

LAMPIRAN

Tabel 4. Jumlah populasi kutu perisai *Aulacaspis tegalensis*.

ULANGAN Ke-	VARIETAS		
	RGM 00869	GP-11	GMP-3
1	243	317	23
2	136	1083	238
3	90	492	34
4	454	233	44
5	2920	505	33
6	1312	553	108
7	1349	428	36
8	462	455	32
9	832	1690	550

Tabel 5. Persentase jumlah ruas batang terserang.

ULANGAN Ke-	VARIETAS (%)		
	RGM 00-869	GP-11	GMP-3
1	20	21	8
2	22	23	15
3	20	23	9
4	23	28	14
5	28	23	12
6	31	19	14
7	24	18	11
8	22	21	11
9	31	28	27

Tabel 6. Rerata kepadatan populasi dan intensitas serangan varietas RGM 00-869.

No	Varietas RGM 00-869	
	Populasi	Intensitas serangan
1	24,3	2
2	13,6	2,2
3	9	2
4	45,4	2,2
5	292	2,8
6	131,2	3,1
7	134,9	2,4
8	46,2	2,2
9	83,2	3,1
Rata – rata	86,64	2,44

Tabel 7. Rerata kepadatan populasi dan intensitas serangan varietas GP-11.

No	Varietas GP-11	
	Populasi	Intensitas serangan
1	31,7	2,1
2	108,3	2,3
3	49,2	2,3
4	23,3	2,8
5	50,5	2,3
6	55,3	1,9
7	42,8	1,8
8	45,5	2,1
9	169	2,8
Rata – rata	63,96	2,27

Tabel 8. Rerata kepadatan populasi dan intensitas serangan varietas GMP-3.

No	Varietas GMP-3	
	Populasi	Intensitas serangan
1	2,3	0,8
2	23,8	1,5
3	3,4	0,9
4	4,4	1,4
5	3,3	1,2
6	10,8	1,4
7	3,6	1,1
8	3,2	1,1
9	55	2,7
Rata – rata	12,20	1,34

Tabel 9. Analisis ragam kepadatan populasi kutu perisai *Aulacaspis tegalensis*

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Randomized Complete Block AOV Table for populasi

Source	DF	SS	MS	F	P
Ulangan	8	29994	3749.3		
perlakuan	2	26206	13103.1	3.85	0.0432
Error	16	54485	3405.3		
Total	26	110685			

Grand Mean 54.267 CV 107.53

Tukey's 1 Degree of Freedom Test for Nonadditivity

Source	DF	SS	MS	F	P
Nonadditivity	1	13589.7	13589.7	4.98	0.0412
Remainder	15	40895.0	2726.3		

Relative Efficiency, RCB 1.00

Means of populasi for perlakuan

perlakuan	Mean
1	86.644
2	63.956
3	12.200

Observations per Mean 9
Standard Error of a Mean 19.452
Std Error (Diff of 2 Means) 27.509

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LSD All-Pairwise Comparisons Test of populasi for perlakuan

perlakuan	Mean	Homogeneous Groups
1	86.644	A
2	63.956	AB
3	12.200	B

Alpha 0.05 Standard Error for Comparison 27.509
Critical T Value 2.120 Critical Value for Comparison 58.316
Error term used: Ulangan*perlakuan, 16 DF
There are 2 groups (A and B) in which the means
are not significantly different from one another.

Tabel 10. Analisis ragam intensitas serangan kutu perisai *Aulacaspis tegalensis*

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Randomized Complete Block AOV Table for intensitas

Source	DF	SS	MS	F	P
ulangan	8	3.2807	0.41009		
perlakuan	2	6.2763	3.13815	28.47	0.0000
Error	16	1.7637	0.11023		
Total	26	11.3207			

Grand Mean 2.0185 CV 16.45

Tukey's 1 Degree of Freedom Test for Nonadditivity

Source	DF	SS	MS	F	P
Nonadditivity	1	0.30605	0.30605	3.15	0.0962
Remainder	15	1.45765	0.09718		

Relative Efficiency, RCB 1.78

Means of intensitas for perlakuan

perlakuan	Mean
1	2.4444
2	2.2667
3	1.3444

Observations per Mean 9

Standard Error of a Mean 0.1107

Std Error (Diff of 2 Means) 0.1565

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LSD All-Pairwise Comparisons Test of intensitas for perlakuan

perlakuan	Mean	Homogeneous Groups
1	2.4444	A
2	2.2667	A
3	1.3444	B

Alpha 0.05 Standard Error for Comparison 0.1565

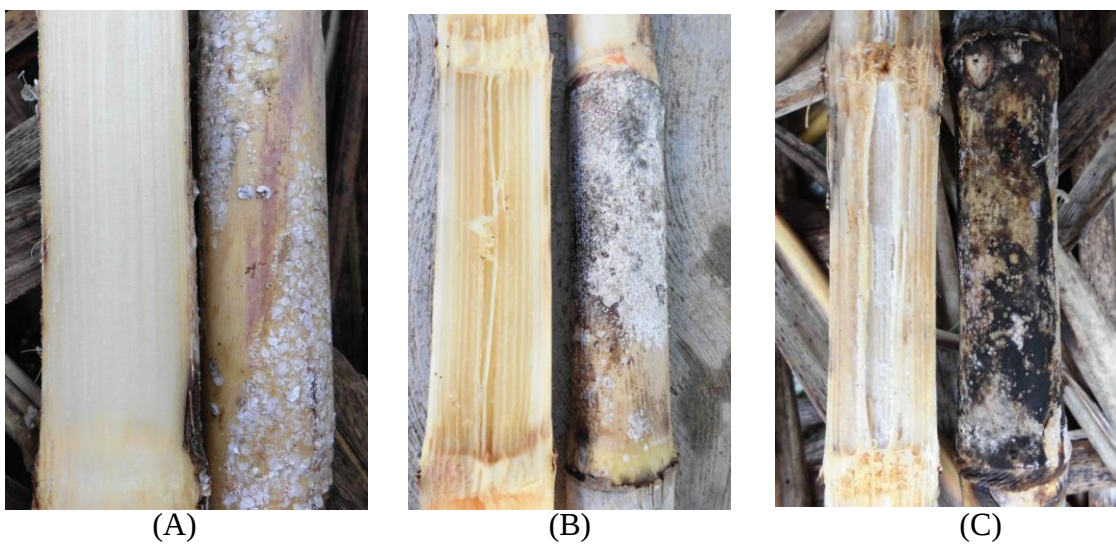
Critical T Value 2.120 Critical Value for Comparison 0.3318

Error term used: ulangan*perlakuan, 16 DF

There are 2 groups (A and B) in which the means are not significantly different from one another.



Gambar 10. Tanaman tebu sehat dan tanaman tebu terserang kutu perisai.



Gambar 11. Tingkat kerusakan tanaman tebu akibat serangan kutu perisai
(A). Ringan (B). Sedang (C). Parah.



Gambar 12. Penentuan sampel tanaman pada setiap plot-plot pengamatan.



Gambar 13. Pengamatan kutu perisai secara langsung.