

Lampiran 01: Tabel Jumlah Kebutuhan Daun Murbei Sebagai Pakan Ulat Sutera.

| Instar | Hari | Makan 3x | | | Keterangan |
|--------|------|-------------|-----------------|-----------------------|------------|
| | | Waktu (Jam) | Berat Daun (gr) | Total Berat Daun (gr) | |
| I | 1 | 09.00 | 1.09 | 3.69 | 100 ulat |
| | | 13.00 | 0.89 | | |
| | | 19.00 | 1.71 | | |
| | 2 | 07.00 | 1.51 | 3.84 | |
| | | 13.00 | 0.96 | | |
| | | 19.00 | 1.73 | | |
| | 3 | 07.00 | 1.25 | 4.15 | |
| | | 13.00 | 1.05 | | |
| | | 19.00 | 1.85 | | |
| | 4 | 07.00 | 1.60 | 4.40 | |
| | | 13.00 | 1.30 | | |
| | | 19.00 | 1.50 | | |
| II | 1 | 07.00 | 2.50 | 15.27 | |
| | | 13.00 | 5.79 | | |
| | | 19.00 | 6.98 | | |
| | 2 | 07.00 | 6.98 | 23.20 | |
| | | 13.00 | 5.79 | | |
| | | 19.00 | 10.43 | | |
| | 3 | 07.00 | 12.24 | 28.77 | |
| | | 13.00 | 6.10 | | |
| | | 19.00 | 10.43 | | |
| | 4 | 07.00 | 5.00 | 12.50 | |
| | | 13.00 | 2.50 | | |
| | | 19.00 | 5.00 | | |
| III | 1 | 07.00 | 9.00 | 22.48 | |
| | | 13.00 | 7.50 | | |
| | | 19.00 | 13.50 | | |
| | 2 | 07.00 | 9.00 | 30.00 | |
| | | 13.00 | 7.50 | | |
| | | 19.00 | 13.50 | | |
| | 3 | 07.00 | 9.53 | 31.81 | |
| | | 13.00 | 7.95 | | |
| | | 19.00 | 14.33 | | |

Lampiran 01: Tabel Jumlah Kebutuhan Daun Murbei Sebagai Pakan Ulat Sutera.
(lanjutan)

| Instar | Hari | Makan 3x | | | Keterangan |
|--------|------|-------------|-----------------|-----------------------|------------|
| | | Waktu (Jam) | Berat Daun (gr) | Total Berat Daun (gr) | |
| III | 4 | 09.00 | 7.50 | 18.01 | 60 ulat |
| | | 13.00 | 6.98 | | |
| | | 19.00 | 3.53 | | |
| IV | 1 | 07.00 | 27.00 | 90.00 | 50 ulat |
| | | 13.00 | 24.00 | | |
| | | 19.00 | 39.00 | | |
| | 2 | 07.00 | 21.60 | 70.70 | |
| | | 13.00 | 16.70 | | |
| | | 19.00 | 32.40 | | |
| | 3 | 07.00 | 27.00 | 90.00 | |
| | | 13.00 | 22.50 | | |
| | | 19.00 | 40.50 | | |
| | 4 | 07.00 | 32.40 | 108.00 | |
| | | 13.00 | 27.00 | | |
| | | 19.00 | 48.60 | | |
| | 5 | 07.00 | 36.00 | 60.00 | |
| | | 13.00 | 24.00 | | |
| | V | 1 | 07.00 | 23.40 | |
| 13.00 | | | 19.50 | | |
| 19.00 | | | 35.10 | | |
| 2 | | 07.00 | 28.80 | 96.00 | |
| | | 13.00 | 24.00 | | |
| | | 19.00 | 43.20 | | |
| 3 | | 07.00 | 54.00 | 180 | |
| | | 13.00 | 45.00 | | |
| | | 19.00 | 81.00 | | |
| 4 | | 07.00 | 72.00 | 240.00 | |
| | | 13.00 | 60.00 | | |
| | | 19.00 | 108.00 | | |
| 5 | | 07.00 | 72.00 | 240.00 | |
| | | 13.00 | 60.00 | | |
| | | 19.00 | 108.00 | | |

Lampiran 01: Tabel Jumlah Kebutuhan Daun Murbei Sebagai Pakan Ulat Sutera.
(lanjutan)

| Instar | Hari | Makan 3x | | | Keterangan |
|---|-------|-------------|-----------------|-----------------------|------------|
| | | Waktu (Jam) | Berat Daun (gr) | Total Berat Daun (gr) | |
| V | 6 | 09.00 | 43.20 | 144.00 | 50 ulat |
| | | 13.00 | 36.00 | | |
| | | 19.00 | 64.80 | | |
| | 7 | 07.00 | 23.40 | 78.00 | |
| | | 13.00 | 19.50 | | |
| | | 19.00 | 35.10 | | |
| | 8 | 07.00 | 12.00 | 86.00 | |
| | | 13.00 | 24.00 | | |
| | | 19.00 | 50.00 | | |
| | 9 | 07.00 | 23.40 | 78.00 | |
| | | 13.00 | 19.50 | | |
| | | 19.00 | 35.10 | | |
| 10 | 07.00 | 12.00 | 86.00 | | |
| | 13.00 | 24.00 | | | |
| | 19.00 | 50.00 | | | |
| Total berat daun murbei yang digunakan dalam Penelitian | | | | 1922.82 | |

Lampiran 02 : Temperatur & Kelembaman Udara Ruangan Pemeliharaan Ulat.

| NO | Tanggal | Pagi 07.00 | | | Siang 12.00 | | | Malam 19.00 | | |
|----|---------|-------------------------|-------------------------|----------|-------------------------|-------------------------|----------|-------------------------|-------------------------|----------|
| | | TK (⁰ C) | TB (⁰ C) | K (%) | TK (⁰ C) | TB (⁰ C) | K (%) | TK (⁰ C) | TB (⁰ C) | K (%) |
| 1 | 15-4-00 | 25 | 24 | 92 | 25 | 24 | 92 | 25 | 24 | 92 |
| 2 | 16-4-00 | 24 | 23 | 92 | 26 | 24 | 84 | 25 | 24 | 92 |
| 3 | 17-4-00 | 24 | 23 | 92 | 26 | 24 | 84 | 25 | 24 | 92 |
| 4 | 18-4-00 | 24 | 23 | 92 | 26 | 25 | 92 | 25 | 24 | 92 |
| 5 | 19-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 25 | 24 | 92 |
| 6 | 20-4-00 | 24 | 23 | 92 | 26 | 24 | 84 | 24 | 23 | 92 |
| 7 | 21-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 25 | 24 | 92 |
| 8 | 22-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 9 | 23-4-00 | 24 | 23 | 92 | 26 | 25 | 92 | 25 | 24 | 92 |
| 10 | 24-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 11 | 25-4-00 | 24 | 23 | 92 | 26 | 25 | 92 | 25 | 24 | 92 |
| 12 | 26-4-00 | 24 | 23 | 92 | 26 | 25 | 92 | 24 | 23 | 92 |
| 13 | 27-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 14 | 28-4-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 15 | 29-4-00 | 24 | 23 | 92 | 26 | 25 | 92 | 25 | 23 | 84 |
| 16 | 30-4-00 | 24 | 23 | 92 | 26 | 24 | 84 | 25 | 24 | 92 |
| 17 | 1-5-00 | 24 | 23 | 92 | 26 | 25 | 92 | 25 | 24 | 92 |
| 18 | 2-5-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 19 | 3-5-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 20 | 4-5-00 | 24 | 23 | 92 | 25 | 24 | 92 | 24 | 23 | 92 |
| 21 | 5-5-00 | 22 | 21 | 92 | 24 | 23 | 92 | 24 | 23 | 92 |
| 22 | 6-5-00 | 23 | 22 | 92 | 24 | 23 | 92 | 24 | 23 | 92 |
| 23 | 7-5-00 | 23 | 22 | 92 | 25 | 24 | 92 | 25 | 24 | 92 |
| 24 | 8-5-00 | 23 | 22 | 92 | 26 | 24 | 84 | 25 | 24 | 92 |
| 25 | 9-5-00 | 22 | 21 | 92 | 26 | 25 | 92 | 26 | 24 | 84 |
| 26 | 10-5-00 | 23 | 22 | 92 | 27 | 25 | 84 | 26 | 24 | 84 |
| 27 | 11-5-00 | 23 | 21 | 84 | 27 | 25 | 84 | 26 | 24 | 84 |
| 28 | 12-5-00 | 24 | 22 | 84 | 27 | 25 | 84 | 26 | 24 | 84 |
| 29 | 13-5-00 | 25 | 24 | 92 | 27 | 25 | 84 | 26 | 24 | 84 |
| 30 | 14-5-00 | 24 | 23 | 92 | 27 | 25 | 84 | | | |

TK : Temperatur kering, TB : Temperatur basah, K : kelembaban

Lampiran 03 : Tabel Anova Panjang Ulat Instar II

| S K | DB | JK | KT | F Hit | F Tabel |
|-----------|----|--------|--------|---------------------|---------|
| Perlakuan | 5 | 0.0339 | 0.0068 | 3.988 ^{ln} | 5.06 |
| Galat | 12 | 0.0204 | 0.0017 | | |
| Total | 17 | 0.0543 | | | |

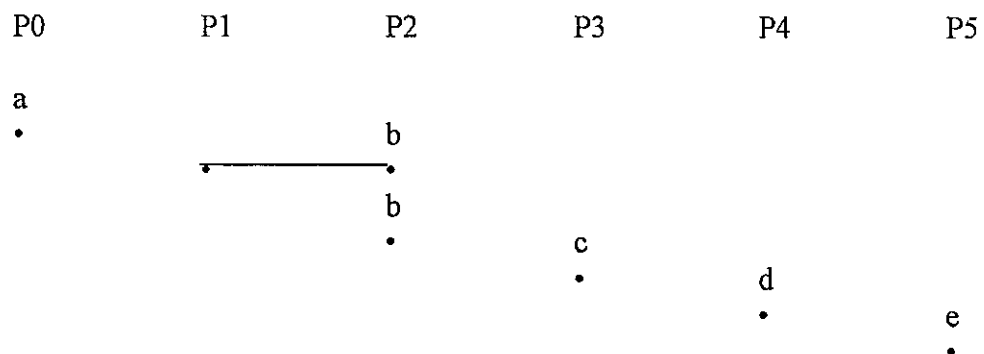
Lampiran 04 : Tabel Anova Panjang Ulat dan Uji Duncan Panjang Ulat Instar III.

| S K | DB | JK | KT | F Hit | F Tabel |
|-----------|----|--------|--------|---------|---------|
| Perlakuan | 5 | 0.2891 | 0.0578 | 44.477* | 5.06 |
| Galat | 12 | 0.1510 | 0.0013 | | |
| Total | 17 | 0.3042 | | | |

Selisih antara perlakuan :

| Perlakuan | Rerata | Selisih | | | | | | BJND 5% |
|-----------|--------|---------|-------|-------|-------|-------|----|------------|
| | | P0 | P1 | P2 | P3 | P4 | P5 | |
| P0 | 2.27 | - | | | | | | a |
| P1 | 1.99 | 0.28* | - | | | | | b |
| P2 | 1.98 | 0.29* | 0.01 | - | | | | b |
| P3 | 1.90 | 0.37* | 0.09* | 0.08* | - | | | c |
| P4 | 1.81 | 0.46* | 0.18* | 0.17* | 0.09* | - | | d |
| P5 | 1.63 | 0.64* | 0.36* | 0.35* | 0.27* | 0.18* | - | e |

Keterangan : * (berbeda nyata)



Lampiran 05. Jumlah Sisa Makan Ulat

| Instar I | | Jumlah daun | |
|-----------|---|-------------|-------|
| | | Awal | Sisa |
| Kontrol | 1 | 16,08 | 6,05 |
| | 2 | 16,08 | 4,95 |
| | 3 | 16,08 | 6,18 |
| 5% | 1 | 16,08 | 6,68 |
| | 2 | 16,08 | 5,95 |
| | 3 | 16,08 | 5,66 |
| 10% | 1 | 16,08 | 5,46 |
| | 2 | 16,08 | 6,48 |
| | 3 | 16,08 | 5,84 |
| 15% | 1 | 16,08 | 6,56 |
| | 2 | 16,08 | 6,85 |
| | 3 | 16,08 | 6,54 |
| 20% | 1 | 16,08 | 6,57 |
| | 2 | 16,08 | 6,21 |
| | 3 | 16,08 | 6,17 |
| 25% | 1 | 16,08 | 6,97 |
| | 2 | 16,08 | 6,85 |
| | 3 | 16,08 | 7,11 |
| Instar II | | | |
| Kontrol | 1 | 74,74 | 25,78 |
| | 2 | 74,74 | 28,25 |
| | 3 | 74,74 | 28,61 |
| 5% | 1 | 74,74 | 31,69 |
| | 2 | 74,74 | 34,18 |
| | 3 | 74,74 | 31,93 |
| 10% | 1 | 74,74 | 35,80 |
| | 2 | 74,74 | 40,82 |
| | 3 | 74,74 | 35,56 |
| 15% | 1 | 74,74 | 36,32 |
| | 2 | 74,74 | 35,21 |
| | 3 | 74,74 | 36,14 |
| 20% | 1 | 74,74 | 33,02 |
| | 2 | 74,74 | 36,75 |
| | 3 | 74,74 | 34,99 |
| 25% | 1 | 74,74 | 49,97 |
| | | 74,74 | 42,08 |
| | | 74,74 | 44,52 |

Lampiran 05. Jumlah Sisa Makan Ulat (lanjutan)

| Instar III | | Jumlah daun | |
|------------|---|-------------|---------|
| | | Awal | Sisa |
| Kontrol | 1 | 98,77 | 37,29 |
| | 2 | 98,77 | 42,46 |
| | 3 | 98,77 | 42,82 |
| 5% | 1 | 98,77 | 39,40 |
| | 2 | 98,77 | 38,98 |
| | 3 | 98,77 | 39,42 |
| 10% | 1 | 98,77 | 44,47 |
| | 2 | 98,77 | 39,59 |
| | 3 | 98,77 | 44,49 |
| 15% | 1 | 98,77 | 39,77 |
| | 2 | 98,77 | 43,75 |
| | 3 | 98,77 | 42,89 |
| 20% | 1 | 98,77 | 46,46 |
| | 2 | 98,77 | 45,00 |
| | 3 | 98,77 | 46,48 |
| 25% | 1 | 98,77 | 45,53 |
| | 2 | 98,77 | 52,95 |
| | 3 | 98,77 | 51,49 |
| Instar IV | | | |
| Kontrol | 1 | 394,7 | 179,919 |
| | 2 | 394,7 | 142,984 |
| | 3 | 394,7 | 127,627 |
| 5% | 1 | 394,7 | 155,305 |
| | 2 | 394,7 | 155,785 |
| | 3 | 394,7 | 161,723 |
| 10% | 1 | 394,7 | 158,409 |
| | 2 | 394,7 | 162,121 |
| | 3 | 394,7 | 169,957 |
| 15% | 1 | 394,7 | 190,188 |
| | 2 | 394,7 | 192,186 |
| | 3 | 394,7 | 201,607 |
| 20% | 1 | 394,7 | 195,584 |
| | 2 | 394,7 | 208,886 |
| | 3 | 394,7 | 209,004 |
| 25% | 1 | 394,7 | 233,707 |
| | 2 | 394,7 | 226,122 |
| | 3 | 394,7 | 239,750 |

Lampiran 05. Jumlah Sisa Makan Ulat (lanjutan)

| Instar V | | Jumlah daun | |
|----------|---|-------------|---------|
| | | Awal | Sisa |
| Kontrol | 1 | 1284 | 266,832 |
| | 2 | 1284 | 254,040 |
| | 3 | 1284 | 266,240 |
| 5% | 1 | 1284 | 275,642 |
| | 2 | 1284 | 213,132 |
| | 3 | 1284 | 210,658 |
| 10% | 1 | 1284 | 322,760 |
| | 2 | 1284 | 294,376 |
| | 3 | 1284 | 344,708 |
| 15% | 1 | 1284 | 249,454 |
| | 2 | 1284 | 216,014 |
| | 3 | 1284 | 238,860 |
| 20% | 1 | 1284 | 255,477 |
| | 2 | 1284 | 291,734 |
| | 3 | 1284 | 228,181 |
| 25% | 1 | 1284 | 269,425 |
| | 2 | 1284 | 337,525 |
| | 3 | 1284 | 348,934 |

Lampiran 06 : Tabel Jumlah Umur Instar tiap Ulat Sutera (*Bombyx mori* L.)

| Perlakuan | Jumlah Hari Tiap Instar | | | | | Total Umur |
|-----------|-------------------------|--------------|---------------|-----------------|---------------|------------------|
| | Instar I | Instar II | Instar III | Instar IV | Instar V | |
| Kontrol 1 | 4 Hari 7,5 jam | 3 Hari 3 jam | 4 Hari 6 jam | 4 Hari 18 jam | 9 Hari 6 jam | 25 Hari 16,5 jam |
| 2 | 4 Hari 7,5 jam | 3 Hari 3 jam | 4 Hari 6 jam | 4 Hari 18 jam | 9 Hari 6 jam | 25 Hari 16,5 jam |
| 3 | 4 Hari 7,5 jam | 3 Hari 3 jam | 4 Hari 6 jam | 4 Hari 18 jam | 9 Hari 6 jam | 25 Hari 16,5 jam |
| 5% | 4 Hari 7,5 jam | 3 Hari 9 jam | 4 Hari 6 jam | 5 Hari 2 jam | 10 Hari 8 jam | 27 Hari 8,5 jam |
| 2 | 4 Hari 7,5 jam | 3 Hari 9 jam | 4 Hari 6 jam | 5 Hari 2 jam | 10 Hari 8 jam | 27 Hari 8,5 jam |
| 3 | 4 Hari 7,5 jam | 3 Hari 9 jam | 4 Hari 6 jam | 5 Hari 2 jam | 10 Hari 8 jam | 27 Hari 8,5 jam |
| 10% | 4 Hari 7,5 jam | 3 Hari 9 jam | 4 Hari 6 jam | 4 Hari 11,5 jam | 10 Hari 8 jam | 26 Hari 18 jam |
| 1 | 5 Hari 2,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 11,5 jam | 10 Hari 8 jam | 28 Hari 7 jam |
| 2 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 11,5 jam | 10 Hari 8 jam | 26 Hari 18 jam |
| 3 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 11,5 jam | 10 Hari 8 jam | 26 Hari 18 jam |
| 15% | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 1 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 2 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 3 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 20% | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 1 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 2 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 3 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 6 jam | 4 Hari 20 jam | 10 Hari 8 jam | 27 Hari 20,5 jam |
| 25% | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 12 jam | 4 Hari 6 jam | 10 Hari 8 jam | 28 Hari 20,5 jam |
| 1 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 12 jam | 4 Hari 6 jam | 10 Hari 8 jam | 28 Hari 20,5 jam |
| 2 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 12 jam | 4 Hari 6 jam | 10 Hari 8 jam | 28 Hari 20,5 jam |
| 3 | 4 Hari 7,5 jam | 4 Hari 3 jam | 4 Hari 12 jam | 4 Hari 6 jam | 10 Hari 8 jam | 28 Hari 20,5 jam |