

LAMPIRAN

Lampiran I Hasil Perhitungan Analisis Statistik SPSS Pengaruh Perbedaan Jenis Kedelai (*Glycine max L.*) terhadap Kutu kebul (*B. tabaci*)

1.1 Berdasarkan Jumlah Telur

ANOVA

Jumlah_Telur

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2524,318	43	58,705	56,153	,000
Within Groups	46,000	44	1,045		
Total	2570,318	87			

Post Hoc Tests Homogeneous Subsets

Jumlah_Telur

Perlakuan	N	Subset for alpha = .05								
		1	2	3	4	5	6	7	8	9
3,00	2	18,0000								
4,00	2	18,5000								
5,00	2		22,0000							
40,00	2		23,0000							
32,00	2		23,5000	23,5000						
41,00	2		23,5000	23,5000						
43,00	2		23,5000	23,5000						
18,00	2		24,0000	24,0000						
16,00	2			25,5000	25,5000					
42,00	2			25,5000	25,5000					
44,00	2			25,5000	25,5000					
10,00	2				26,5000					
9,00	2				27,0000					
8,00	2					27,0000				
14,00	2					29,0000				
1,00	2					29,0000				
7,00	2					29,5000	29,5000			
2,00	2					30,0000	30,0000	30,0000		
6,00	2					30,5000	30,5000	30,5000		
15,00	2					30,5000	30,5000	30,5000		
12,00	2					31,0000	31,0000	31,0000		
13,00	2						31,5000	31,5000		
11,00	2							32,0000		
21,00	2									34,5000
29,00	2									34,5000
35,00	2									34,5000
24,00	2									35,0000
33,00	2									35,0000
34,00	2									35,0000
38,00	2									35,0000
39,00	2									35,0000
22,00	2									35,5000
25,00	2									35,5000
26,00	2									35,5000
28,00	2									35,5000
30,00	2									35,5000
36,00	2									35,5000
37,00	2									35,5000
19,00	2									36,0000
27,00	2									36,0000
31,00	2									36,0000
20,00	2									36,5000
17,00	2									37,0000
23,00	2									37,0000
Sig.		,627	,092	,097	,199	,070	,100	,097	,097	,051

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

1.2 Berdasarkan Jumlah Nimfa

ANOVA

Jumlah_Nimfa

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	9353,455	43	217,522	170,910	,000
Within Groups	56,000	44	1,273		
Total	9409,455	87			

Post Hoc Tests Homogeneous Subsets

Jumlah_Nimfa

Perlakuan	N	Subset for alpha = .05																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
40,00	2	29,5000																	
6,00	2		38,5000																
32,00	2			42,0000															
18,00	2			43,0000															
42,00	2				47,0000														
43,00	2				47,0000														
41,00	2				47,5000														
44,00	2				48,5000														
16,00	2					51,0000													
3,00	2					52,5000													
15,00	2						55,0000												
10,00	2						56,0000	56,0000											
1,00	2						57,0000	57,0000	57,0000										
7,00	2						57,0000	57,0000	57,0000										
14,00	2						57,0000	57,0000	57,0000										
2,00	2						57,5000	57,5000	57,5000	57,5000									
5,00	2						57,5000	57,5000	57,5000	57,5000									
4,00	2							58,0000	58,0000	58,0000	58,0000								
11,00	2							58,5000	58,5000	58,5000	58,5000	58,5000							
8,00	2								59,0000	59,0000	59,0000	59,0000	59,0000						
13,00	2									60,0000	60,0000	60,0000	60,0000						
12,00	2										60,5000	60,5000	60,5000						
9,00	2											61,0000	61,0000						
39,00	2												65,5000						
23,00	2												66,5000	66,5000					
21,00	2												67,5000	67,5000	67,5000				
24,00	2												67,5000	67,5000	67,5000				
29,00	2												67,5000	67,5000	67,5000				
30,00	2												67,5000	67,5000	67,5000				
27,00	2												68,0000	68,0000	68,0000	68,0000			
36,00	2												68,0000	68,0000	68,0000	68,0000			
26,00	2												68,5000	68,5000	68,5000	68,5000			
33,00	2												68,5000	68,5000	68,5000	68,5000			
38,00	2												69,0000	69,0000	69,0000	69,0000			
17,00	2												69,5000	69,5000	69,5000	69,5000	69,5000		
31,00	2												69,5000	69,5000	69,5000	69,5000	69,5000		
35,00	2												69,5000	69,5000	69,5000	69,5000	69,5000		
28,00	2												70,0000	70,0000	70,0000	70,0000	70,0000	70,0000	
19,00	2													70,5000	70,5000	70,5000	70,5000	70,5000	70,5000
34,00	2													70,5000	70,5000	70,5000	70,5000	70,5000	70,5000
37,00	2														70,5000	70,5000	70,5000	70,5000	70,5000
22,00	2															72,0000	72,0000	72,0000	72,0000
25,00	2																72,5000	72,5000	72,5000
20,00	2																	73,0000	73,0000
Sig.		1,000	1,000	,380	,233	,190	,060	,062	,136	,056	,052	,052	,062	,066	,071	,070	,062	,056	,056

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 2,000.

1.3 Berdasarkan Jumlah Pupa

ANOVA

Jumlah_Pupa

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	881,273	43	20,495	22,544	,000
Within Groups	40,000	44	,909		
Total	921,273	87			

Post Hoc Tests Homogeneous Subsets

Jumlah_Pupa

Duncan ^a		Subset for alpha = .05										
Perlakuan	N	1	2	3	4	5	6	7	8	9	10	11
6,00	2	11,0000										
40,00	2	11,0000										
44,00	2	11,0000										
5,00	2	11,5000										
32,00	2	11,5000										
41,00	2	11,5000										
42,00	2	11,5000										
43,00	2	12,0000	12,0000									
18,00	2	12,5000	12,5000	12,5000								
4,00	2		14,0000	14,0000	14,0000							
1,00	2			14,5000	14,5000	14,5000						
7,00	2			14,5000	14,5000	14,5000						
8,00	2			14,5000	14,5000	14,5000						
9,00	2				15,0000	15,0000						
10,00	2				15,0000	15,0000						
14,00	2				15,0000	15,0000						
13,00	2				15,5000	15,5000	15,5000					
11,00	2				16,0000	16,0000	16,0000	16,0000				
12,00	2				16,0000	16,0000	16,0000	16,0000				
15,00	2					16,5000	16,5000	16,5000	16,5000			
21,00	2						17,5000	17,5000	17,5000	17,5000		
27,00	2							17,5000	17,5000	17,5000	17,5000	
29,00	2								17,5000	17,5000	17,5000	
34,00	2									17,5000	17,5000	
37,00	2										17,5000	
39,00	2											17,5000
22,00	2											18,0000
31,00	2											18,0000
33,00	2											18,0000
17,00	2											18,5000
19,00	2											18,5000
23,00	2											18,5000
26,00	2											18,5000
28,00	2											18,5000
35,00	2											18,5000
38,00	2											18,5000
24,00	2											19,0000
20,00	2											19,5000
25,00	2											19,5000
30,00	2											19,5000
36,00	2											19,5000
16,00	2											20,0000
3,00	2											22,5000
2,00	2											24,0000
Sig.		,189	,052	,066	,082	,082	,082	,086	,091	,092	,090	,123

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

1.4 Berdasarkan Jumlah Imago

ANOVA

Jumlah_Imago

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	511,955	43	11,906	21,828	,000
Within Groups	24,000	44	,545		
Total	535,955	87			

Post Hoc Tests Homogeneous Subsets

Jumlah_Imago

Duncan ^a		Subset for alpha = .05														
Perlakuan	N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
40,00	2	5,5000														
44,00	2	5,5000														
43,00	2	6,0000	6,0000													
42,00	2	6,5000	6,5000	6,5000												
41,00	2	7,0000	7,0000	7,0000	7,0000											
14,00	2		7,5000	7,5000	7,5000	7,5000										
10,00	2			8,0000	8,0000	8,0000	8,0000	8,0000								
7,00	2				8,5000	8,5000	8,5000	8,5000	8,5000							
18,00	2					8,5000	8,5000	8,5000	8,5000							
32,00	2						8,5000	8,5000	8,5000							
8,00	2							9,0000	9,0000	9,0000						
6,00	2								9,5000	9,5000	9,5000					
9,00	2									9,5000	9,5000	9,5000				
15,00	2										9,5000	9,5000	9,5000			
11,00	2								10,0000	10,0000	10,0000	10,0000				
13,00	2									10,0000	10,0000	10,0000				
12,00	2										10,0000	10,0000	10,0000			
19,00	2											10,5000	10,5000			
34,00	2												10,5000	10,5000		
5,00	2													10,5000		
17,00	2														11,0000	11,0000
21,00	2															11,0000
24,00	2															11,0000
25,00	2															11,0000
28,00	2															11,0000
30,00	2															11,0000
33,00	2															11,0000
36,00	2															11,0000
20,00	2															11,5000
22,00	2															11,5000
27,00	2															11,5000
29,00	2															11,5000
35,00	2															11,5000
37,00	2															11,5000
38,00	2															11,5000
39,00	2															11,5000
4,00	2															11,5000
23,00	2															12,0000
31,00	2															12,0000
2,00	2															12,0000
26,00	2															12,0000
1,00	2															12,5000
3,00	2															12,5000
16,00	2															13,0000
Sig.		,075	,069	,069	,080	,080	,088	,090	,090	,101	,103	,103	,103	,097	,183	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2,000.

Lampiran II Hasil Perhitungan Analisis Statistik SPSS hubungan Telur, Nimfa, Pupa dan imago

2.1 Hubungan Jumlah Telur Dengan Nimfa

Correlations

		Jumlah_Telur	Jumlah_Nimfa
Jumlah_Telur	Pearson Correlation	1	,786**
	Sig. (2-tailed)		,000
	N	88	88
Jumlah_Nimfa	Pearson Correlation	,786**	1
	Sig. (2-tailed)	,000	
	N	88	88

** . Correlation is significant at the 0.01 level (2-tailed).

2.2 Hubungan Telur Dengan Pupa

Correlations

		Jumlah_Telur	Jumlah_Pupa
Jumlah_Telur	Pearson Correlation	1	,547**
	Sig. (2-tailed)		,000
	N	88	88
Jumlah_Pupa	Pearson Correlation	,547**	1
	Sig. (2-tailed)	,000	
	N	88	88

** . Correlation is significant at the 0.01 level (2-tailed).

2.3 Hubungan jumlah telur dengan imago

Correlations

		Jumlah_Telur	Jumlah_Imago
Jumlah_Telur	Pearson Correlation	1	,247*
	Sig. (2-tailed)		,020
	N	88	88
Jumlah_Imago	Pearson Correlation	,247*	1
	Sig. (2-tailed)	,020	
	N	88	88

* . Correlation is significant at the 0.05 level (2-tailed).

2.4 Hubungan Jumlah Nimfa Dengan Pupa

Correlations

		Jumlah_ Nimfa	Jumlah_ Pupa
Jumlah_Nimfa	Pearson Correlation	1	,686**
	Sig. (2-tailed)		,000
	N	88	88
Jumlah_Pupa	Pearson Correlation	,686**	1
	Sig. (2-tailed)	,000	
	N	88	88

** . Correlation is significant at the 0.01 level (2-tailed).

2.5 Hubungan Jumlah Nimfa Dengan Imago

Correlations

		Jumlah_ Nimfa	Jumlah_ Imago
Jumlah_Nimfa	Pearson Correlation	1	,461**
	Sig. (2-tailed)		,000
	N	88	88
Jumlah_Imago	Pearson Correlation	,461**	1
	Sig. (2-tailed)	,000	
	N	88	88

** . Correlation is significant at the 0.01 level (2-tailed).

2.6 Hubungan Jumlah Pupa Dengan Imago

Correlations

		Jumlah_ Pupa	Jumlah_ Imago
Jumlah_Pupa	Pearson Correlation	1	,680**
	Sig. (2-tailed)		,000
	N	88	88
Jumlah_Imago	Pearson Correlation	,680**	1
	Sig. (2-tailed)	,000	
	N	88	88

** . Correlation is significant at the 0.01 level (2-tailed).

Lampiran III Data Hasil Pengamatan Skor Daun
3.1 Data Hasil Pengamatan Skor Daun Ulangan 1

Nomor galur	Σ daun	skor daun 0-4					Σ skor 1-4	Σ daun*4	Hsl %
		0	1	2	3	4			
1	46	0	8	20	18	0	102	184	55.43
2	36	0	2	18	16	0	86	144	59.72
3	47	0	1	15	15	16	140	188	74.47
4	39	0	1	20	18	0	95	156	60.90
5	52	0	3	24	23	2	128	208	61.54
6	36	0	9	11	16	0	79	144	54.86
7	46	0	8	16	15	7	113	184	61.41
8	38	0	3	19	16	0	89	152	58.55
9	45	0	6	23	16	0	100	180	55.56
10	52	0	3	20	25	4	134	208	64.42
11	55	0	3	20	19	13	152	220	69.09
12	50	0	2	21	25	2	127	200	63.50
13	43	0	5	22	14	2	99	172	57.56
14	39	0	5	18	12	4	93	156	59.62
15	51	0	11	18	19	3	116	204	56.86
16	40	0	4	6	14	16	122	160	76.25
17	37	0	0	8	15	14	117	148	79.05
18	47	0	12	5	15	15	127	188	67.55
19	37	0	3	4	18	12	113	148	76.35
20	43	0	3	5	20	15	133	172	77.33
21	49	0	1	5	25	18	158	196	80.61
22	54	0	11	8	18	17	149	216	68.98
23	49	0	3	7	24	15	149	196	76.02
24	42	0	0	14	16	12	124	168	73.81
25	48	0	7	9	16	16	137	192	71.35
26	39	0	5	6	15	13	114	156	73.08
27	35	0	5	5	13	12	102	140	72.86
28	54	0	5	8	25	16	160	216	74.07
29	42	0	3	7	16	16	129	168	76.79
30	38	0	6	4	16	12	110	152	72.37
31	50	0	6	9	18	17	146	200	73.00
32	39	0	0	14	13	12	115	156	73.72
33	39	0	0	5	19	15	127	156	81.41
34	44	0	3	12	15	14	128	176	72.73
35	46	0	12	5	15	14	123	184	66.85
36	44	0	0	10	20	14	136	176	77.27
37	52	0	1	10	24	17	161	208	77.40

Lanjutan 3.1 Data Hasil Pengamatan Skor Daun Ulangan 1

Nomor galur	Σ daun	skor daun 0-4					Σ skor 1-4	Σ daun*4	Hsl %
		0	1	2	3	4			
38	54	0	1	7	27	19	172	216	79.63
39	42	0	0	6	21	15	135	168	80.36
40	36	0	17	17	0	2	59	144	40.97
41	39	0	15	17	1	6	76	156	48.72
42	42	0	18	16	0	8	82	168	48.81
43	49	0	16	22	1	10	103	196	52.55
44	41	0	13	16	8	4	85	164	51.83

3.2 Data Hasil Pengamatan Skor Daun Ulangan II

Nomer galur	Σ daun	skor daun 0-4					Σ skor 1-4	Σ daun*4	Hsl %
		0	1	2	3	4			
1	37	0	2	16	15	4	95	148	64.19
2	37	0	3	15	15	4	94	148	63.51
3	39	0	3	18	13	5	98	156	62.82
4	42	0	2	20	14	6	108	168	64.29
5	43	0	0	16	17	10	123	172	71.51
6	53	0	1	22	22	8	143	212	67.45
7	45	0	3	20	22	0	109	180	60.56
8	48	0	6	21	20	1	112	192	58.33
9	39	0	0	17	18	4	104	156	66.67
10	42	0	11	16	12	3	91	168	54.17
11	46	0	0	22	22	2	118	184	64.13
12	51	0	5	22	18	6	127	204	62.25
13	51	0	7	17	15	12	134	204	65.69
14	52	0	12	18	20	2	116	208	55.77
15	47	0	8	19	14	6	112	188	59.57
16	46	0	0	5	23	18	151	184	82.07
17	40	0	0	6	19	15	129	160	80.63
18	55	0	2	12	19	22	171	220	77.73
19	55	0	1	8	28	18	173	220	78.64
20	52	0	4	12	18	18	154	208	74.04
21	47	0	3	7	20	17	145	188	77.13
22	43	0	6	6	16	15	126	172	73.26
23	40	0	7	4	16	13	115	160	71.88
24	38	0	2	6	17	13	117	152	76.97
25	49	0	2	9	23	15	149	196	76.02
26	51	0	1	10	25	15	156	204	76.47
27	55	0	2	8	25	20	173	220	78.64
28	39	0	0	10	18	11	118	156	75.64
29	37	0	2	8	16	11	110	148	74.32
30	37	0	5	4	16	12	109	148	73.65
31	46	0	7	7	14	18	135	184	73.37
32	43	0	0	7	21	15	137	172	79.65
33	52	0	1	18	16	17	153	208	73.56
34	50	0	4	8	19	19	153	200	76.50
35	37	0	2	5	17	13	115	148	77.70
36	41	0	6	7	14	14	118	164	71.95
37	42	0	3	7	16	16	129	168	76.79
38	52	0	5	11	20	16	151	208	72.60
39	38	0	2	8	17	11	113	152	74.34
40	51	0	23	25	1	2	84	204	41.18
41	55	0	19	19	2	15	123	220	55.91

Lanjutan 3.2 Data Hasil Pengamatan Skor Daun Ulangan II

Nomer galur	Σ daun	skor daun 0-4					Σ skor 1-4	Σ daun*4	Hsl %
		0	1	2	3	4			
42	47	0	24	19	0	4	78	188	41.49
43	41	0	16	15	8	2	78	164	47.56
44	54	0	23	25	5	1	92	216	42.59

**Lampiran IV Data Kategori Ketahanan 44 jenis kedelai terhadap Kutu kebul
berbagai stadia**

No	Nama jenis kedelai	Telur	Nimfa	Pupa	Imago
1	Anjasmoro/Malabar-8-3	AT	AT	AT	SR
2	Anjasmoro/Malabar-18-5	AT	AT	SR	R
3	Malabar/Anjasmoro-145-1	ST	AT	SR	SR
4	Malabar/Anjasmoro-152-1	ST	AT	AT	R
5	Malabar/Anjasmoro-154-3	T	AT	T	R
6	Argomulyo/Anjasmoro230-2	AT	ST	T	AT
7	Sinabung/Anjasmoro-512-2	AT	AT	AT	AT
8	Sinabung/Malabar-559-3	AT	AT	AT	AT
9	Sinabung/Malabar-560-1	AT	R	AT	AT
10	Sinabung/L.Jateng-582-1	AT	AT	AT	T
11	Sinabung/L.Jateng-599-1	R	AT	AT	AT
12	Sinabung/L.Jateng-608-1	R	R	AT	R
13	Anjasmoro	R	AT	AT	AT
14	Sinabung/L.Jateng-653-3	AT	AT	AT	T
15	Argomulyo/Sinabung-708-1	AT	AT	R	AT
16	Argomulyo/Sinabung-801-1	AT	AT	SR	SR
17	Malabar/Sinabung-915-3	SR	R	R	R
18	Malabar/Sinabung-916-1	T	T	T	AT
19	L.Jateng/Sinabung-972	R	R	R	R
20	L.Jateng/ Sinabung-987-1	SR	SR	R	R
21	L. Jateng/Sinabung-1000-9	R	R	R	R
22	Burangrang	R	SR	R	R
23	Wilis	SR	R	R	R
24	L. Jateng/Sinabung-1019-3	R	R	R	R
25	L. Jateng/Sinabung-1022-1	R	SR	R	R
26	L. Jateng/Sinabung-1026-4	R	R	R	SR
27	L. Jateng/Sinabung-1032-1	R	R	R	R
28	L.Jateng/Sinabung-1032-3	R	R	R	R
29	L.Jateng/Sinabung-1032-8	R	R	R	R
30	L. Jateng/Sinabung 1036-1	R	R	R	R
31	L.Jateng/Sinabung-1037-3	R	R	AT	R
32	L.Jateng/Sinabung-1040-1	T	T	T	AT
33	L.Jateng/Sinabung-1047	R	R	R	R
34	L. Jateng/Sinabung-1062-1	R	R	R	R
35	L. Jateng/Sinabung-1062-2	R	R	R	R
36	Baluran	R	R	R	R
37	G 100 H/9305/IAC-100	R	R	R	R
38	G 100 H/9305/IAC-100	R	R	R	R
39	G 100 H/9305/IAC-100	R	R	R	R

40	Kaba/ IAC-100/ Burangrang	T	ST	T	ST
41	IAC-100/ Burangrang	T	T	T	T

Lanjutan lampiran IV Data Kategori Ketahanan 44 jenis kedelai terhadap Kutu kebul
berbagai stadia

No	Nama jenis kedelai	Telur	Nimfa	Pupa	Imago
42	IAC-100/ Burangrang	AT	T	T	T
43	IAC-100/ Burangrang	T	T	T	T
44	IAC-100/ Burangrang	AT	T	T	ST