

LAMPIRAN

Lampiran 1. Layout Penelitian

<table border="1"> <tr> <td data-bbox="325 479 427 555">P2U2</td> <td data-bbox="427 479 529 555">P1U2</td> <td data-bbox="529 479 632 555">P0U2</td> <td data-bbox="632 479 734 555">P4U1</td> <td data-bbox="734 479 836 555">P3U3</td> </tr> </table>	P2U2	P1U2	P0U2	P4U1	P3U3	<table border="1"> <tr> <td data-bbox="927 479 1029 555">P3U1</td> <td data-bbox="1029 479 1131 555">P1U3</td> <td data-bbox="1131 479 1233 555">P0U3</td> <td data-bbox="1233 479 1335 555">P4U2</td> <td data-bbox="1335 479 1437 555">P3U2</td> </tr> </table>	P3U1	P1U3	P0U3	P4U2	P3U2
P2U2	P1U2	P0U2	P4U1	P3U3							
P3U1	P1U3	P0U3	P4U2	P3U2							
<table border="1"> <tr> <td data-bbox="325 703 427 779">P0U1</td> <td data-bbox="427 703 529 779">P4U3</td> <td data-bbox="529 703 632 779">P2U1</td> <td data-bbox="632 703 734 779">P1U1</td> <td data-bbox="734 703 836 779">P2U3</td> </tr> </table>	P0U1	P4U3	P2U1	P1U1	P2U3						
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Keterangan:

P0 : 0% serbuk daun srikaya (kontrol)

P1 : 2 % serbuk daun srikaya

P2 : 4 % serbuk daun srikaya

P3 : 6 % serbuk daun srikaya

P4 : 0,9 mg phostoxin

U1, U2, U3 : Ulangan

Lampiran 2. Kebutuhan Biji Kacang Hijau

Diketahui:

Banyak perlakuan : 5 perlakuan

Banyak ulangan : 3 Ulangan

Jumlah sampel : 3 Sampel/Perlakuan

Kacang hijau/sampel : 100 gram

Kebutuhan Kacang Hijau = Total Perlakuan x 100 gram

= 45 x 100 gram

= 4,5kg

Lampiran 3. Kebutuhan Serbuk Daun Srikaya

Diketahui:

Perlakuan : $(2\% + 4\% + 6\%) \times 100$ gram

: $12\% \times 100$ gram

: 12 gram

Total Serbuk : Perlakuan x Ulangan x Sampel

: 12 gram x 3 x 3

: 108 gram

Cadangan : $25\% \times 108$ gram

: 27 gram

Total Kebutuhan : 135 gram

Lampiran 4. Kebutuhan Phostoxin

Diketahui :

Takaran Phostoxin : 3 tablet/ton @tablet = 3 gram

Dosis Phostoxin = 3 x 3gram/ton = 9 gram/ton

$$\frac{9 \text{ gram}}{\text{ton}} = \frac{9 \text{ gram}}{1000 \text{ kg}} = \frac{0,009 \text{ gram}}{1 \text{ kg}} = \frac{0,009 \text{ gram}}{1000 \text{ gram}} = \frac{0,0009 \text{ gram}}{100 \text{ gram}}$$

Kebutuhan phostoxin/100 gram = 0,0009 gram = 0,9 miligram

Lampiran 5. Tabel Hasil Sidik Ragam

a. Mortalitas

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	3173.139493	793.284873	67.90	<.0001 s
Model	4	3173.139493	793.284873	67.90	<.0001 s
Error	10	116.825200	11.682520		
Corrected Total	14	3289.964693			
R-Square		Coeff Var	Root MSE	Mortalitas Mean	
0.964490		9.904098	3.417970	34.51067	

s : *Significant* (Beda Nyata)

b. Efikasi

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	5632.303827	1408.075957	72.35	<.0001 s
Model	4	5632.303827	1408.075957	72.35	<.0001 s
Error	10	194.631067	19.463107		
Corrected Total	14	5826.934893			
R-Square		Coeff Var	Root MSE	Efikasi Mean	
0.966598		17.47947	4.411701	25.23933	

s : *Significant* (Beda Nyata)

c. Jumlah Larva Menetas

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	0.00046028	0.00011507	6.60	0.0072 s
Model	4	0.00046028	0.00011507	6.60	0.0072 s
Error	10	0.00017433	0.00001743		
Corrected Total	14	0.00063461			
R-Square		Coeff Var	Root MSE	Larva Mean	
0.725301		27.24170	0.004175	0.015327	

s : *Significant* (Beda Nyata)

d. Susut Bobot Benih

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	0.02290173	0.00572543	1.09	0.4123 ns
Model	4	0.02290173	0.00572543	1.09	0.4123 ns
Error	10	0.05251600	0.00525160		
Corrected Total	14	0.07541773			
R-Square		Coeff Var	Root MSE	Susut Mean	
0.303665		31.94296	0.072468	0.226867	

ns : *Non Significant* (Tidak Beda Nyata)

e. Kadar Air

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	0.08805894	0.02201473	1.08	0.4148 ns
Model	4	0.08805894	0.02201473	1.08	0.4148 ns
Error	10	0.20304478	0.02030448		
Corrected Total	14	0.29110372			
R-Square		Coeff Var	Root MSE	KA Mean	
0.302500		14.40621	0.142494	0.989113	

ns : *Non Significant* (Tidak Beda Nyata)

f. Daya Kecambah

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Perl	4	0.01750973	0.00437743	6.48	0.0077 s
Model	4	0.01750973	0.00437743	6.48	0.0077 s
Error	10	0.00675600	0.00067560		
Corrected Total	14	0.02426573			
R-Square		Coeff Var	Root MSE	Kecambah Mean	
0.721583		2.743348	0.025992	0.947467	

s : *Significant* (Beda Nyata)

g. Indeks Vigor

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	199.6567067	49.9141767	4.43	0.0257 s
Perl	4	199.6567067	49.9141767	4.43	0.0257 s
Error	10	112.7676667	11.2767667		
Corrected Total	14	312.4243733			
R-Square		Coeff Var	Root MSE	Vigor Mean	
0.639056		14.78596	3.358090	22.71133	

s : *Significant* (Beda Nyata)

h. Kecepatan Berkecambah

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	0.01750973	0.00437743	6.48	0.0077 s
Perl	4	0.01750973	0.00437743	6.48	0.0077 s
Error	10	0.00675600	0.00067560		
Corrected Total	14	0.02426573			
R-Square		Coeff Var	Root MSE	Kecepatan Mean	
0.721583		2.743348	0.025992	0.947467	

s : *Significant* (Beda Nyata)

Lampiran 6. Deskripsi kacang hijau varietas vima 1

VIMA-1

Dilepas tahun	: 2008
SK Menteri Pertanian	: No 833/Kpts/SR.120/6/2008
Nama galur	: MMC 157d-Kp-1
Asal	: Persilangan buatan tahun 1996
Tetua jantan	: VC 1973 A
Tetua betina	: VC 2750A
Potensi hasil	: 1,76 t/ha
Rata-rata hasil	: 1,38 t/ha
Warna hipokotil	: Hijau
Warna daun	: Hijau
Umur berbunga 50%	: 33 hari
Umur masak 80%	: 57 hari
Warna bunga	: Kuning
Warna polong muda	: Hijau
Warna polong masak	: Hitam
Tinggi tanaman	: 53 cm
Tipe tanaman	: determinit
Warna biji	: hijau kusam
Bobot 100 butir	: 6,3 g
Kadar protein	: 28,02 % basis kering
Kadar lemak	: 0,40 % basis kering
Kadar pati	: 67,62 % basis kering
Ketahanan penyakit	: Tahan penyakit embun tepung
Pemulia	: M. Anwari, Rudi I swanto, RudySoehendi, Hadi Purnomo, dan Agus Supeno
Fitopatologis	: Sumartini (BALITKABI, 2016).

Lampiran 7. Dokumentasi penelitian.



a. Pemotongan daun srikaya



b. Penghalusan daun srikaya



c. Pengayakan serbuk daun srikaya



d. Serbuk daun srikaya



e. Penimbangan benih kacang hijau



f. Penimbangan serbuk daun srikaya



g. Aplikasi serbuk daun srikaya



h. Uji kadar air



i. Pengamatan perkecambahan benih



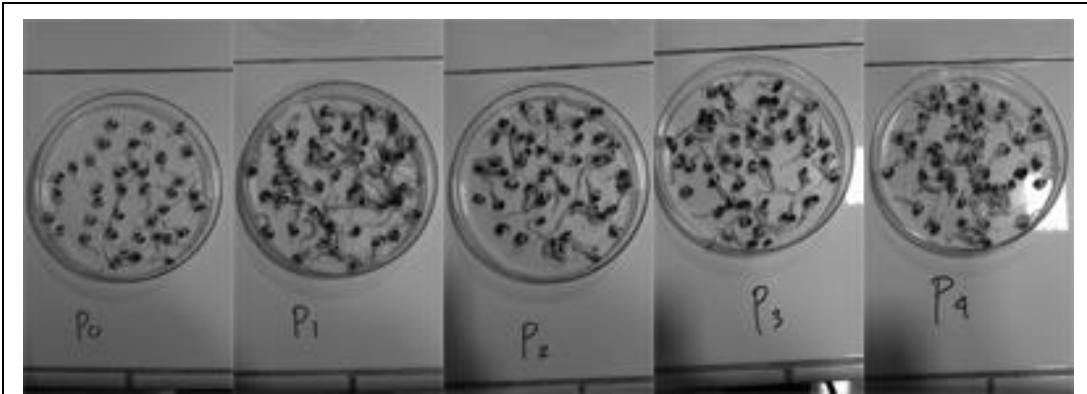
j. Benih busuk atau rusak



k. Hama *Tribolium* sp. yang mati hasil perlakuan phostoxin



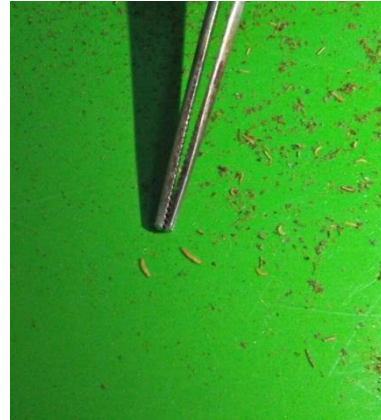
l. Hama *Tribolium* sp. yang mati hasil perlakuan serbuk daun srikaya



m. Pengamatan mutu benih



n. Serangan *Tribolium sp.*



o. Larva hama *Tribolium sp.*