LAMPIRAN

Lampiran 1. *Layout* Penelitian

A U1S1	**E U1S1**	**A U3S3**	**D U3S1**	**E U2S2**
C U3S2	**C U2S2**	**A U3S1**	**B U3S3**	**C U1S1**
C U2S1	**B U3S2**	**B U3S1**	**D U1S3**	**D U2S1**
B U1S2	**C U1S2**	**E U1S3**	**E U2S1**	**E U3S3**
C U3S1	**A U3S2**	**C U2S3**	**D U2S2**	**E U3S2**
A U1S2	**A U2S2**	**A U2S3**	**D U2S3**	**E U3S1**
C U2S3	**B U1S3**	**D U3S2**	**B U2S1**	**B U1SI**
E U1S2	**B U2S2**	**D U1S1**	**D UIS2**	**E U2S3**
C U1S3	**B U2S3**	**D U3S3**	**A U2S1**	**A U1S3**

Keterangan :

A : 0 gram serbuk + 100 gram jagung (kontrol)

B : 5 gram serbuk + 100 gram jagung

C : 10 gram serbuk + 100 gram jagung

D : 15 gram serbuk + 100 gram jagung

E : 0,0009 gram phostoxin + 100 gram jagung

U1, U2, U3 = ulangan perlakuan

S1, S2, S3 = sampel ulangan dalam perlakuan

Lampiran 2. Jumlah Kebutuhan Bahan Serbuk, Jagung, Hama dan Phostoxin

1. Jumlah total serbuk
   - 5 gram = 5 gram serbuk daun sukun x 9 sampel
     = 45 gram
   - 10 gram = 10 gram serbuk daun sukun x 9 sampel
     = 90 gram
   - 15 gram = 15 gram serbuk daun sukun x 9 sampel
     = 135 gram

   Total = 45 gram + 90 gram + 135 gram
   = 270 gram serbuk daun sukun
2. Jumlah total jagung

   100 gram jagung x 45 sampel = 4500 gram (4,5 kg)
3. Jumlah total hama

   10 ekor *Sitophilus zeamais* x 45 sampel = 450 ekor

1. Jumlah dosis phostoxin tiap perlakuan

   Dosis phostoxin = 3-5 tablet/ton

   Berat 1 tablet = 3,1 gram

   Kebutuhan phostoxin = dosis phostoxin x berat 1 tablet
   = 3 x 3,1 gram
   = 9,3 gram

   Kebutuhan tiap perlakuan

   $$\frac{\text{Dosis phostoxin}}{1000\text{ kg}} = \frac{\text{x gram}}{1\text{ kg}}$$

   $$\frac{9{,}3\text{ gram}}{1000\text{ gram}} = \frac{\text{x gram}}{1\text{ kg}}$$

   $$\frac{9{,}3\text{ gram x 1 kg}}{1000\text{ kg}} = \text{x gram}$$

   0,0093 gram = perlakuan/kg

   $$\frac{9{,}3\text{ gram}}{1000\text{ gram}} = \frac{\text{perlakuan}}{1000\text{ gram}}$$

$$\frac{\text{Perlakuan}}{100\text{ gram}} = \frac{0{,}0093\text{ gram} : 10}{1000\text{ gram} : 10}$$

Perlakuan = 0,00093 gram/100 gram

Lampiran 3. Sidik Ragam Mortalitas, Efikasi dan Kecepatan Kematian

a. Mortalitas hama *Sitophilus zeamais* hari ke-27

Source	DF	Sum of quares	Mean Square	F value	Pr>F
Model	4	18048.88889	4512.22222	85.80	<.0001 s
Perl	4	18048.88889	4512.22222	85.80	<.0001 s
Error	10	525.92593	52.59259		
Corrected Total	14	18574.81482			
R-Square		Coeff Var	Root MSE	Mortalitas hari-27 Mean	
0.971686		11.53157	7.252075	62.88889	

Keterangan : s (signifikan)

b. Efikasi hama *Sitophilus zeamais* hari ke-27

Source	DF	Sum of quares	Mean Square	F value	Pr>F
Model	4	18048.88889	4512.22222	85.80	<.0001 s
Perl	4	18048.88889	4512.22222	85.80	<.0001 s
Error	10	525.92593	52.59259		
Corrected Total	14	18574.81482			
R-Square		Coeff Var	Root MSE	Efikasi hari-27 Mean	
0.971686		11.53157	7.252075	62.88889	

Keterangan : s (signifikan)

c. Kecepatan kematian hama *Sitophilus zeamais*

Source	DF	Sum of quares	Mean Square	F value	Pr>F
Model	4	2.21587239	0.55396810	5.78	<.0113 s
Perl	4	2.21587239	0.55396810	5.78	<.0113 s
Error	10	0.95804740	0.09580474		
Corrected Total	14	3.17391979			
R-Square		Coeff Var	Root MSE	Kec. kematian Mean	
0.698150		21.00878	0.309523	1.473305	

Keterangan : s (signifikan)

Lampiran 4. Dokumentasi Penelitian

a. Pembersihan daun sukun

b. Penjemuran jagung

c. Penghalusan daun sukun

d. Pengayakan serbuk daun sukun

e. Penimbangan serbuk daun sukun

f. Penimbangan jagung

g. Aplikasi serbuk daun sukun

h. Pengamatan

i. Proses memasak jagung

j. Jagung sesudah dimasak

k. Uji kualitas jagung

l. Serangan *Sitophilus zeamais*