Lampiran 1. Cara Menghitung Konidia Jamur *B. bassiana*

Kerapatan konidia jamur *B. bassiana* dihitung dengan menggunakan haemocytometer, dengan cara:

- Dambil biakan jamur dalam bentuk tepung/serbuk sebanyak 1 gram
- Dicampurkan dengan air sebanyak 9 ml lalu dimasukkan ke dalam tabung reaksi
- Setelah itu di shaker selama ± 15 menit dengan kecepatan 300 rpm agar konidianya lepas dan campurannya homogen
- lalu suspensi tersebut diambil dengan pipet tetes kemudian diteteskan ke haemocytometer 1 tetes, lalu ditutup dengan cover glass dan didiamkan selama beberapa menit agar suspensi jamur menyebar rata
- lalu diletakkan di bawah mikroskop kemudian dihitung jumlah konidianya
- dari hasil pengamatan diperoleh jumlah konidia pada kotak sample sebagai berikut:

  Kotak sample I = 98 konidia
  Kotak sample II = 95 konidia
  Kotak sample III = 101 konidia
  Kotak sample IV = 99 konidia
  Kotak sample V = 97 konidia

  Jumlah = 490 konidia
Kemudian dihitung kerapatan konidia dengan menggunakan rumus

\[ C = \frac{txd}{0.25xn} \times 10^6 \]

Keterangan:

- \( C \) = kerapatan konidia
- \( t \) = banyaknya konidia yang dihitung
- \( n \) = banyaknya kotak kecil yang diamati
- \( d \) = faktor pengencer

\[ C = \frac{490 \times 10}{0.25 \times 80} \times 10^6 \]

\[ = 2.45 \times 10^8 \text{ konidia/ml} \]
Lampiran 2. Data pengamatan mortalitas larva 2 HSA

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Keterangan:  
- "tn" = Tidak nyata  
- "*" = nyata  
- "**" = sangat nyata  

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 thúc Universitas Sumatera Utara
Lampiran 3. Data pengamatan mortalitas larva 3 HSA

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Universitas Sumatera Utara
Analisa sidik ragam

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Universitas Sumatera Utara
Data transformasi ke dalam Arcsin Vp

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- * nyata
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**c**

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d
Lampiran 5. Data pengamatan mortalitas larva 5 HSA

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Universitas Sumatera Utara
Data transformasi ke dalam Arccsin Vp

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* nyata
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Uji jarak duncan

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Universitas Sumatera Utara
### Analisa sidik ragam

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** nyata  
*** sangat nyata

#### Uji jarak duncan

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Universitas Sumatera Utara
Lampiran 8. Data pengamatan persentase pupa menjadi imago

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<td><strong>506.65</strong></td>
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<tr>
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<td><strong>22.55</strong></td>
<td><strong>15.83</strong></td>
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### Daftar tabel dwikasta transformasi \( V_x \)

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<th>B/T</th>
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<th>T2</th>
<th>T3</th>
<th>Total</th>
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<tbody>
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<td>T</td>
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Universitas Sumatera Utara
Analisa sidik ragam

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<th>db</th>
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<th>KT</th>
<th>Fhit</th>
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<td>2521.980</td>
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FK = 8021.697435
KK = 85.82 %

Keterangan:  
- tn = Tidak nyata  
- * = nyata  
- ** = sangat nyata

Uji jarak duncan

Faktor B

\[
\text{Sy} = 6.79
\]

\[
P \quad 2 \quad 3 \quad 4 \\
\hline
\text{R.05} & 3.00 & 3.15 & 3.23 \\
\text{Sy.05} & 20.38 & 21.40 & 21.94 \\
\text{Perlakuan} & \text{B3} & \text{B2} & \text{B1} & \text{B0} \\
\text{Rataan} & 0.91 & 4.11 & 18.42 & 39.89 \\
\hline
\]

a
b