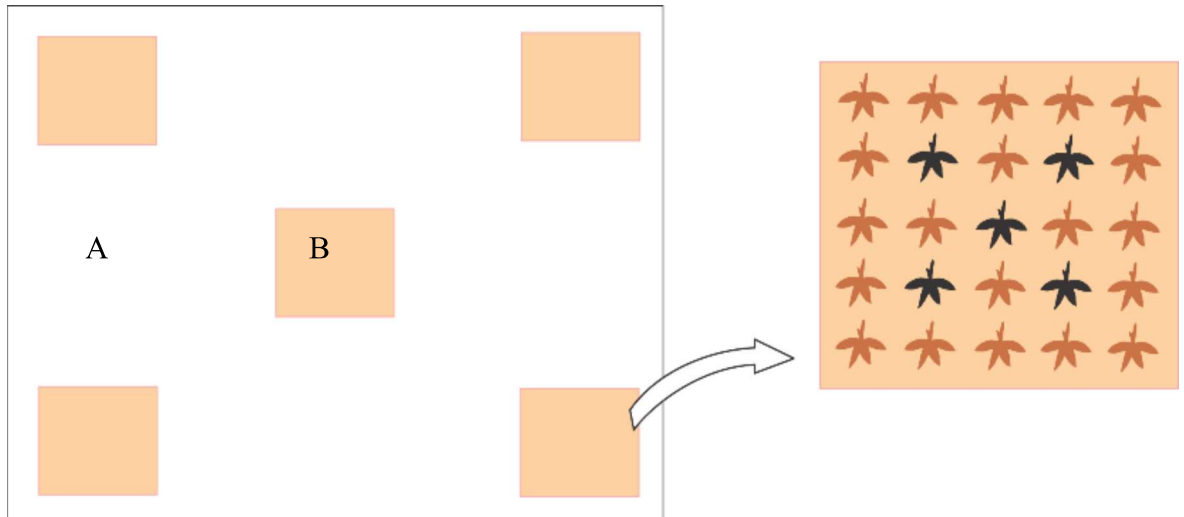


LAMPIRAN

Lampiran 1. Layout Plot Pengambilan Sampel



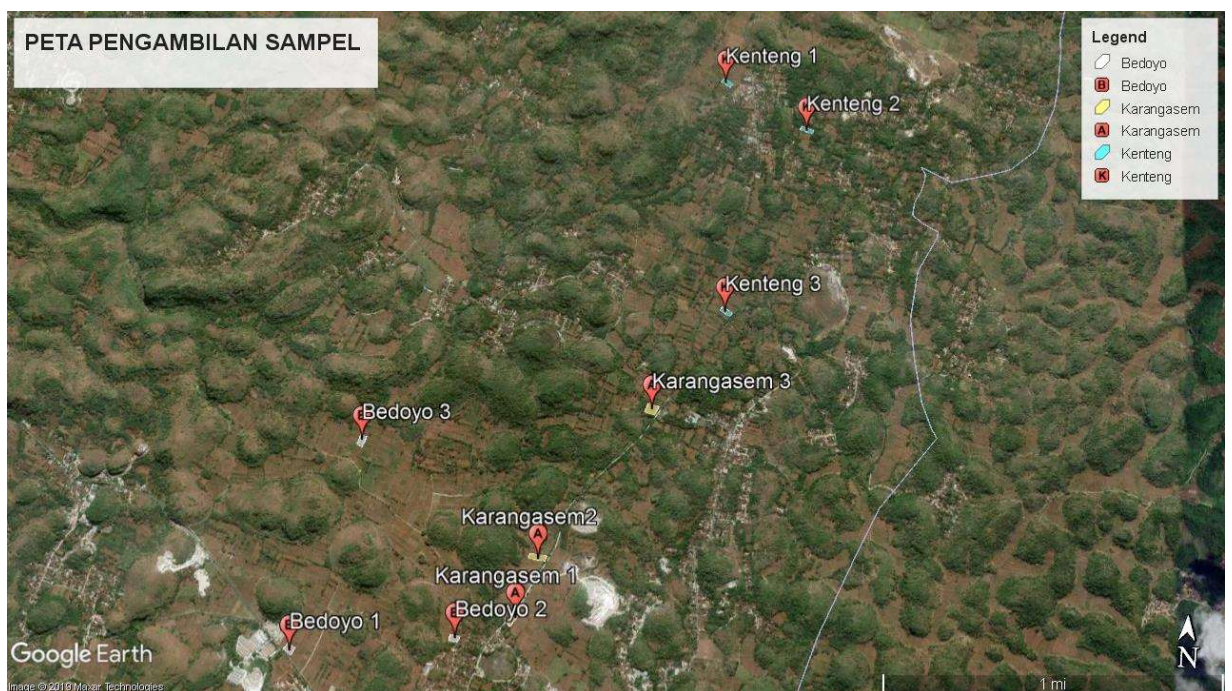
Keterangan:

✿ Tanaman sampel

A : Petak Lahan

B : Plot sampel

Lampiran 2. Peta Lokasi Pengambilan Sampel



Lampiran 3. Lembar Pertanyaan Kuisisioner

No	Pertanyaan	Responden
1.	Nama	
2.	Lokasi lahan	
Budidaya Ubi Kayu		
1.	Berapa luas lahan yang digunakan?	
2.	Berapa umur tanaman yang bapak tanam saat ini?	
3.	Sistem tanam apa yang anda gunakan? Jika menggunakan sistem tumpang sari, apa saja jenis tanaman yang ditanaman?	
4.	Berapa kali musim tanam dalam satu tahun? Adakah sistem bero? Kapan awal musim tanam dilakukan?	
5.	Apakah dilakukan rotasi tanam?	
6.	Apakah dilakukan pengolahan tanah, jika iya bagaimana prosesnya?	
7.	Bahan tanam yang digunakan diperoleh dari mana dan apa jenisnya? Apabila berasal dari pertanaman sebelumnya adakah perlakuan khusus?	
8.	Apa varietas ubi kayu yang ditanam? Apakah termasuk varietas ubi kayu bahan baku mokaf?	

9.	Berapa jarak tanam yang digunakan?	
10.	Apakah dilakukan pemupukan? Jika iya berapa jenis dan dosis yang digunakan dan kapan pemberian pupuk dilakukan? Bagaimana metodenya?	
11.	Apakah dilakukan penyiangan gulma? Kapan dilakukan?	
12.	Adakah perawatan lain yang dilakukan? Jika iya apa saja?	
13.	Kapan panen dilakukan?	
14.	Apa saja karakteristik tanaman yang menunjukkan jika tanaman tersebut siap panen?	
15.	Berapa hasil tanaman ubi kayu diperoleh dalam satu musim tanam?	
Pengendalian Penyakit		
16.	Apa saja jenis penyakit yang menyerang tanaman ubi kayu yang anda tanam?	
17.	Apakah dilakukan proses pengendalian penyakit? Jika iya, kapan dilakukan pengendalian tersebut?	
18.	Bagaimana dampak pengendalian terhadap hasil?	

Lampiran 4. Hasil Anova dan DMRT Intensitas Serangan Penyakit DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	52.67±1.15a	54 ± 2a	58.67 ± 4.16a	65.11 ± 7.73a
Karangasem	52.67 ± 1.15a	60.67 ± 4.16ab	63.11 ± 4.29a	70.45 ± 0.39a
Bedoyo	64 ± 4b	66.33 ± 4.73b	74.33 ± 4.93b	86.11 ± 8b

a. Pengamatan 1

ANOVA

Intensitas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	256.889	2	128.444	20.643	.002s
sWithin Groups	37.333	6	6.222		
Total	294.222	8			

b. Pengamatan 2

ANOVA

Intensitas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	228.667	2	114.333	7.855	.021s
Within Groups	87.333	6	14.556		
Total	316.000	8			

c. Pengamatan 3

ANOVA

Intensitas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	391.151	2	195.575	9.772	.013s
Within Groups	120.086	6	20.014		
Total	511.237	8			

d. Pengamatan 4

ANOVA

Intensitas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	714.820	2	357.410	8.652	.017 s
Within Groups	247.864	6	41.311		
Total	962.684	8			

Lampiran 5. Hasil Anova dan DMRT Bercak Cokelat

DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	94.67 ± 6.11a	98.67 ± 2.30a	100a	100a
Karangasem	94.67 ± 2.30a	97.33 ± 2.30a	100a	100a
Bedoyo	86.67 ± 10.06a	92 ± 13.85a	94.67 ± 9.23a	100a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	128.000	2	64.000	1.333	.332ns
Within Groups	288.000	6	48.000		
Total	416.000	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	74.667	2	37.333	.553	.602ns
Within Groups	405.333	6	67.556		
Total	480.000	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	56.889	2	28.444	1.000	.422ns
Within Groups	170.667	6	28.444		
Total	227.556	8			

d. Pengamatan 4 -

Lampiran 6. Hasil Anova dan DMRT Bercak Baur

DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	73.33 ± 2.30a	97.33 ± 4.61a	97.33 ± 4.61a	100a
Karangasem	88 ± 8a	88 ± 8a	96 ± 4a	98.67 ± 2.30a
Bedoyo	84 ± 20.78a	84 ± 24.33a	94.67 ± 6.11a	96 ± 6.92a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	344.889	2	172.444	1.032	.412 ns
Within Groups	1002.667	6	167.111		
Total	1347.556	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	280.889	2	140.444	.622	.568 ns
Within Groups	1354.667	6	225.778		
Total	1635.556	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	10.667	2	5.333	.214	.813 ns
Within Groups	149.333	6	24.889		
Total	160.000	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	24.889	2	12.444	.700	.533 ns
Within Groups	106.667	6	17.778		
Total	131.556	8			

Lampiran 7. Hasil Anova dan DMRT Antraknosa

DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	72.00 ± 6.92a	73.33 ± 9.23a	77.33 ± 6.11a	82.67 ± 10.06a
Karangasem	73.33 ± 8.32a	73.33 ± 8.32a	81.33 ± 2.30a	81.33 ± 2.30a
Bedoyo	68.00 ± 14.42a	69.33 ± 15.14a	82.67 ± 16.16a	84.00 ± 14.42a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	46.222	2	23.111	.213	.814ns
Within Groups	650.667	6	108.444		
Total	696.889	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	32.000	2	16.000	.125	.885ns
Within Groups	768.000	6	128.000		
Total	800.000	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	46.222	2	23.111	.228	.803ns
Within Groups	608.000	6	101.333		
Total	654.222	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.667	2	5.333	.051	.951ns
Within Groups	629.333	6	104.889		
Total	640.000	8			

Lampiran 8. Hasil Anova dan DMRT Embun Jelaga

DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	0	5.33± 9.23a	14.67± 25.40a	16.00± 27,71a
Karangasem	0	1.33± 2.3a	2.67 ± 2.3a	2.67± 2.3a
Bedoyo	0	0.00a	1.33±2.3a	5.33±4.6a

a. Pengamatan 1

-

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	46.222	2	23.111	.765	.506 ns
Within Groups	181.333	6	30.222		
Total	227.556	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	323.556	2	161.778	.740	.516ns
Within Groups	1312.000	6	218.667		
Total	1635.556	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	298.667	2	149.333	.564	.597ns
Within Groups	1589.333	6	264.889		
Total	1888.000	8			

Lampiran 9. Hasil Anova dan DMRT Karat

DMRT

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	1.33 ± 2.30a	1.33 ± 2.30a	1.33 ± 2.30a	1.33 ± 2.30a
Karangasem	0a	0a	0a	0a
Bedoyo	0a	0a	0a	0a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.556	2	1.778	1.000	.422ns
Within Groups	10.667	6	1.778		
Total	14.222	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.556	2	1.778	1.000	.422ns
Within Groups	10.667	6	1.778		
Total	14.222	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.556	2	1.778	1.000	.422ns
Within Groups	10.667	6	1.778		
Total	14.222	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.556	2	1.778	1.000	.422ns
Within Groups	10.667	6	1.778		
Total	14.222	8			

Lampiran 10. Hasil Anova dan DMRT Hawar**DMRT**

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	42.67 ± 16.16a	49.33 ± 16.16a	49.33 ± 16.16a	56 ± 8a
Karangasem	25.33 ± 10a	25.33 ± 10a	26.67 ± 10a	29.33 ± 10a
Bedoyo	37.33 ± 11.54a	40 ± 10.58a	48 ± 12a	49.33 ± 26a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	472.889	2	236.444	1.430	.311ns
Within Groups	992.000	6	165.333		
Total	1464.889	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	878.222	2	439.111	2.775	.140ns
Within Groups	949.333	6	158.222		
Total	1827.556	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	970.667	2	485.333	2.874	.133ns
Within Groups	1013.333	6	168.889		
Total	1984.000	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1155.556	2	577.778	1.982	.218ns
Within Groups	1749.333	6	291.556		
Total	2904.889	8			

Lampiran 11. Hasil Anova dan DMRT Virus**DMRT**

Petak Lahan	Luas serangan			
	1	2	3	4
Kenteng	1.33 ± 2.31a	1.33 ± 2.31a	1.33 ± 2.31a	1.33 ± 2.31a
Karangasem	0a	0a	0a	0a
Bedoyo	4 ± 6.93a	4 ± 6.93a	18.67 ± 22.74a	30.67 ± 43.13a

a. Pengamatan 1

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	24.889	2	12.444	.700	.533ns
Within Groups	106.667	6	17.778		
Total	131.556	8			

b. Pengamatan 2

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	24.889	2	12.444	.700	.533ns
Within Groups	106.667	6	17.778		
Total	131.556	8			

c. Pengamatan 3

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	650.667	2	325.333	1.867	.234ns
Within Groups	1045.333	6	174.222		
Total	1696.000	8			

d. Pengamatan 4

ANOVA

Luas serangan (%)

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	1802.667	2	901.333	1.449	.307ns
Within Groups	3733.333	6	622.222		
Total	5536.000	8			

Lampiran 12. Serangan Tungau Merah Pada Daun Ubi Kayu