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# LAMPIRAN

Lampiran 1. Tata Waktu Penelitian

| No. | Tanggal                          | Kegiatan  |
|-----|----------------------------------|---|
| 1   | 04 Agustus - 03 September 2022   | Pembuatan Proposal  |
| 2   | 04 September - 11 September 2022 | Pengambilan Sampel  |
| 3   | 12 September - 26 September 2022 | Pengamatan Pada Sampel Yang Telah Disemprot Oleh Insektisida Dan Pengamatan Morfologi Hama Ulat Penggulung Daun |

Lampiran 2. Alat dan Bahan Penelitian



Sarung Tangan



Suntik



Label



Gelas Ukur



Hand Sprayer



Bibit Eucalyptus



Confidor 200 SL



Glido200/18 EC

Lanjutan Lampiran 2



Minecto Xtra 200/200 SC



Seclira 40 SG



Bahan Perekat CBA Stick

Lampiran 3. Pengambilan Sampel Bibit *Eucalyptus hybrid* Yang Terserang Hama Ulat Penggulung Daun



a. Pengambilan sampel



a. Bibit yang terserang

#### Lampiran 4. Pengaplikasian Insektisida



Lampiran 5. Pengamatan Hama Ulat Penggulung Daun (*Strepsicrates sp.*)





Lampiran 6. Data Kematian Ulat Penggulung Daun Perharinya

| Perlakuan           | Ulangan | Jumlah Sampel | Hari ke- |    |   |   |   |   |   | total mati | total hidup |
|---------------------|---------|---------------|----------|----|---|---|---|---|---|------------|-------------|
|                     |         |               | 1        | 2  | 3 | 4 | 5 | 6 | 7 |            |             |
| Minecto Xtra 1 ml   | 1       | 15            | 7        | 2  | 1 | 0 | 5 | 0 | 0 | 15         | 0           |
|                     | 2       | 15            | 5        | 2  | 2 | 2 | 2 | 0 | 0 | 13         | 2           |
|                     | 3       | 15            | 2        | 10 | 0 | 0 | 2 | 0 | 1 | 15         | 0           |
| Minecto Xtra 1,5 ml | 1       | 15            | 10       | 0  | 3 | 2 | 0 | 0 | 0 | 15         | 0           |
|                     | 2       | 15            | 6        | 3  | 1 | 5 | 0 | 0 | 0 | 15         | 0           |
|                     | 3       | 15            | 4        | 8  | 1 | 2 | 0 | 0 | 0 | 15         | 0           |
| Seclira 1 ml        | 1       | 15            | 11       | 3  | 0 | 0 | 1 | 0 | 0 | 15         | 0           |
|                     | 2       | 15            | 7        | 2  | 1 | 0 | 0 | 0 | 0 | 10         | 5           |
|                     | 3       | 15            | 2        | 5  | 0 | 0 | 5 | 0 | 0 | 12         | 3           |
| Seclira 1,5 ml      | 1       | 15            | 7        | 6  | 0 | 0 | 0 | 0 | 0 | 13         | 2           |
|                     | 2       | 15            | 10       | 3  | 2 | 0 | 0 | 0 | 0 | 15         | 0           |
|                     | 3       | 15            | 8        | 5  | 2 | 0 | 0 | 0 | 0 | 15         | 0           |
| Glido 1 ml          | 1       | 15            | 10       | 0  | 0 | 0 | 5 | 0 | 0 | 15         | 0           |
|                     | 2       | 15            | 8        | 7  | 0 | 0 | 0 | 0 | 0 | 15         | 0           |
|                     | 3       | 15            | 6        | 8  | 0 | 0 | 0 | 0 | 0 | 14         | 1           |
| Glido 1,5 ml        | 1       | 15            | 13       | 0  | 0 | 0 | 0 | 0 | 0 | 13         | 2           |
|                     | 2       | 15            | 15       | 0  | 0 | 0 | 0 | 0 | 0 | 15         | 0           |
|                     | 3       | 15            | 15       | 0  | 0 | 0 | 0 | 0 | 0 | 15         | 0           |
| Confidor 1 ml       | 1       | 15            | 3        | 2  | 1 | 0 | 0 | 0 | 0 | 6          | 9           |
|                     | 2       | 15            | 8        | 3  | 1 | 0 | 2 | 0 | 0 | 14         | 1           |
|                     | 3       | 15            | 10       | 3  | 0 | 0 | 0 | 0 | 0 | 13         | 2           |
| Confidor 1,5 ml     | 1       | 15            | 2        | 2  | 2 | 0 | 0 | 0 | 0 | 6          | 9           |
|                     | 2       | 15            | 7        | 3  | 1 | 0 | 3 | 0 | 0 | 14         | 1           |
|                     | 3       | 15            | 8        | 0  | 0 | 0 | 3 | 0 | 0 | 11         | 4           |

Lampiran 7. Data Persentase Mortalitas Hama Ulat Penggulung Daun Perharinya

| Insektisida  | dosis     | H1    | H2    | H3    | H4    | H5    | H6    | H7    |
|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|
| Minecto Xtra | 1 ml/ltr  | 46,67 | 60,00 | 66,67 | 66,67 | 100   | 100   | 100   |
| Minecto Xtra | 1 ml/ltr  | 33,33 | 46,67 | 60,00 | 73,33 | 86,67 | 86,67 | 86,67 |
| Minecto Xtra | 1 ml/ltr  | 13,33 | 80,00 | 80,00 | 80,00 | 93,33 | 93,33 | 100   |
| Minecto Xtra | 1.5ml/ltr | 66,67 | 66,67 | 86,67 | 100   | 100   | 100   | 100   |
| Minecto Xtra | 1.5ml/ltr | 40,00 | 60,00 | 66,67 | 100   | 100   | 100   | 100   |
| Minecto Xtra | 1.5ml/ltr | 26,67 | 80,00 | 86,67 | 100   | 100   | 100   | 100   |
| Seclira      | 1 ml/ltr  | 73,33 | 93,33 | 93,33 | 93,33 | 100   | 100   | 100   |
| Seclira      | 1 ml/ltr  | 46,67 | 60,00 | 66,67 | 66,67 | 66,67 | 66,67 | 66,67 |
| Seclira      | 1 ml/ltr  | 13,33 | 46,67 | 46,67 | 46,67 | 80,00 | 80,00 | 80,00 |
| Seclira      | 1.5ml/ltr | 46,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 |
| Seclira      | 1.5ml/ltr | 66,67 | 86,67 | 100   | 100   | 100   | 100   | 100   |
| Seclira      | 1.5ml/ltr | 53,33 | 86,67 | 100   | 100   | 100   | 100   | 100   |
| Glido        | 1 ml/ltr  | 66,67 | 66,67 | 66,67 | 66,67 | 100   | 100   | 100   |
| Glido        | 1 ml/ltr  | 53,33 | 100   | 100   | 100   | 100   | 100   | 100   |
| Glido        | 1 ml/ltr  | 40,00 | 93,33 | 93,33 | 93,33 | 93,33 | 93,33 | 93,33 |
| Glido        | 1.5ml/ltr | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 |
| Glido        | 1.5ml/ltr | 100   | 100   | 100   | 100   | 100   | 100   | 100   |
| Glido        | 1.5ml/ltr | 100   | 100   | 100   | 100   | 100   | 100   | 100   |
| Confidor     | 1 ml/ltr  | 20,00 | 33,33 | 40,00 | 40,00 | 40,00 | 40,00 | 40,00 |
| Confidor     | 1 ml/ltr  | 53,33 | 73,33 | 80,00 | 80,00 | 93,33 | 93,33 | 93,33 |
| Confidor     | 1 ml/ltr  | 66,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 | 86,67 |
| Confidor     | 1.5ml/ltr | 13,33 | 26,67 | 40,00 | 40,00 | 40,00 | 40,00 | 40,00 |
| Confidor     | 1.5ml/ltr | 46,67 | 66,67 | 73,33 | 73,33 | 93,33 | 93,33 | 93,33 |
| Confidor     | 1.5ml/ltr | 53,33 | 53,33 | 53,33 | 53,33 | 73,33 | 73,33 | 73,33 |

Lampiran 8. Grafik Laju Mortalitas Hama Ulat Penggulung Daun

