	28	30	A	BERAKAR
28	11.3	11.5	11.5	11	11.5	11.5	11.5	11.5	11.5	11.5	C	KALUS
29	13.2	14	14.3	14	14.2	14.2	14.2	14.2	14.2	14.2	B	KALUS
30	12.1	12	12.8	13	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
31	9.3	10	10.5	11.5	14	14.5	16	16	22	23.5	A	BERAKAR
32	15	15.5	17	17.8	19	20	22	24	25	25.5	A	BERAKAR
33	10	10.5	11	10.5	10.5	10.5	11	11	11	11	C	KALUS
34	12.6	14	14	13.5	13.5	14	13.5	13.5	13.5	13.5	B	KALUS
35	14.4	14.4	15	15.2	15	15.5	15.5	15.5	15.5	15.5	B	KALUS
36	17.2	19.5	20.1	21.6	22.5	24	25.5	26.5	29	30.5	A	BERAKAR
37	12.5	12.5	13.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
38	11.9	12.4	13.5	14.5	15.5	16.5	18	20	22	23.5	A	BERAKAR
39	12.1	13	13.5	13.2	13.5	13.5	13.5	13.5	13.5	13.5	B	KALUS
40	13.4	13	13.3	12.4	12.5	11.5	11.5	11.5	11.5	0	E	MATI
41	11.5	0	0	0	0	0	0	0	0	0	E	MATI
42	13.3	16	18	19.8	21.5	22.5	23.5	24	26	27.5	A	BERAKAR
43	12.4	14.5	15.5	16	16.5	17	19	20	21.5	22.5	A	BERAKAR
44	8.6	9.5	8.3	8	8	8	8	8	8	8	C	KALUS
45	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	0	E	MATI
46	12	10.8	10	10.3	10	10	10	10	10	10	C	KALUS
47	14.5	14.5	15	15.2	15	15.5	15.5	15.5	15.5	15.5	B	KALUS
48	17	17.5	19.5	20.5	21.5	22	23	25	25	26	A	BERAKAR
49	15.6	15.4	15.4	15.2	15	14.5	14.5	14.5	14.5	14.5	B	KALUS
50	9.8	9.9	10.5	10	10	9	9	9	9	9	C	KALUS
51	12	11.6	12	12.1	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
52	11.8	12	12	11.5	12	0	0	0	0	0	E	MATI
53	10	10	8	7.6	7.5	7.5	7.5	7.5	7.5	0	E	MATI
54	13	10.5	10.5	10.5	10	10	10	10	10	0	E	MATI
55	15.6	14.2	15.5	15.6	16	16	16	16	16	16	B	KALUS
56	11	10.6	11.5	11.5	11	11	11	11	12.5	12.5	C	KALUS
57	11	11.5	11.5	11.4	11.5	11	11	11	11	0	E	MATI
58	12.3	12.1	12.1	12	12	11	11	11	11	11	C	KALUS
59	14	12.5	12.5	13	13	12.5	12.5	12.5	12.5	0	E	MATI
60	8.8	8.5	8.5	8	8.5	8	8	8	8	0	E	MATI
61	18.3	20.2	22	22.1	24	25.5	26	27	29.5	30	A	BERAKAR
62	15.6	15	15	15.6	15	15	15	15	15	15	B	KALUS
63	13.5	14	14	14	14	14	14	14	14	14	B	KALUS
64	12.2	13.3	14.5	15	16	16.5	18.5	20	22.5	23	A	BERAKAR
65	14.5	14.5	14.5	14.5	14.5	13	13	13	13	0	E	MATI
66	10.7	12.5	15	16	18	20	21.5	22.5	23.5	26	A	BERAKAR
67	17.2	19.5	20	21.5	23	24.5	25.5	28	28.5	30.5	A	BERAKAR
68	14.1	14	13	13.3	13	13	13	13	13	13	B	KALUS
69	12.4	12.7	12.7	12.5	12.5	12.5	12.5	12.5	12.5	12.5	C	KALUS
70	12.9	13.5	13	13	13	13.5	12	12	12	12	C	KALUS
71	12.3	11.9	11.9	11.2	14.2	11.5	11.5	11.5	11.5	0	E	MATI
72	9.1	9	9	9.4	9	9	0	0	0	0	E	MATI

Kategori	Total
MATI	16
KALUS	36
BERAKAR	20











Grade	Total
A (Layak Kirim)	20
B	15
C	20
D	1
E (Mati)	16
Total	72

Lampiran 9 : Dokumentasi

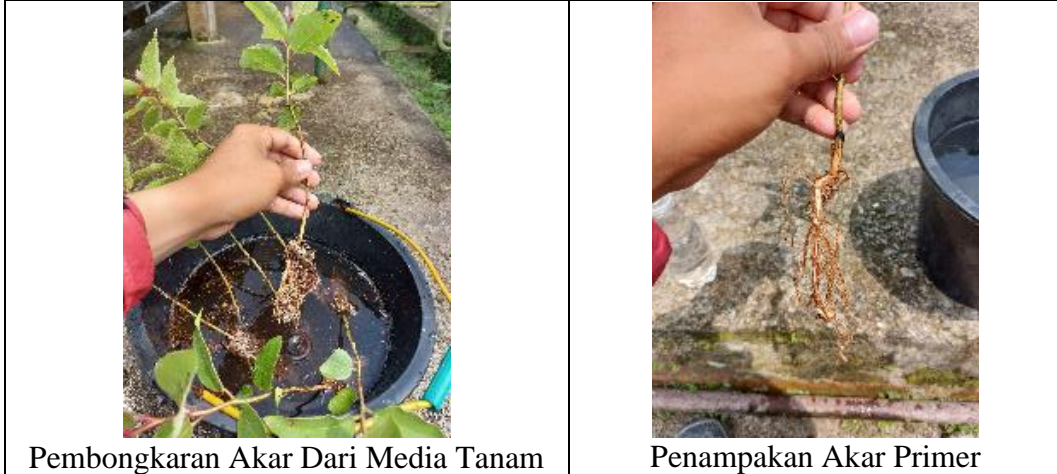
a. Pengamatan dan Pengukuran Tinggi Stek *Corymbia sp. Clone* IND 125 Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA

Perlakuan	Awal	Akhir
Tanpa ZPT (P1)		
IBA 5000 ppm (P2)		
IBA 3000 ppm + NAA 2000 ppm (P3)		
IBA 2000 ppm + NAA 3000 ppm (P4)		
NAA 5000 ppm (P5)		

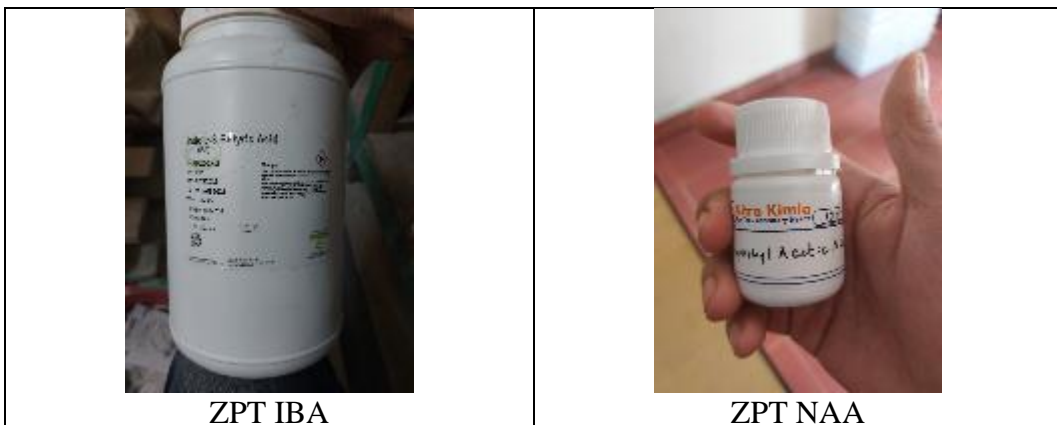
b. Pengamatan dan Pengukuran Akar Stek *Corymbia sp. Clone IND 125* Pada Berbagai Perlakuan Campuran ZPT IBA dan NAA

Perlakuan	Gambar	Akar
Tanpa ZPT (P1)		
IBA 5000 ppm (P2)		
IBA 3000 ppm + NAA 2000 ppm (P3)		
IBA 2000 ppm + NAA 3000 ppm (P4)		
NAA 5000 ppm (P5)		

c. Pembongkaran Akar Stek *Corymbia sp. Clone IND 125* Dari Media Tanam



d. Proses Penimbangan Bahan ZPT dan Bahan ZPT



e. Lokasi Penelitian = Nursery Central PT. Toba Pulp Lestari

