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# LAMPIRAN

**Lampiran 1.** Data Hasil Pengukuran Tinggi Semai Jabon Merah 10 Minggu

| No               | Perlakuan | Data Awal   | Tinggi Semai (cm) pada Minggu Ke- |               |               |               |               |               |               |               |             |             | Rata-Rata   |
|------------------|-----------|-------------|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|
|                  |           |             | 1                                 | 2             | 3             | 4             | 5             | 6             | 7             | 8             | 9           | 10          |             |
|                  |           | 29 Feb 2020 | 07 Maret 2020                     | 14 Maret 2020 | 21 Maret 2020 | 28 Maret 2020 | 04 April 2020 | 11 April 2020 | 18 April 2020 | 25 April 2020 | 02 Mei 2020 | 09 Mei 2020 |             |
| 1                | a1b0      | 2,0         | 2,1                               | 2,5           | 3,0           | 3,2           | 4,3           | 4,3           | 4,5           | 5,1           | 5,6         | 6,0         | 3,87        |
| 2                | a1b0      | 0,8         | 1,6                               | 2,0           | 2,5           | 3,0           | 3,8           | 4,6           | 5,5           | 7,6           | 10,4        | 12,0        | 4,89        |
| 3                | a1b0      | 1,4         | 1,8                               | 2,7           | 3,0           | 3,5           | 4,0           | 4,0           | 4,2           | 4,5           | 4,9         | 5,2         | 3,56        |
| 4                | a1b0      | 2,0         | 2,5                               | 3,3           | 4,0           | 5,0           | 5,4           | 5,6           | 6,0           | 6,2           | 6,8         | 7,0         | 4,89        |
| 5                | a1b0      | 2,0         | 2,2                               | 2,5           | 2,5           | 3,0           | 3,2           | 3,6           | 4,0           | 4,4           | 4,9         | 5,3         | 3,42        |
| <b>RATA-RATA</b> |           | <b>1,6</b>  | <b>2,0</b>                        | <b>2,6</b>    | <b>3,0</b>    | <b>3,5</b>    | <b>4,1</b>    | <b>4,4</b>    | <b>4,8</b>    | <b>5,6</b>    | <b>6,5</b>  | <b>7,1</b>  | <b>4,13</b> |
| 1                | a1b1      | 0,9         | 2,0                               | 3,0           | 3,3           | 4,0           | 4,5           | 4,7           | 5,0           | 5,3           | 5,8         | 6,0         | 4,05        |
| 2                | a1b1      | 1,0         | 1,5                               | 2,3           | 3,1           | 3,8           | 4,0           | 5,2           | 6,5           | 8,3           | 11,7        | 15,5        | 5,72        |
| 3                | a1b1      | 1,0         | 2,0                               | 2,5           | 3,0           | 4,3           | 5,0           | 5,8           | 6,5           | 6,9           | 7,6         | 8,5         | 4,83        |
| 4                | a1b1      | 1,1         | 2,0                               | 2,5           | 3,2           | 4,0           | 4,0           | 5,0           | 5,5           | 6,0           | 6,4         | 7,0         | 4,25        |
| 5                | a1b1      | 2,8         | 3,0                               | 3,0           | 3,2           | 4,0           | 4,5           | 5,0           | 6,2           | 7,0           | 7,6         | 8,0         | 4,94        |
| <b>RATA-RATA</b> |           | <b>1,4</b>  | <b>2,1</b>                        | <b>2,7</b>    | <b>3,2</b>    | <b>4,0</b>    | <b>4,4</b>    | <b>5,1</b>    | <b>5,9</b>    | <b>6,7</b>    | <b>7,8</b>  | <b>9,0</b>  | <b>4,75</b> |
| 1                | a1b2      | 1,0         | 1,5                               | 2,0           | 2,5           | 3,0           | 3,5           | 3,5           | 4,5           | 5,0           | 6,0         | 6,5         | 3,55        |
| 2                | a1b2      | 0,7         | 1,4                               | 2,0           | 2,5           | 4,0           | 4,5           | 4,5           | 5,0           | 6,0           | 6,5         | 7,0         | 4,01        |
| 3                | a1b2      | 1,0         | 1,5                               | 2,5           | 3,3           | 4,5           | 5,0           | 5,0           | 5,5           | 6,0           | 7,0         | 7,5         | 4,44        |
| 4                | a1b2      | 1,0         | 1,1                               | 2,0           | 2,3           | 3,0           | 3,2           | 5,5           | 7,0           | 9,5           | 12,0        | 14,0        | 5,51        |
| 5                | a1b2      | 2,4         | 2,8                               | 3,0           | 3,0           | 4,0           | 4,5           | 5,0           | 5,0           | 5,5           | 6,0         | 6,0         | 4,29        |
| <b>RATA-RATA</b> |           | <b>1,2</b>  | <b>1,7</b>                        | <b>2,3</b>    | <b>2,7</b>    | <b>3,7</b>    | <b>4,1</b>    | <b>4,7</b>    | <b>5,4</b>    | <b>6,4</b>    | <b>7,5</b>  | <b>8,2</b>  | <b>4,36</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a1b3 | 1,0        | 1,0        | 1,5        | 2,0        | 2,5        | 3,0        | 3,5        | 4,0        | 4,9        | 5,7        | 6,0        | 3,19        |
| 2                | a1b3 | 0,8        | 1,1        | 1,8        | 2,5        | 3,0        | 3,0        | 3,3        | 3,5        | 4,0        | 4,4        | 5,0        | 2,95        |
| 3                | a1b3 | 0,9        | 1,1        | 1,5        | 2,0        | 2,2        | 2,5        | 3,5        | 4,5        | 7,5        | 12,3       | 14,0       | 4,73        |
| 4                | a1b3 | 0,8        | 1,0        | 1,7        | 2,3        | 2,8        | 3,6        | 4,5        | 5,0        | 5,5        | 6,0        | 7,0        | 3,65        |
| 5                | a1b3 | 2,0        | 2,0        | 2,1        | 2,3        | 2,5        | 3,0        | 3,5        | 4,0        | 5,0        | 6,9        | 8,0        | 3,75        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>1,2</b> | <b>1,7</b> | <b>2,2</b> | <b>2,6</b> | <b>3,0</b> | <b>3,7</b> | <b>4,2</b> | <b>5,4</b> | <b>7,1</b> | <b>8,0</b> | <b>3,65</b> |
| 1                | a1b4 | 0,7        | 1,0        | 1,5        | 2,0        | 2,2        | 2,5        | 2,7        | 3,0        | 3,6        | 4,2        | 5,0        | 2,58        |
| 2                | a1b4 | 0,8        | 1,0        | 1,0        | 1,3        | 2,0        | 2,0        | 2,3        | 2,5        | 5,1        | 7,0        | 9,0        | 3,09        |
| 3                | a1b4 | 0,8        | 1,0        | 1,2        | 1,5        | 2,0        | 2,5        | 3,6        | 4,5        | 7,3        | 9,5        | 11,0       | 4,08        |
| 4                | a1b4 | 1,0        | 2,0        | 2,2        | 2,5        | 3,0        | 3,0        | 3,1        | 3,5        | 4,0        | 4,5        | 5,0        | 3,07        |
| 5                | a1b4 | 0,9        | 1,0        | 1,0        | 1,3        | 2,0        | 2,0        | 2,5        | 3,0        | 4,0        | 5,0        | 7,0        | 2,70        |
| <b>RATA-RATA</b> |      | <b>0,8</b> | <b>1,2</b> | <b>1,4</b> | <b>1,7</b> | <b>2,2</b> | <b>2,4</b> | <b>2,8</b> | <b>3,3</b> | <b>4,8</b> | <b>6,0</b> | <b>7,4</b> | <b>3,11</b> |
| 1                | a2b0 | 0,5        | 1,2        | 1,2        | 1,5        | 3,0        | 3,4        | 4,0        | 4,2        | 5,0        | 5,5        | 6,0        | 3,23        |
| 2                | a2b0 | 1,1        | 2,0        | 2,5        | 3,0        | 3,5        | 4,0        | 4,5        | 4,5        | 4,8        | 5,1        | 5,1        | 3,65        |
| 3                | a2b0 | 1,5        | 1,7        | 2,0        | 2,5        | 3,0        | 4,0        | 4,0        | 4,5        | 5,0        | 5,0        | 5,5        | 3,52        |
| 4                | a2b0 | 1,9        | 2,2        | 3,0        | 3,5        | 5,0        | 5,2        | 5,2        | 5,5        | 6,0        | 6,5        | 7,0        | 4,64        |
| 5                | a2b0 | 3,0        | 3,2        | 4,0        | 4,5        | 5,0        | 5,0        | 5,0        | 5,2        | 6,0        | 6,0        | 6,5        | 4,85        |
| <b>RATA-RATA</b> |      | <b>1,6</b> | <b>2,1</b> | <b>2,5</b> | <b>3,0</b> | <b>3,9</b> | <b>4,3</b> | <b>4,5</b> | <b>4,8</b> | <b>5,4</b> | <b>5,6</b> | <b>6,0</b> | <b>3,98</b> |
| 1                | a2b1 | 2,5        | 2,8        | 4,1        | 5,0        | 5,5        | 5,8        | 6,0        | 6,2        | 6,8        | 7,1        | 7,5        | 5,39        |
| 2                | a2b1 | 1,5        | 2,5        | 3,2        | 4,7        | 5,0        | 6,0        | 6,0        | 6,5        | 6,8        | 7,0        | 7,0        | 5,11        |
| 3                | a2b1 | 0,8        | 1,3        | 2,0        | 3,0        | 3,5        | 4,5        | 4,7        | 4,9        | 5,3        | 5,5        | 5,7        | 3,75        |
| 4                | a2b1 | 1,1        | 2,0        | 2,5        | 3,0        | 3,8        | 4,2        | 4,6        | 5,0        | 6,0        | 7,3        | 8,0        | 4,32        |
| 5                | a2b1 | 1,4        | 2,1        | 3,0        | 3,4        | 4,5        | 4,5        | 5,0        | 5,5        | 6,0        | 7,0        | 8,0        | 4,58        |
| <b>RATA-RATA</b> |      | <b>1,5</b> | <b>2,1</b> | <b>3,0</b> | <b>3,8</b> | <b>4,5</b> | <b>5,0</b> | <b>5,3</b> | <b>5,6</b> | <b>6,2</b> | <b>6,8</b> | <b>7,2</b> | <b>4,63</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a2b2 | 1,4        | 2,6        | 3,0        | 4,5        | 5,0        | 5,5        | 6,0        | 6,0        | 6,5        | 6,7        | 7,0        | 4,93        |
| 2                | a2b2 | 0,8        | 2,3        | 2,7        | 3,0        | 5,0        | 5,5        | 5,5        | 6,0        | 6,3        | 6,7        | 7,0        | 4,62        |
| 3                | a2b2 | 1,0        | 1,8        | 2,5        | 3,0        | 4,0        | 5,0        | 6,0        | 6,0        | 6,5        | 7,0        | 8,0        | 4,62        |
| 4                | a2b2 | 0,8        | 0,8        | 1,3        | 1,7        | 2,0        | 2,3        | 2,3        | 2,5        | 3,0        | 3,7        | 4,5        | 2,26        |
| 5                | a2b2 | 1,5        | 2,5        | 3,0        | 4,0        | 5,5        | 5,8        | 6,5        | 7,5        | 9,0        | 11,0       | 12,5       | 6,25        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>2,0</b> | <b>2,5</b> | <b>3,2</b> | <b>4,3</b> | <b>4,8</b> | <b>5,3</b> | <b>5,6</b> | <b>6,3</b> | <b>7,0</b> | <b>7,8</b> | <b>4,54</b> |
| 1                | a2b3 | 0,8        | 1,2        | 2,0        | 3,0        | 4,5        | 5,0        | 5,0        | 5,4        | 6,0        | 6,5        | 7,0        | 4,22        |
| 2                | a2b3 | 1,0        | 1,6        | 2,3        | 2,8        | 4,0        | 4,0        | 4,0        | 4,4        | 5,0        | 5,4        | 5,8        | 3,66        |
| 3                | a2b3 | 1,0        | 2,3        | 3,0        | 3,5        | 4,3        | 4,5        | 5,0        | 5,5        | 6,0        | 7,0        | 8,8        | 4,63        |
| 4                | a2b3 | 0,8        | 1,5        | 2,0        | 2,5        | 3,2        | 4,0        | 5,0        | 5,4        | 6,5        | 7,5        | 9,0        | 4,31        |
| 5                | a2b3 | 1,0        | 2,5        | 3,0        | 3,5        | 4,0        | 4,0        | 4,6        | 5,0        | 5,0        | 5,5        | 6,0        | 4,01        |
| <b>RATA-RATA</b> |      | <b>0,9</b> | <b>1,8</b> | <b>2,5</b> | <b>3,1</b> | <b>4,0</b> | <b>4,3</b> | <b>4,7</b> | <b>5,1</b> | <b>5,7</b> | <b>6,4</b> | <b>7,3</b> | <b>4,17</b> |
| 1                | a2b4 | 2,0        | 2,0        | 2,0        | 2,5        | 3,0        | 3,0        | 3,5        | 4,2        | 5,0        | 6,0        | 7,0        | 3,65        |
| 2                | a2b4 | 6,0        | 1,0        | 1,0        | 1,5        | 2,0        | 2,0        | 2,5        | 3,0        | 4,0        | 5,0        | 5,5        | 3,05        |
| 3                | a2b4 | 1,2        | 1,8        | 2,0        | 2,5        | 3,0        | 3,0        | 3,5        | 4,0        | 4,5        | 5,0        | 6,0        | 3,32        |
| 4                | a2b4 | 2,3        | 2,3        | 2,6        | 3,0        | 3,5        | 4,0        | 5,0        | 6,0        | 6,5        | 7,0        | 7,5        | 4,52        |
| 5                | a2b4 | 1,5        | 2,0        | 2,0        | 2,5        | 2,8        | 3,0        | 3,0        | 4,0        | 5,0        | 6,1        | 7,0        | 3,54        |
| <b>RATA-RATA</b> |      | <b>2,6</b> | <b>1,8</b> | <b>1,9</b> | <b>2,4</b> | <b>2,9</b> | <b>3,0</b> | <b>3,5</b> | <b>4,2</b> | <b>5,0</b> | <b>5,8</b> | <b>6,6</b> | <b>3,61</b> |
| 1                | a3b0 | 0,8        | 1,6        | 2,0        | 2,3        | 3,5        | 4,0        | 4,2        | 4,5        | 5,0        | 5,5        | 6,0        | 3,58        |
| 2                | a3b0 | 1,0        | 3,0        | 4,0        | 4,2        | 5,0        | 5,2        | 5,4        | 5,5        | 6,0        | 6,0        | 6,8        | 4,74        |
| 3                | a3b0 | 1,1        | 1,3        | 1,6        | 2,1        | 2,5        | 3,5        | 4,0        | 4,0        | 4,0        | 4,0        | 4,0        | 2,92        |
| 4                | a3b0 | 2,5        | 3,6        | 4,0        | 4,0        | 4,2        | 4,5        | 4,5        | 5,0        | 5,0        | 5,5        | 6,0        | 4,44        |
| 5                | a3b0 | 1,0        | 2,0        | 2,5        | 3,5        | 3,7        | 4,0        | 4,0        | 4,2        | 4,5        | 5,0        | 5,0        | 3,58        |
| <b>RATA-RATA</b> |      | <b>1,3</b> | <b>2,3</b> | <b>2,8</b> | <b>3,2</b> | <b>3,8</b> | <b>4,2</b> | <b>4,4</b> | <b>4,6</b> | <b>4,9</b> | <b>5,2</b> | <b>5,6</b> | <b>3,85</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a3b1 | 1,7        | 2,5        | 3,0        | 3,5        | 4,0        | 4,5        | 6,0        | 7,5        | 8,0        | 8,5        | 9,0        | 5,29        |
| 2                | a3b1 | 2,4        | 3,3        | 4,5        | 6,0        | 7,3        | 7,5        | 7,7        | 8,0        | 8,0        | 8,5        | 8,5        | 6,52        |
| 3                | a3b1 | 2,1        | 2,7        | 3,5        | 5,0        | 7,0        | 7,0        | 7,2        | 7,5        | 8,0        | 8,0        | 8,2        | 6,02        |
| 4                | a3b1 | 1,1        | 1,5        | 2,0        | 2,8        | 4,4        | 4,7        | 5,5        | 6,0        | 7,0        | 8,0        | 9,5        | 4,77        |
| 5                | a3b1 | 2,3        | 2,5        | 3,0        | 3,5        | 4,0        | 5,0        | 5,0        | 5,5        | 6,0        | 7,0        | 8,0        | 4,71        |
| <b>RATA-RATA</b> |      | <b>1,9</b> | <b>2,5</b> | <b>3,2</b> | <b>4,2</b> | <b>5,3</b> | <b>5,7</b> | <b>6,3</b> | <b>6,9</b> | <b>7,4</b> | <b>8,0</b> | <b>8,6</b> | <b>5,19</b> |
| 1                | a3b2 | 2,0        | 2,5        | 3,0        | 3,5        | 4,5        | 4,5        | 4,8        | 5,0        | 5,5        | 6,0        | 6,6        | 4,35        |
| 2                | a3b2 | 1,9        | 2,3        | 3,5        | 4,5        | 6,0        | 6,5        | 7,0        | 8,0        | 8,5        | 9,0        | 9,5        | 6,06        |
| 3                | a3b2 | 2,0        | 2,3        | 3,8        | 5,0        | 5,5        | 6,0        | 7,0        | 7,0        | 7,5        | 8,0        | 8,2        | 5,66        |
| 4                | a3b2 | 1,2        | 1,8        | 2,0        | 2,2        | 4,5        | 5,2        | 5,5        | 6,1        | 6,6        | 7,1        | 7,6        | 4,53        |
| 5                | a3b2 | 0,8        | 1,4        | 2,0        | 2,4        | 2,6        | 3,0        | 3,5        | 4,5        | 6,0        | 8,0        | 10,0       | 4,02        |
| <b>RATA-RATA</b> |      | <b>1,6</b> | <b>2,1</b> | <b>2,9</b> | <b>3,5</b> | <b>4,6</b> | <b>5,0</b> | <b>5,6</b> | <b>6,1</b> | <b>6,8</b> | <b>7,6</b> | <b>8,4</b> | <b>4,93</b> |
| 1                | a3b3 | 0,8        | 1,0        | 1,0        | 1,3        | 2,0        | 3,0        | 3,0        | 3,2        | 3,5        | 4,0        | 4,5        | 2,48        |
| 2                | a3b3 | 0,8        | 1,1        | 1,6        | 2,0        | 2,5        | 3,0        | 3,0        | 4,0        | 6,0        | 8,5        | 10,0       | 3,86        |
| 3                | a3b3 | 1,5        | 2,0        | 2,5        | 3,0        | 4,5        | 5,0        | 5,0        | 6,0        | 6,5        | 7,0        | 7,5        | 4,59        |
| 4                | a3b3 | 1,0        | 1,5        | 2,0        | 2,5        | 3,0        | 3,0        | 3,6        | 4,5        | 5,0        | 5,6        | 6,0        | 3,43        |
| 5                | a3b3 | 1,2        | 1,5        | 1,5        | 2,0        | 2,3        | 3,0        | 5,0        | 6,5        | 9,0        | 12,5       | 15,0       | 5,41        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>1,4</b> | <b>1,7</b> | <b>2,2</b> | <b>2,9</b> | <b>3,4</b> | <b>3,9</b> | <b>4,8</b> | <b>6,0</b> | <b>7,5</b> | <b>8,6</b> | <b>3,95</b> |
| 1                | a3b4 | 0,8        | 1,0        | 1,0        | 1,5        | 1,5        | 2,0        | 2,0        | 2,5        | 3,0        | 3,0        | 3,3        | 1,96        |
| 2                | a3b4 | 1,0        | 2,5        | 2,5        | 3,0        | 3,0        | 3,5        | 3,5        | 4,0        | 4,4        | 5,0        | 5,0        | 3,40        |
| 3                | a3b4 | 1,0        | 1,7        | 2,0        | 2,5        | 2,5        | 3,0        | 3,2        | 3,5        | 4,0        | 4,5        | 5,0        | 2,99        |
| 4                | a3b4 | 0,8        | 1,1        | 1,5        | 1,7        | 2,0        | 2,5        | 3,0        | 3,5        | 4,0        | 5,0        | 6,0        | 2,83        |
| 5                | a3b4 | 0,9        | 1,0        | 1,0        | 1,0        | 1,2        | 1,5        | 1,5        | 2,0        | 3,0        | 3,5        | 4,0        | 1,87        |
| <b>RATA-RATA</b> |      | <b>0,9</b> | <b>1,5</b> | <b>1,6</b> | <b>1,9</b> | <b>2,0</b> | <b>2,5</b> | <b>2,6</b> | <b>3,1</b> | <b>3,7</b> | <b>4,2</b> | <b>4,7</b> | <b>2,61</b> |



|                  |      |            |            |            |            |            |            |            |            |            |            |             |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|
| 1                | a4b0 | 0,8        | 1,3        | 1,5        | 1,6        | 2,0        | 2,0        | 2,2        | 2,5        | 4,0        | 5,0        | 6,0         | 2,63        |
| 2                | a4b0 | 1,2        | 1,2        | 1,8        | 1,9        | 2,1        | 3,0        | 3,0        | 3,5        | 4,0        | 4,0        | 4,0         | 2,70        |
| 3                | a4b0 | 1,3        | 1,8        | 2,0        | 2,3        | 3,0        | 3,3        | 3,6        | 4,0        | 5,5        | 6,5        | 8,0         | 3,75        |
| 4                | a4b0 | 2,8        | 3,0        | 3,2        | 3,3        | 3,5        | 4,0        | 4,0        | 4,5        | 4,5        | 5,0        | 5,0         | 3,89        |
| 5                | a4b0 | 0,8        | 2,2        | 2,3        | 2,5        | 2,7        | 3,0        | 3,5        | 4,0        | 4,0        | 4,5        | 5,0         | 3,14        |
| <b>RATA-RATA</b> |      | <b>1,4</b> | <b>1,9</b> | <b>2,2</b> | <b>2,3</b> | <b>2,7</b> | <b>3,1</b> | <b>3,3</b> | <b>3,7</b> | <b>4,4</b> | <b>5,0</b> | <b>5,6</b>  | <b>3,22</b> |
| 1                | a4b1 | 0,8        | 1,0        | 1,1        | 1,5        | 2,0        | 2,5        | 3,5        | 4,5        | 6,0        | 9,5        | 12,0        | 4,04        |
| 2                | a4b1 | 2,0        | 2,5        | 3,0        | 3,8        | 4,0        | 5,5        | 5,5        | 6,0        | 6,5        | 7,0        | 8,0         | 4,89        |
| 3                | a4b1 | 1,0        | 2,2        | 3,1        | 3,2        | 4,5        | 6,0        | 6,5        | 7,0        | 9,0        | 10,5       | 12,0        | 5,91        |
| 4                | a4b1 | 0,7        | 1,0        | 2,0        | 2,3        | 4,0        | 4,0        | 4,5        | 5,6        | 6,5        | 7,5        | 9,0         | 4,28        |
| 5                | a4b1 | 1,2        | 1,5        | 1,8        | 3,0        | 3,2        | 3,5        | 4,0        | 4,5        | 6,5        | 8,0        | 10,5        | 4,34        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>1,6</b> | <b>2,2</b> | <b>2,8</b> | <b>3,5</b> | <b>4,3</b> | <b>4,8</b> | <b>5,5</b> | <b>6,9</b> | <b>8,5</b> | <b>10,3</b> | <b>4,69</b> |
| 1                | a4b2 | 2,9        | 3,0        | 3,5        | 4,5        | 6,0        | 6,0        | 6,2        | 6,6        | 7,3        | 8,1        | 10,0        | 5,83        |
| 2                | a4b2 | 1,0        | 1,2        | 1,5        | 2,0        | 4,5        | 5,0        | 5,2        | 6,0        | 6,5        | 7,0        | 7,5         | 4,31        |
| 3                | a4b2 | 0,8        | 1,0        | 1,1        | 1,5        | 4,0        | 4,4        | 4,5        | 5,0        | 6,0        | 6,7        | 7,2         | 3,84        |
| 4                | a4b2 | 1,0        | 2,3        | 2,5        | 3,0        | 4,5        | 5,0        | 5,2        | 5,8        | 6,0        | 7,0        | 8,0         | 4,57        |
| 5                | a4b2 | 2,0        | 2,1        | 2,5        | 2,7        | 3,5        | 3,7        | 4,0        | 4,2        | 5,0        | 6,0        | 7,0         | 3,88        |
| <b>RATA-RATA</b> |      | <b>1,5</b> | <b>1,9</b> | <b>2,2</b> | <b>2,7</b> | <b>4,5</b> | <b>4,8</b> | <b>5,0</b> | <b>5,5</b> | <b>6,2</b> | <b>7,0</b> | <b>7,9</b>  | <b>4,49</b> |
| 1                | a4b3 | 2,8        | 3,2        | 3,3        | 5,0        | 5,3        | 5,5        | 6,0        | 6,0        | 6,5        | 7,0        | 8,0         | 5,33        |
| 2                | a4b3 | 0,8        | 1,0        | 1,0        | 1,1        | 2,2        | 2,8        | 3,0        | 3,0        | 4,0        | 4,5        | 5,0         | 2,58        |
| 3                | a4b3 | 1,3        | 2,7        | 3,0        | 3,2        | 3,8        | 4,0        | 4,5        | 7,0        | 13,0       | 16,0       | 20,0        | 7,14        |
| 4                | a4b3 | 1,4        | 2,5        | 2,5        | 3,5        | 4,4        | 5,5        | 6,5        | 7,0        | 12,0       | 15,0       | 19,0        | 7,21        |
| 5                | a4b3 | 1,5        | 1,8        | 2,0        | 2,5        | 3,0        | 3,5        | 4,0        | 4,6        | 5,0        | 6,0        | 7,0         | 3,72        |
| <b>RATA-RATA</b> |      | <b>1,6</b> | <b>2,2</b> | <b>2,4</b> | <b>3,1</b> | <b>3,7</b> | <b>4,3</b> | <b>4,8</b> | <b>5,5</b> | <b>8,1</b> | <b>9,7</b> | <b>11,8</b> | <b>5,46</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a4b4 | 1,0        | 2,0        | 2,0        | 2,5        | 2,8        | 3,0        | 5,0        | 7,0        | 9,5        | 12,0       | 14,0       | 5,53        |
| 2                | a4b4 | 0,7        | 1,1        | 1,5        | 1,8        | 3,0        | 3,0        | 4,0        | 5,0        | 7,5        | 9,0        | 10,0       | 4,24        |
| 3                | a4b4 | 1,9        | 2,0        | 2,0        | 2,0        | 2,5        | 4,1        | 4,5        | 5,0        | 5,5        | 6,0        | 7,0        | 3,86        |
| 4                | a4b4 | 2,0        | 2,0        | 2,5        | 2,9        | 2,8        | 4,0        | 4,0        | 5,0        | 5,5        | 6,0        | 7,0        | 3,97        |
| 5                | a4b4 | 1,6        | 3,0        | 3,0        | 3,4        | 3,5        | 4,6        | 4,0        | 4,0        | 4,0        | 4,0        | 4,5        | 3,60        |
| <b>RATA-RATA</b> |      | <b>1,4</b> | <b>2,0</b> | <b>2,2</b> | <b>2,5</b> | <b>2,9</b> | <b>3,7</b> | <b>4,3</b> | <b>5,2</b> | <b>6,4</b> | <b>7,4</b> | <b>8,5</b> | <b>4,24</b> |

**Lampiran 2.** Data Hasil Pengukuran Diameter Semai Jabon Merah 10 Minggu

| No               | Perlakuan | Data Awal   | Diameter Semai pada Minggu Ke- |               |               |               |               |               |               |               |             |             | Rata-rata   |
|------------------|-----------|-------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|
|                  |           |             | 1                              | 2             | 3             | 4             | 5             | 6             | 7             | 8             | 9           | 10          |             |
|                  |           | 29 Feb 2020 | 07 Maret 2020                  | 14 Maret 2020 | 21 Maret 2020 | 28 Maret 2020 | 04 April 2020 | 11 April 2020 | 18 April 2020 | 25 April 2020 | 02 Mei 2020 | 09 Mei 2020 |             |
| 1                | a1b0      | 2,37        | 2,5                            | 3,31          | 4,02          | 4,29          | 4,61          | 4,97          | 5,23          | 5,49          | 5,87        | 6,01        | 4,42        |
| 2                | a1b0      | 1,69        | 1,83                           | 2,21          | 3,02          | 3,91          | 4,44          | 4,5           | 4,59          | 4,91          | 5,12        | 5,23        | 3,77        |
| 3                | a1b0      | 1,22        | 2,12                           | 2,73          | 3,24          | 3,94          | 4,16          | 4,33          | 4,42          | 5,01          | 5,13        | 5,35        | 3,79        |
| 4                | a1b0      | 1,54        | 2,37                           | 2,98          | 3,34          | 3,92          | 4,1           | 4,39          | 4,99          | 5,19          | 5,37        | 5,91        | 4,01        |
| 5                | a1b0      | 1,56        | 2,37                           | 2,82          | 3,21          | 3,92          | 4,13          | 4,25          | 4,32          | 4,46          | 5,01        | 5,46        | 3,77        |
| <b>RATA-RATA</b> |           | <b>1,7</b>  | <b>2,2</b>                     | <b>2,8</b>    | <b>3,4</b>    | <b>4,0</b>    | <b>4,3</b>    | <b>4,5</b>    | <b>4,7</b>    | <b>5,0</b>    | <b>5,3</b>  | <b>5,6</b>  | <b>3,95</b> |
| 1                | a1b1      | 1,3         | 2,13                           | 2,56          | 3,15          | 3,86          | 4,05          | 4,12          | 4,22          | 4,76          | 5,01        | 5,29        | 3,68        |
| 2                | a1b1      | 2,24        | 2,18                           | 2,97          | 3,19          | 4,12          | 4,33          | 4,5           | 4,81          | 5,11          | 5,31        | 5,84        | 4,05        |
| 3                | a1b1      | 1,2         | 1,52                           | 2,25          | 3,02          | 3,47          | 3,55          | 3,91          | 4,16          | 4,32          | 4,93        | 5,11        | 3,40        |
| 4                | a1b1      | 2,26        | 2,56                           | 2,93          | 3,57          | 4,03          | 4,75          | 4,81          | 4,91          | 5,09          | 5,22        | 5,53        | 4,15        |
| 5                | a1b1      | 2,52        | 2,91                           | 3,14          | 3,82          | 4,09          | 4,9           | 4,98          | 5,03          | 5,1           | 5,31        | 5,42        | 4,29        |
| <b>RATA-RATA</b> |           | <b>1,9</b>  | <b>2,3</b>                     | <b>2,8</b>    | <b>3,4</b>    | <b>3,9</b>    | <b>4,3</b>    | <b>4,5</b>    | <b>4,6</b>    | <b>4,9</b>    | <b>5,2</b>  | <b>5,4</b>  | <b>3,92</b> |
| 1                | a1b2      | 1,77        | 1,93                           | 2,27          | 2,86          | 3,72          | 4,09          | 4,77          | 5,05          | 5,14          | 5,29        | 5,4         | 3,84        |
| 2                | a1b2      | 0,83        | 2,48                           | 2,83          | 3,38          | 4,55          | 5,22          | 5,55          | 5,7           | 6,03          | 6,14        | 6,27        | 4,45        |
| 3                | a1b2      | 1           | 1,55                           | 2,06          | 2,66          | 3,14          | 3,3           | 3,68          | 4,12          | 4,35          | 4,51        | 4,22        | 3,14        |
| 4                | a1b2      | 0,95        | 2,22                           | 2,63          | 3,17          | 3,76          | 4,04          | 4,24          | 4,45          | 4,76          | 4,93        | 5,07        | 3,66        |
| 5                | a1b2      | 1,66        | 1,88                           | 2,02          | 2,28          | 2,71          | 2,84          | 2,95          | 3,1           | 3,21          | 3,35        | 3,52        | 2,68        |
| <b>RATA-RATA</b> |           | <b>1,2</b>  | <b>2,0</b>                     | <b>2,4</b>    | <b>2,9</b>    | <b>3,6</b>    | <b>3,9</b>    | <b>4,2</b>    | <b>4,5</b>    | <b>4,7</b>    | <b>4,8</b>  | <b>4,9</b>  | <b>3,56</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a1b3 | 1,1        | 2,06       | 2,83       | 3,62       | 4,15       | 4,22       | 4,91       | 5,13       | 5,33       | 5,81       | 6,09       | 4,11        |
| 2                | a1b3 | 0,85       | 2,03       | 2,18       | 2,76       | 3,13       | 3,26       | 3,35       | 3,95       | 4,12       | 4,32       | 4,74       | 3,15        |
| 3                | a1b3 | 1          | 2,04       | 2,63       | 3,12       | 3,21       | 3,37       | 3,58       | 3,89       | 3,13       | 3,02       | 4,35       | 3,03        |
| 4                | a1b3 | 1,4        | 2,04       | 2,98       | 3,56       | 4,16       | 4,9        | 5,03       | 5,18       | 5,36       | 5,92       | 6,13       | 4,24        |
| 5                | a1b3 | 2          | 2,68       | 2,88       | 3,04       | 3,19       | 4,86       | 5,09       | 5,11       | 5,21       | 5,47       | 5,39       | 4,08        |
| <b>RATA-RATA</b> |      | <b>1,3</b> | <b>2,2</b> | <b>2,7</b> | <b>3,2</b> | <b>3,6</b> | <b>4,1</b> | <b>4,4</b> | <b>4,7</b> | <b>4,6</b> | <b>4,9</b> | <b>5,3</b> | <b>3,72</b> |
| 1                | a1b4 | 0,81       | 2,18       | 2,93       | 3,17       | 3,68       | 3,94       | 4,06       | 4,16       | 4,32       | 5,01       | 5,09       | 3,58        |
| 2                | a1b4 | 0,83       | 1,71       | 1,96       | 2,03       | 2,16       | 2,27       | 2,98       | 3,47       | 3,88       | 4,12       | 4,23       | 2,69        |
| 3                | a1b4 | 1,12       | 1,74       | 2,09       | 2,31       | 3,93       | 4,13       | 4,26       | 4,73       | 5,1        | 5,84       | 6,26       | 3,77        |
| 4                | a1b4 | 1,89       | 1,94       | 2,08       | 2,99       | 3,29       | 3,42       | 3,61       | 3,72       | 4,01       | 4,14       | 4,25       | 3,21        |
| 5                | a1b4 | 0,95       | 2,17       | 2,53       | 3,03       | 3,57       | 3,95       | 4,16       | 4,65       | 4,93       | 5,17       | 5,83       | 3,72        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>1,9</b> | <b>2,3</b> | <b>2,7</b> | <b>3,3</b> | <b>3,5</b> | <b>3,8</b> | <b>4,1</b> | <b>4,4</b> | <b>4,9</b> | <b>5,1</b> | <b>3,40</b> |
| 1                | a2b0 | 2,12       | 2,38       | 3,02       | 3,53       | 3,63       | 3,81       | 4,13       | 4,3        | 4,85       | 5,15       | 5,35       | 3,84        |
| 2                | a2b0 | 2,24       | 2,86       | 3,25       | 3,65       | 3,92       | 4,28       | 4,4        | 4,71       | 4,83       | 4,95       | 5,02       | 4,01        |
| 3                | a2b0 | 1,96       | 2,07       | 2,87       | 3,72       | 3,93       | 4,31       | 4,77       | 4,84       | 5,02       | 5,13       | 5,21       | 3,98        |
| 4                | a2b0 | 1,59       | 1,79       | 2,63       | 3,85       | 4,15       | 5,48       | 5,51       | 5,63       | 5,9        | 6,04       | 6,18       | 4,43        |
| 5                | a2b0 | 1,8        | 2,27       | 2,93       | 3,49       | 4,05       | 4,14       | 4,36       | 4,77       | 4,95       | 5,19       | 5,23       | 3,93        |
| <b>RATA-RATA</b> |      | <b>1,9</b> | <b>2,3</b> | <b>2,9</b> | <b>3,6</b> | <b>3,9</b> | <b>4,4</b> | <b>4,6</b> | <b>4,9</b> | <b>5,1</b> | <b>5,3</b> | <b>5,4</b> | <b>4,04</b> |
| 1                | a2b1 | 1,56       | 2,61       | 3,12       | 3,78       | 4,02       | 4,45       | 4,79       | 5,12       | 5,21       | 5,47       | 5,38       | 4,14        |
| 2                | a2b1 | 1,69       | 2,71       | 2,94       | 3,2        | 3,86       | 4,89       | 5,14       | 5,24       | 5,36       | 5,71       | 5,93       | 4,24        |
| 3                | a2b1 | 2,9        | 2,94       | 3,14       | 3,07       | 4,52       | 4,79       | 5,02       | 5,19       | 5,25       | 5,61       | 5,82       | 4,39        |
| 4                | a2b1 | 1,27       | 1,87       | 2,5        | 3,04       | 3,8        | 4,03       | 4,11       | 4,28       | 4,46       | 4,63       | 4,76       | 3,52        |
| 5                | a2b1 | 1,42       | 1,93       | 2,26       | 3,17       | 4,04       | 4,47       | 4,59       | 4,75       | 4,95       | 5,07       | 5,13       | 3,80        |
| <b>RATA-RATA</b> |      | <b>1,8</b> | <b>2,4</b> | <b>2,8</b> | <b>3,3</b> | <b>4,0</b> | <b>4,5</b> | <b>4,7</b> | <b>4,9</b> | <b>5,0</b> | <b>5,3</b> | <b>5,4</b> | <b>4,02</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a2b2 | 2,43       | 2,94       | 3,11       | 3,69       | 4,05       | 4,13       | 4,3        | 4,34       | 4,45       | 4,61       | 4,75       | 3,89        |
| 2                | a2b2 | 1,66       | 2,34       | 3,87       | 3,07       | 3,85       | 4,13       | 4,29       | 5,1        | 5,19       | 5,27       | 5,36       | 4,01        |
| 3                | a2b2 | 1,75       | 2,36       | 3,12       | 3,79       | 4,12       | 4,32       | 4,48       | 4,61       | 4,93       | 5,04       | 5,1        | 3,97        |
| 4                | a2b2 | 0,97       | 1,48       | 1,81       | 2,22       | 3,2        | 3,33       | 3,65       | 3,97       | 4,07       | 4,16       | 4,25       | 3,01        |
| 5                | a2b2 | 1,65       | 2,09       | 2,26       | 2,39       | 3,15       | 3,37       | 3,91       | 4,18       | 4,31       | 4,43       | 4,59       | 3,30        |
| <b>RATA-RATA</b> |      | <b>1,7</b> | <b>2,2</b> | <b>2,8</b> | <b>3,0</b> | <b>3,7</b> | <b>3,9</b> | <b>4,1</b> | <b>4,4</b> | <b>4,6</b> | <b>4,7</b> | <b>4,8</b> | <b>3,64</b> |
| 1                | a2b3 | 1,63       | 2,27       | 2,83       | 3          | 3,5        | 3,71       | 4,01       | 4,86       | 4,98       | 5,13       | 5,21       | 3,74        |
| 2                | a2b3 | 1,84       | 2,3        | 2,94       | 3,41       | 4,2        | 4,37       | 4,53       | 4,77       | 4,95       | 4,23       | 4,56       | 3,83        |
| 3                | a2b3 | 1,67       | 1,93       | 2,56       | 3,4        | 3,76       | 4,05       | 4,28       | 4,32       | 4,51       | 4,76       | 4,83       | 3,64        |
| 4                | a2b3 | 1,23       | 1,31       | 1,98       | 2,28       | 2,99       | 3,29       | 3,89       | 4,08       | 4,24       | 4,31       | 4,46       | 3,10        |
| 5                | a2b3 | 2,01       | 4,72       | 4,83       | 4,95       | 5,05       | 5,37       | 5,56       | 6,08       | 6,19       | 6,33       | 6,45       | 5,23        |
| <b>RATA-RATA</b> |      | <b>1,7</b> | <b>2,5</b> | <b>3,0</b> | <b>3,4</b> | <b>3,9</b> | <b>4,2</b> | <b>4,5</b> | <b>4,8</b> | <b>5,0</b> | <b>5,0</b> | <b>5,1</b> | <b>3,91</b> |
| 1                | a2b4 | 1,2        | 1,84       | 2,33       | 3,01       | 3,43       | 4,01       | 4,17       | 4,32       | 4,53       | 4,66       | 4,89       | 3,49        |
| 2                | a2b4 | 0,9        | 1,98       | 2,58       | 3,57       | 3,68       | 4,03       | 4,51       | 4,72       | 4,93       | 5,08       | 5,21       | 3,74        |
| 3                | a2b4 | 1,21       | 1,91       | 2,67       | 3,06       | 3,3        | 3,28       | 3,94       | 4,45       | 4,67       | 5,81       | 5,03       | 3,58        |
| 4                | a2b4 | 1,76       | 2,04       | 2,89       | 3,97       | 4,05       | 4,57       | 4,8        | 6,15       | 6,32       | 6,53       | 6,37       | 4,50        |
| 5                | a2b4 | 0,92       | 1,62       | 2,43       | 2,93       | 3,15       | 3,37       | 4,01       | 4,8        | 5,12       | 5,36       | 5,57       | 3,57        |
| <b>RATA-RATA</b> |      | <b>1,2</b> | <b>1,9</b> | <b>2,6</b> | <b>3,3</b> | <b>3,5</b> | <b>3,9</b> | <b>4,3</b> | <b>4,9</b> | <b>5,1</b> | <b>5,5</b> | <b>5,4</b> | <b>3,78</b> |
| 1                | a3b0 | 0,97       | 1,72       | 1,99       | 2,53       | 3,43       | 3,51       | 3,79       | 3,9        | 4,17       | 4,45       | 4,63       | 3,19        |
| 2                | a3b0 | 1,92       | 2,41       | 3,15       | 3,66       | 4,15       | 4,34       | 4,65       | 4,88       | 4,91       | 4,98       | 5,01       | 4,01        |
| 3                | a3b0 | 2,02       | 2,21       | 2,81       | 3,7        | 4,38       | 4,61       | 4,72       | 4,85       | 4,93       | 4,96       | 4,99       | 4,02        |
| 4                | a3b0 | 1,13       | 1,84       | 2,13       | 2,69       | 2,95       | 3,72       | 4,14       | 4,27       | 4,36       | 4,48       | 4,57       | 3,30        |
| 5                | a3b0 | 2,04       | 2,54       | 2,83       | 3,02       | 4,34       | 4,15       | 4,22       | 4,39       | 4,47       | 4,61       | 4,72       | 3,76        |
| <b>RATA-RATA</b> |      | <b>1,6</b> | <b>2,1</b> | <b>2,6</b> | <b>3,1</b> | <b>3,9</b> | <b>4,1</b> | <b>4,3</b> | <b>4,5</b> | <b>4,6</b> | <b>4,7</b> | <b>4,8</b> | <b>3,65</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a3b1 | 3,07       | 3,15       | 3,37       | 3,62       | 4,13       | 4,35       | 4,51       | 4,67       | 4,83       | 4,57       | 5,16       | 4,13        |
| 2                | a3b1 | 1,83       | 2,4        | 3,15       | 3,7        | 3,97       | 4,16       | 4,33       | 4,6        | 4,77       | 4,83       | 4,93       | 3,88        |
| 3                | a3b1 | 2,07       | 2,66       | 2,94       | 3,32       | 3,68       | 4,1        | 4,6        | 5,68       | 5,95       | 6,21       | 6,34       | 4,32        |
| 4                | a3b1 | 2,16       | 2,88       | 3,02       | 3,18       | 3,74       | 3,89       | 4,12       | 4,3        | 4,61       | 4,88       | 5,04       | 3,80        |
| 5                | a3b1 | 1,47       | 1,82       | 2,51       | 3,48       | 3,8        | 4,18       | 4,47       | 4,74       | 4,87       | 5,03       | 5,16       | 3,78        |
| <b>RATA-RATA</b> |      | <b>2,1</b> | <b>2,6</b> | <b>3,0</b> | <b>3,5</b> | <b>3,9</b> | <b>4,1</b> | <b>4,4</b> | <b>4,8</b> | <b>5,0</b> | <b>5,1</b> | <b>5,3</b> | <b>3,98</b> |
| 1                | a3b2 | 2,34       | 2,47       | 3,09       | 3,64       | 5,03       | 5,3        | 4,26       | 5,51       | 5,83       | 6,07       | 6,19       | 4,52        |
| 2                | a3b2 | 1,84       | 2,04       | 2,35       | 2,6        | 3,37       | 3,59       | 4,03       | 4,08       | 4,17       | 4,45       | 4,53       | 3,37        |
| 3                | a3b2 | 1,96       | 2,3        | 3,11       | 3,96       | 4,16       | 4,45       | 5,32       | 5,42       | 5,59       | 5,65       | 5,84       | 4,34        |
| 4                | a3b2 | 1,91       | 2,75       | 2,95       | 3,16       | 3,39       | 3,78       | 3,84       | 4,1        | 4,21       | 4,35       | 4,44       | 3,53        |
| 5                | a3b2 | 2,47       | 2,47       | 3,39       | 3,72       | 4,02       | 4,26       | 4,31       | 4,36       | 4,42       | 4,49       | 4,55       | 3,86        |
| <b>RATA-RATA</b> |      | <b>2,1</b> | <b>2,4</b> | <b>3,0</b> | <b>3,4</b> | <b>4,0</b> | <b>4,3</b> | <b>4,4</b> | <b>4,7</b> | <b>4,8</b> | <b>5,0</b> | <b>5,1</b> | <b>3,93</b> |
| 1                | a3b3 | 0,81       | 1          | 1,58       | 2,18       | 2,29       | 2,92       | 2,96       | 3,1        | 3,33       | 3,46       | 3,58       | 2,47        |
| 2                | a3b3 | 1,11       | 1,33       | 1,97       | 2,69       | 2,74       | 3,03       | 3,46       | 3,94       | 4,25       | 4,89       | 5,27       | 3,15        |
| 3                | a3b3 | 2,59       | 2,97       | 3,27       | 3,75       | 4,66       | 4,74       | 5,12       | 5,2        | 5,38       | 5,45       | 5,64       | 4,43        |
| 4                | a3b3 | 1,89       | 2,2        | 2,32       | 2,49       | 2,96       | 3,35       | 3,62       | 4,26       | 4,48       | 4,61       | 4,92       | 3,37        |
| 5                | a3b3 | 1,9        | 2,29       | 2,89       | 3,47       | 3,55       | 3,76       | 3,93       | 4,09       | 4,27       | 4,3        | 4,55       | 3,55        |
| <b>RATA-RATA</b> |      | <b>1,7</b> | <b>2,0</b> | <b>2,4</b> | <b>2,9</b> | <b>3,2</b> | <b>3,6</b> | <b>3,8</b> | <b>4,1</b> | <b>4,3</b> | <b>4,5</b> | <b>4,8</b> | <b>3,40</b> |
| 1                | a3b4 | 0,76       | 2,13       | 2,21       | 2,53       | 3,01       | 3,03       | 3,69       | 4,15       | 4,27       | 4,4        | 4,49       | 3,15        |
| 2                | a3b4 | 1,66       | 1,69       | 2,37       | 2,97       | 3,13       | 3,43       | 3,84       | 5,05       | 5,19       | 5,27       | 5,38       | 3,63        |
| 3                | a3b4 | 2,16       | 2,25       | 2,37       | 2,55       | 2,66       | 3,17       | 3,44       | 3,74       | 3,92       | 4,07       | 4,16       | 3,14        |
| 4                | a3b4 | 0,93       | 1,82       | 2,25       | 2,46       | 3,38       | 3,5        | 3,59       | 3,63       | 3,78       | 3,91       | 4,01       | 3,02        |
| 5                | a3b4 | 0,85       | 2,77       | 2,82       | 2,9        | 3,1        | 4,11       | 4,23       | 4,3        | 4,36       | 4,42       | 4,47       | 3,48        |
| <b>RATA-RATA</b> |      | <b>1,3</b> | <b>2,1</b> | <b>2,4</b> | <b>2,7</b> | <b>3,1</b> | <b>3,4</b> | <b>3,8</b> | <b>4,2</b> | <b>4,3</b> | <b>4,4</b> | <b>4,5</b> | <b>3,29</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a4b0 | 0,8        | 1          | 1,11       | 1,19       | 1,84       | 2,34       | 3,47       | 4,07       | 4,25       | 4,43       | 4,51       | 2,64        |
| 2                | a4b0 | 1,33       | 2,15       | 2,31       | 2,88       | 3,45       | 3,71       | 4,07       | 4,13       | 4,28       | 4,37       | 4,39       | 3,37        |
| 3                | a4b0 | 1,74       | 1,84       | 2,15       | 2,64       | 3,02       | 3,28       | 3,34       | 3,48       | 3,56       | 3,71       | 3,83       | 2,96        |
| 4                | a4b0 | 2,27       | 3,26       | 3,49       | 3,6        | 3,88       | 4,55       | 4,61       | 4,68       | 4,73       | 4,79       | 4,84       | 4,06        |
| 5                | a4b0 | 1          | 1,9        | 2,04       | 2,1        | 3,16       | 3,33       | 3,65       | 3,92       | 4,07       | 4,18       | 4,23       | 3,05        |
| <b>RATA-RATA</b> |      | <b>1,4</b> | <b>2,0</b> | <b>2,2</b> | <b>2,5</b> | <b>3,1</b> | <b>3,4</b> | <b>3,8</b> | <b>4,1</b> | <b>4,2</b> | <b>4,3</b> | <b>4,4</b> | <b>3,22</b> |
| 1                | a4b1 | 0,89       | 1,37       | 1,71       | 2,63       | 3,42       | 4,04       | 4,18       | 4,36       | 4,59       | 4,72       | 4,93       | 3,35        |
| 2                | a4b1 | 2,01       | 2,57       | 2,70       | 3,66       | 4,09       | 4,26       | 4,96       | 5,14       | 5,23       | 5,47       | 5,81       | 4,17        |
| 3                | a4b1 | 1,36       | 1,46       | 1,89       | 2,73       | 3,87       | 4,20       | 4,54       | 4,97       | 5,20       | 5,38       | 5,52       | 3,74        |
| 4                | a4b1 | 1,96       | 2,48       | 2,79       | 3,26       | 3,66       | 4,13       | 4,41       | 4,52       | 4,83       | 4,94       | 5,13       | 3,83        |
| 5                | a4b1 | 1,61       | 1,68       | 1,74       | 2,75       | 3,55       | 4,08       | 4,16       | 4,20       | 4,38       | 4,51       | 4,63       | 3,39        |
| <b>RATA-RATA</b> |      | <b>1,6</b> | <b>1,9</b> | <b>2,2</b> | <b>3,0</b> | <b>3,7</b> | <b>4,1</b> | <b>4,5</b> | <b>4,6</b> | <b>4,8</b> | <b>5,0</b> | <b>5,2</b> | <b>3,70</b> |
| 1                | a4b2 | 2,14       | 2,82       | 2,86       | 3,45       | 4,10       | 4,49       | 5,13       | 5,28       | 5,39       | 5,51       | 5,73       | 4,26        |
| 2                | a4b2 | 0,87       | 1,37       | 2,36       | 2,62       | 2,90       | 3,05       | 3,26       | 3,38       | 3,51       | 3,65       | 3,84       | 2,80        |
| 3                | a4b2 | 2,39       | 2,90       | 3,19       | 3,98       | 4,15       | 4,36       | 4,44       | 4,73       | 4,93       | 5,17       | 5,30       | 4,14        |
| 4                | a4b2 | 2,67       | 2,82       | 3,05       | 3,58       | 4,07       | 4,46       | 4,53       | 4,60       | 4,86       | 5,01       | 5,12       | 4,07        |
| 5                | a4b2 | 1,27       | 1,75       | 3,03       | 3,87       | 4,11       | 4,61       | 4,76       | 5,14       | 5,36       | 5,62       | 5,88       | 4,13        |
| <b>RATA-RATA</b> |      | <b>1,9</b> | <b>2,3</b> | <b>2,9</b> | <b>3,5</b> | <b>3,9</b> | <b>4,2</b> | <b>4,4</b> | <b>4,6</b> | <b>4,8</b> | <b>5,0</b> | <b>5,2</b> | <b>3,88</b> |
| 1                | a4b3 | 1,66       | 2,95       | 4,07       | 4,32       | 4,66       | 5,01       | 5,74       | 6,03       | 6,25       | 6,38       | 6,54       | 4,87        |
| 2                | a4b3 | 1,27       | 2,37       | 2,45       | 3,12       | 3,98       | 4,22       | 4,41       | 4,75       | 5,03       | 5,23       | 5,41       | 3,84        |
| 3                | a4b3 | 0,84       | 1,00       | 1,55       | 2,29       | 3,36       | 3,47       | 3,61       | 4,20       | 4,42       | 4,65       | 4,87       | 3,11        |
| 4                | a4b3 | 1,47       | 2,58       | 2,91       | 3,43       | 4,47       | 5,15       | 5,48       | 5,56       | 5,71       | 5,85       | 5,94       | 4,41        |
| 5                | a4b3 | 1,33       | 2,40       | 2,43       | 3,02       | 3,99       | 4,64       | 5,42       | 6,01       | 6,39       | 6,77       | 6,91       | 4,48        |
| <b>RATA-RATA</b> |      | <b>1,3</b> | <b>2,3</b> | <b>2,7</b> | <b>3,2</b> | <b>4,1</b> | <b>4,5</b> | <b>4,9</b> | <b>5,3</b> | <b>5,6</b> | <b>5,8</b> | <b>5,9</b> | <b>4,14</b> |

|                  |      |            |            |            |            |            |            |            |            |            |            |            |             |
|------------------|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| 1                | a4b4 | 0,80       | 2,81       | 2,83       | 2,89       | 2,97       | 3,36       | 4,39       | 5,43       | 5,74       | 5,85       | 5,91       | 3,91        |
| 2                | a4b4 | 0,86       | 2,60       | 2,92       | 3,17       | 3,44       | 3,66       | 4,07       | 4,54       | 4,82       | 5,03       | 5,18       | 3,66        |
| 3                | a4b4 | 0,84       | 1,77       | 2,04       | 2,76       | 3,40       | 3,77       | 4,18       | 4,56       | 4,75       | 4,95       | 5,17       | 3,47        |
| 4                | a4b4 | 1,44       | 1,83       | 2,04       | 2,77       | 3,66       | 3,70       | 4,21       | 4,55       | 4,88       | 4,93       | 5,12       | 3,56        |
| 5                | a4b4 | 1,79       | 2,86       | 2,94       | 3,14       | 3,29       | 3,41       | 3,62       | 4,10       | 4,18       | 4,33       | 4,42       | 3,46        |
| <b>RATA-RATA</b> |      | <b>1,1</b> | <b>2,4</b> | <b>2,6</b> | <b>2,9</b> | <b>3,4</b> | <b>3,6</b> | <b>4,1</b> | <b>4,6</b> | <b>4,9</b> | <b>5,0</b> | <b>5,2</b> | <b>3,61</b> |



**Lampiran 3.** Data Hasil Pengukuran Helai Daun Semai Jabon Merah 10 Minggu

| No               | Perlakuan | Data Awal   | Jumlah Daun Semai (cm) pada Minggu Ke- |               |               |               |               |               |               |               |             |             | Rata-rata   |
|------------------|-----------|-------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|-------------|-------------|
|                  |           |             | 1                                      | 2             | 3             | 4             | 5             | 6             | 7             | 8             | 9           | 10          |             |
|                  |           | 29 Feb 2020 | 07 Maret 2020                          | 14 Maret 2020 | 21 Maret 2020 | 28 Maret 2020 | 04 April 2020 | 11 April 2020 | 18 April 2020 | 25 April 2020 | 02 Mei 2020 | 09 Mei 2020 |             |
| 1                | a1b0      | 4           | 7                                      | 7             | 8             | 8             | 10            | 10            | 12            | 14            | 14          | 16          | 10,0        |
| 2                | a1b0      | 4           | 7                                      | 9             | 10            | 10            | 11            | 11            | 13            | 13            | 16          | 18          | 11,1        |
| 3                | a1b0      | 6           | 7                                      | 7             | 7             | 9             | 10            | 10            | 10            | 12            | 14          | 14          | 9,6         |
| 4                | a1b0      | 5           | 7                                      | 7             | 7             | 10            | 10            | 10            | 12            | 12            | 14          | 16          | 10,0        |
| 5                | a1b0      | 4           | 7                                      | 7             | 8             | 8             | 8             | 8             | 10            | 10            | 12          | 12          | 8,5         |
| <b>RATA-RATA</b> |           | <b>4,6</b>  | <b>7,0</b>                             | <b>7,4</b>    | <b>8,0</b>    | <b>9,0</b>    | <b>9,8</b>    | <b>9,8</b>    | <b>11,4</b>   | <b>12,2</b>   | <b>14,0</b> | <b>15,2</b> | <b>9,85</b> |
| 1                | a1b1      | 5           | 8                                      | 8             | 8             | 8             | 10            | 12            | 12            | 12            | 14          | 14          | 10,1        |
| 2                | a1b1      | 4           | 8                                      | 9             | 9             | 9             | 10            | 12            | 14            | 14            | 16          | 18          | 11,2        |
| 3                | a1b1      | 4           | 4                                      | 7             | 9             | 9             | 9             | 10            | 12            | 14            | 14          | 16          | 9,8         |
| 4                | a1b1      | 6           | 7                                      | 9             | 9             | 9             | 9             | 11            | 13            | 13            | 16          | 16          | 10,7        |
| 5                | a1b1      | 6           | 6                                      | 6             | 6             | 10            | 12            | 16            | 16            | 16            | 18          | 18          | 11,8        |
| <b>RATA-RATA</b> |           | <b>5,0</b>  | <b>6,6</b>                             | <b>7,8</b>    | <b>8,2</b>    | <b>9,0</b>    | <b>10,0</b>   | <b>12,2</b>   | <b>13,4</b>   | <b>13,8</b>   | <b>15,6</b> | <b>16,4</b> | <b>10,7</b> |
| 1                | a1b2      | 4           | 6                                      | 6             | 9             | 10            | 10            | 12            | 12            | 12            | 14          | 14          | 9,9         |
| 2                | a1b2      | 6           | 6                                      | 7             | 7             | 7             | 10            | 10            | 12            | 12            | 14          | 15          | 9,6         |
| 3                | a1b2      | 4           | 7                                      | 7             | 9             | 10            | 12            | 12            | 14            | 14            | 14          | 16          | 10,8        |
| 4                | a1b2      | 6           | 8                                      | 8             | 8             | 10            | 10            | 12            | 14            | 16            | 16          | 18          | 11,5        |
| 5                | a1b2      | 4           | 4                                      | 6             | 6             | 6             | 8             | 8             | 10            | 10            | 12          | 12          | 7,8         |
| <b>RATA-RATA</b> |           | <b>4,8</b>  | <b>6,2</b>                             | <b>6,8</b>    | <b>7,8</b>    | <b>8,6</b>    | <b>10,0</b>   | <b>10,8</b>   | <b>12,4</b>   | <b>12,8</b>   | <b>14,0</b> | <b>15,0</b> | <b>9,9</b>  |

|                  |      |            |            |            |            |            |             |             |             |             |             |             |            |
|------------------|------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| 1                | a1b3 | 5          | 6          | 6          | 8          | 8          | 9           | 10          | 10          | 10          | 12          | 12          | 8,7        |
| 2                | a1b3 | 4          | 6          | 9          | 9          | 10         | 10          | 10          | 12          | 12          | 12          | 12          | 9,6        |
| 3                | a1b3 | 4          | 6          | 6          | 10         | 10         | 12          | 12          | 14          | 16          | 18          | 18          | 11,5       |
| 4                | a1b3 | 6          | 6          | 7          | 7          | 10         | 10          | 13          | 13          | 15          | 16          | 16          | 10,8       |
| 5                | a1b3 | 4          | 4          | 5          | 5          | 7          | 7           | 7           | 11          | 11          | 13          | 13          | 7,9        |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>5,6</b> | <b>6,6</b> | <b>7,8</b> | <b>9,0</b> | <b>9,6</b>  | <b>10,4</b> | <b>12,0</b> | <b>12,8</b> | <b>14,2</b> | <b>14,2</b> | <b>9,7</b> |
| 1                | a1b4 | 4          | 6          | 6          | 8          | 8          | 8           | 10          | 10          | 10          | 12          | 12          | 8,5        |
| 2                | a1b4 | 4          | 4          | 6          | 8          | 8          | 8           | 10          | 12          | 14          | 14          | 16          | 9,5        |
| 3                | a1b4 | 4          | 5          | 7          | 7          | 9          | 9           | 11          | 13          | 15          | 17          | 17          | 10,4       |
| 4                | a1b4 | 6          | 6          | 8          | 8          | 9          | 9           | 10          | 10          | 12          | 12          | 12          | 9,3        |
| 5                | a1b4 | 4          | 6          | 6          | 8          | 8          | 8           | 10          | 12          | 12          | 14          | 14          | 9,3        |
| <b>RATA-RATA</b> |      | <b>4,4</b> | <b>5,4</b> | <b>6,6</b> | <b>7,8</b> | <b>8,4</b> | <b>8,4</b>  | <b>10,2</b> | <b>11,4</b> | <b>12,6</b> | <b>13,8</b> | <b>14,2</b> | <b>9,4</b> |
| 1                | a2b0 | 6          | 6          | 8          | 8          | 8          | 10          | 10          | 12          | 12          | 14          | 14          | 9,8        |
| 2                | a2b0 | 6          | 8          | 8          | 10         | 10         | 11          | 11          | 12          | 12          | 12          | 12          | 10,2       |
| 3                | a2b0 | 6          | 7          | 7          | 7          | 7          | 10          | 10          | 10          | 10          | 12          | 12          | 8,9        |
| 4                | a2b0 | 5          | 6          | 9          | 9          | 9          | 9           | 11          | 11          | 13          | 13          | 15          | 10,0       |
| 5                | a2b0 | 6          | 8          | 8          | 10         | 10         | 10          | 10          | 12          | 12          | 12          | 12          | 10,0       |
| <b>RATA-RATA</b> |      | <b>5,8</b> | <b>7,0</b> | <b>8,0</b> | <b>8,8</b> | <b>8,8</b> | <b>10,0</b> | <b>10,4</b> | <b>11,4</b> | <b>11,8</b> | <b>12,6</b> | <b>13,0</b> | <b>9,8</b> |
| 1                | a2b1 | 6          | 6          | 7          | 10         | 10         | 10          | 10          | 12          | 12          | 14          | 14          | 10,1       |
| 2                | a2b1 | 5          | 6          | 7          | 9          | 9          | 9           | 10          | 10          | 10          | 12          | 12          | 9,0        |
| 3                | a2b1 | 5          | 5          | 7          | 7          | 9          | 9           | 11          | 11          | 11          | 13          | 13          | 9,2        |
| 4                | a2b1 | 6          | 6          | 6          | 6          | 8          | 10          | 12          | 12          | 14          | 14          | 16          | 10,0       |
| 5                | a2b1 | 4          | 6          | 7          | 8          | 8          | 10          | 10          | 12          | 14          | 14          | 16          | 9,9        |
| <b>RATA-RATA</b> |      | <b>5,2</b> | <b>5,8</b> | <b>6,8</b> | <b>8,0</b> | <b>8,8</b> | <b>9,6</b>  | <b>10,6</b> | <b>11,4</b> | <b>12,2</b> | <b>13,4</b> | <b>14,2</b> | <b>9,6</b> |

|                  |      |            |            |            |            |             |             |             |             |             |             |             |             |
|------------------|------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1                | a2b2 | 4          | 8          | 8          | 10         | 10          | 10          | 10          | 12          | 14          | 14          | 14          | 10,4        |
| 2                | a2b2 | 5          | 6          | 7          | 9          | 9           | 10          | 10          | 12          | 12          | 12          | 14          | 9,6         |
| 3                | a2b2 | 5          | 7          | 7          | 9          | 9           | 9           | 10          | 12          | 12          | 14          | 16          | 10,0        |
| 4                | a2b2 | 4          | 4          | 6          | 7          | 10          | 10          | 10          | 10          | 12          | 12          | 12          | 8,8         |
| 5                | a2b2 | 5          | 7          | 8          | 10         | 10          | 12          | 12          | 16          | 16          | 18          | 18          | 12,0        |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>6,4</b> | <b>7,2</b> | <b>9,0</b> | <b>9,6</b>  | <b>10,2</b> | <b>10,4</b> | <b>12,4</b> | <b>13,2</b> | <b>14,0</b> | <b>14,8</b> | <b>10,2</b> |
| 1                | a2b3 | 4          | 7          | 8          | 8          | 8           | 8           | 10          | 10          | 12          | 14          | 14          | 9,4         |
| 2                | a2b3 | 6          | 6          | 6          | 9          | 9           | 9           | 11          | 11          | 13          | 13          | 13          | 9,6         |
| 3                | a2b3 | 4          | 7          | 8          | 8          | 11          | 11          | 12          | 12          | 14          | 14          | 16          | 10,6        |
| 4                | a2b3 | 4          | 7          | 8          | 8          | 11          | 12          | 12          | 14          | 14          | 16          | 16          | 11,1        |
| 5                | a2b3 | 6          | 6          | 9          | 11         | 11          | 10          | 12          | 12          | 12          | 14          | 14          | 10,6        |
| <b>RATA-RATA</b> |      | <b>4,8</b> | <b>6,6</b> | <b>7,8</b> | <b>8,8</b> | <b>10,0</b> | <b>10,0</b> | <b>11,4</b> | <b>11,8</b> | <b>13,0</b> | <b>14,2</b> | <b>14,6</b> | <b>10,3</b> |
| 1                | a2b4 | 4          | 6          | 6          | 7          | 7           | 9           | 11          | 11          | 13          | 13          | 15          | 9,3         |
| 2                | a2b4 | 6          | 8          | 8          | 9          | 10          | 10          | 10          | 12          | 12          | 12          | 12          | 9,9         |
| 3                | a2b4 | 5          | 6          | 7          | 8          | 8           | 8           | 9           | 9           | 11          | 11          | 11          | 8,5         |
| 4                | a2b4 | 6          | 7          | 8          | 9          | 11          | 11          | 11          | 13          | 13          | 15          | 15          | 10,8        |
| 5                | a2b4 | 4          | 8          | 10         | 10         | 10          | 11          | 12          | 12          | 14          | 14          | 16          | 11,0        |
| <b>RATA-RATA</b> |      | <b>5,0</b> | <b>7,0</b> | <b>7,8</b> | <b>8,6</b> | <b>9,2</b>  | <b>9,8</b>  | <b>10,6</b> | <b>11,4</b> | <b>12,6</b> | <b>13,0</b> | <b>13,8</b> | <b>9,9</b>  |
| 1                | a3b0 | 4          | 7          | 7          | 10         | 12          | 12          | 12          | 12          | 14          | 14          | 14          | 10,7        |
| 2                | a3b0 | 4          | 7          | 9          | 9          | 11          | 11          | 12          | 12          | 12          | 14          | 14          | 10,5        |
| 3                | a3b0 | 5          | 6          | 6          | 8          | 9           | 10          | 10          | 10          | 10          | 10          | 10          | 8,5         |
| 4                | a3b0 | 6          | 6          | 7          | 7          | 9           | 9           | 9           | 11          | 11          | 13          | 13          | 9,2         |
| 5                | a3b0 | 5          | 6          | 7          | 9          | 9           | 10          | 10          | 10          | 10          | 12          | 12          | 9,1         |
| <b>RATA-RATA</b> |      | <b>4,8</b> | <b>6,4</b> | <b>7,2</b> | <b>8,6</b> | <b>10,0</b> | <b>10,4</b> | <b>10,6</b> | <b>11,0</b> | <b>11,4</b> | <b>12,6</b> | <b>12,6</b> | <b>9,6</b>  |

|                  |      |            |            |            |            |             |             |             |             |             |             |             |             |
|------------------|------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1                | a3b1 | 4          | 7          | 9          | 9          | 9           | 9           | 12          | 14          | 14          | 16          | 16          | 10,8        |
| 2                | a3b1 | 4          | 8          | 10         | 10         | 10          | 10          | 12          | 12          | 14          | 14          | 14          | 10,7        |
| 3                | a3b1 | 6          | 8          | 8          | 10         | 10          | 10          | 12          | 12          | 14          | 14          | 16          | 10,9        |
| 4                | a3b1 | 6          | 8          | 8          | 10         | 10          | 10          | 11          | 11          | 13          | 15          | 15          | 10,6        |
| 5                | a3b1 | 5          | 8          | 9          | 10         | 12          | 12          | 12          | 14          | 14          | 16          | 16          | 11,6        |
| <b>RATA-RATA</b> |      | <b>5,0</b> | <b>7,8</b> | <b>8,8</b> | <b>9,8</b> | <b>10,2</b> | <b>10,2</b> | <b>11,8</b> | <b>12,6</b> | <b>13,8</b> | <b>15,0</b> | <b>15,4</b> | <b>10,9</b> |
| 1                | a3b2 | 4          | 5          | 7          | 10         | 10          | 10          | 10          | 12          | 12          | 14          | 14          | 9,8         |
| 2                | a3b2 | 4          | 6          | 6          | 8          | 10          | 10          | 10          | 12          | 12          | 14          | 16          | 9,8         |
| 3                | a3b2 | 4          | 6          | 6          | 8          | 9           | 9           | 10          | 10          | 12          | 14          | 14          | 9,3         |
| 4                | a3b2 | 4          | 6          | 6          | 7          | 8           | 8           | 9           | 11          | 13          | 13          | 13          | 8,9         |
| 5                | a3b2 | 5          | 5          | 6          | 6          | 6           | 9           | 10          | 12          | 14          | 14          | 16          | 9,4         |
| <b>RATA-RATA</b> |      | <b>4,2</b> | <b>5,6</b> | <b>6,2</b> | <b>7,8</b> | <b>8,6</b>  | <b>9,2</b>  | <b>9,8</b>  | <b>11,4</b> | <b>12,6</b> | <b>13,8</b> | <b>14,6</b> | <b>9,4</b>  |
| 1                | a3b3 | 4          | 6          | 6          | 8          | 8           | 8           | 9           | 9           | 9           | 11          | 11          | 8,1         |
| 2                | a3b3 | 4          | 7          | 8          | 8          | 10          | 10          | 10          | 12          | 14          | 16          | 16          | 10,5        |
| 3                | a3b3 | 6          | 6          | 6          | 10         | 10          | 10          | 11          | 13          | 13          | 13          | 15          | 10,3        |
| 4                | a3b3 | 4          | 4          | 5          | 5          | 7           | 8           | 8           | 10          | 10          | 12          | 12          | 7,7         |
| 5                | a3b3 | 4          | 4          | 5          | 6          | 6           | 6           | 8           | 10          | 12          | 12          | 16          | 8,1         |
| <b>RATA-RATA</b> |      | <b>4,4</b> | <b>5,4</b> | <b>6,0</b> | <b>7,4</b> | <b>8,2</b>  | <b>8,4</b>  | <b>9,2</b>  | <b>10,8</b> | <b>11,6</b> | <b>12,8</b> | <b>14,0</b> | <b>8,9</b>  |
| 1                | a3b4 | 4          | 6          | 6          | 8          | 8           | 8           | 11          | 11          | 11          | 11          | 11          | 8,6         |
| 2                | a3b4 | 5          | 7          | 7          | 7          | 9           | 9           | 11          | 11          | 13          | 13          | 13          | 9,5         |
| 3                | a3b4 | 5          | 5          | 6          | 6          | 8           | 8           | 8           | 8           | 10          | 10          | 10          | 7,6         |
| 4                | a3b4 | 4          | 6          | 7          | 8          | 9           | 10          | 10          | 12          | 12          | 12          | 14          | 9,5         |
| 5                | a3b4 | 4          | 6          | 6          | 8          | 8           | 10          | 10          | 10          | 12          | 12          | 12          | 8,9         |
| <b>RATA-RATA</b> |      | <b>4,4</b> | <b>6,0</b> | <b>6,4</b> | <b>7,4</b> | <b>8,4</b>  | <b>9,0</b>  | <b>10,0</b> | <b>10,4</b> | <b>11,6</b> | <b>11,6</b> | <b>12,0</b> | <b>8,8</b>  |

|                  |      |            |            |            |            |            |            |             |             |             |             |             |             |
|------------------|------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1                | a4b0 | 4          | 6          | 6          | 9          | 9          | 9          | 9           | 11          | 13          | 13          | 13          | 9,3         |
| 2                | a4b0 | 4          | 6          | 7          | 10         | 10         | 10         | 10          | 12          | 12          | 12          | 12          | 9,5         |
| 3                | a4b0 | 6          | 6          | 7          | 8          | 8          | 9          | 9           | 11          | 13          | 13          | 15          | 9,5         |
| 4                | a4b0 | 5          | 5          | 7          | 8          | 8          | 8          | 8           | 10          | 10          | 12          | 12          | 8,5         |
| 5                | a4b0 | 4          | 6          | 6          | 8          | 8          | 10         | 10          | 12          | 12          | 14          | 14          | 9,5         |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>5,8</b> | <b>6,6</b> | <b>8,6</b> | <b>8,6</b> | <b>9,2</b> | <b>9,2</b>  | <b>11,2</b> | <b>12,0</b> | <b>12,8</b> | <b>13,2</b> | <b>9,3</b>  |
| 1                | a4b1 | 6          | 8          | 8          | 8          | 8          | 10         | 12          | 12          | 14          | 14          | 16          | 10,5        |
| 2                | a4b1 | 4          | 5          | 6          | 6          | 9          | 9          | 10          | 10          | 12          | 12          | 12          | 8,6         |
| 3                | a4b1 | 4          | 6          | 8          | 8          | 10         | 10         | 10          | 14          | 16          | 18          | 20          | 11,3        |
| 4                | a4b1 | 5          | 5          | 6          | 7          | 7          | 9          | 9           | 11          | 15          | 17          | 17          | 9,8         |
| 5                | a4b1 | 4          | 6          | 7          | 9          | 9          | 10         | 10          | 10          | 12          | 14          | 14          | 9,5         |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>6,0</b> | <b>7,0</b> | <b>7,6</b> | <b>8,6</b> | <b>9,6</b> | <b>10,2</b> | <b>11,4</b> | <b>13,8</b> | <b>15,0</b> | <b>15,8</b> | <b>10,0</b> |
| 1                | a4b2 | 5          | 5          | 7          | 10         | 10         | 10         | 10          | 12          | 14          | 14          | 16          | 10,3        |
| 2                | a4b2 | 4          | 4          | 6          | 9          | 9          | 9          | 10          | 10          | 13          | 14          | 14          | 9,3         |
| 3                | a4b2 | 4          | 5          | 6          | 9          | 10         | 10         | 12          | 12          | 14          | 14          | 16          | 10,2        |
| 4                | a4b2 | 4          | 4          | 6          | 7          | 8          | 8          | 8           | 10          | 10          | 10          | 12          | 7,9         |
| 5                | a4b2 | 6          | 8          | 8          | 9          | 9          | 10         | 10          | 10          | 12          | 14          | 14          | 10,0        |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>5,2</b> | <b>6,6</b> | <b>8,8</b> | <b>9,2</b> | <b>9,4</b> | <b>10,0</b> | <b>10,8</b> | <b>12,6</b> | <b>13,2</b> | <b>14,4</b> | <b>9,5</b>  |
| 1                | a4b3 | 4          | 6          | 6          | 9          | 9          | 9          | 10          | 12          | 14          | 16          | 18          | 10,3        |
| 2                | a4b3 | 6          | 6          | 8          | 10         | 10         | 10         | 10          | 12          | 12          | 14          | 16          | 10,4        |
| 3                | a4b3 | 5          | 5          | 7          | 7          | 7          | 10         | 11          | 11          | 13          | 17          | 18          | 10,1        |
| 4                | a4b3 | 4          | 6          | 8          | 8          | 10         | 10         | 10          | 12          | 14          | 14          | 16          | 10,2        |
| 5                | a4b3 | 4          | 6          | 8          | 9          | 9          | 10         | 10          | 12          | 14          | 16          | 18          | 10,5        |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>5,8</b> | <b>7,4</b> | <b>8,6</b> | <b>9,0</b> | <b>9,8</b> | <b>10,2</b> | <b>11,8</b> | <b>13,4</b> | <b>15,4</b> | <b>17,2</b> | <b>10,3</b> |

|                  |      |            |            |            |            |            |            |             |             |             |             |             |            |
|------------------|------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|------------|
| 1                | a4b4 | 4          | 6          | 6          | 6          | 8          | 8          | 10          | 12          | 14          | 16          | 18          | 9,8        |
| 2                | a4b4 | 6          | 6          | 6          | 10         | 12         | 12         | 12          | 12          | 14          | 16          | 16          | 11,1       |
| 3                | a4b4 | 4          | 6          | 6          | 6          | 6          | 7          | 7           | 9           | 9           | 11          | 13          | 7,6        |
| 4                | a4b4 | 5          | 5          | 6          | 8          | 9          | 11         | 11          | 13          | 13          | 13          | 13          | 9,7        |
| 5                | a4b4 | 4          | 6          | 6          | 9          | 10         | 10         | 10          | 10          | 10          | 10          | 10          | 8,6        |
| <b>RATA-RATA</b> |      | <b>4,6</b> | <b>5,8</b> | <b>6,0</b> | <b>7,8</b> | <b>9,0</b> | <b>9,6</b> | <b>10,0</b> | <b>11,2</b> | <b>12,0</b> | <b>13,2</b> | <b>14,0</b> | <b>9,4</b> |

**Lampiran 4.** Data Hasil Pengukuran Nisbah Pucuk Akar (NPA)

| No. | Perlakuan | Berat Kering        |          | Total | Nisbah Pucuk Akar | Rata-Rata Nilai NPA |
|-----|-----------|---------------------|----------|-------|-------------------|---------------------|
|     |           | Daun dan batang (g) | Akar (g) |       |                   |                     |
| 1   | a1b0      | 1,98                | 1,87     | 3,85  | 1,06              | 1,23                |
| 2   | a1b0      | 2,08                | 1,48     | 3,56  | 1,41              |                     |
| 3   | a1b1      | 1,77                | 0,44     | 2,21  | 4,02              | 3,06                |
| 4   | a1b1      | 2,37                | 1,13     | 3,50  | 2,10              |                     |
| 5   | a1b2      | 2,45                | 1,62     | 4,07  | 1,51              | 1,91                |
| 6   | a1b2      | 3,15                | 1,37     | 4,52  | 2,30              |                     |
| 7   | a1b3      | 2,96                | 1,06     | 4,02  | 2,79              | 2,37                |
| 8   | a1b3      | 2,25                | 1,15     | 3,40  | 1,96              |                     |
| 9   | a1b4      | 1,20                | 0,19     | 1,39  | 6,32              | 4,15                |
| 10  | a1b4      | 2,16                | 1,09     | 3,25  | 1,98              |                     |
| 11  | a2b0      | 1,22                | 0,55     | 1,77  | 2,22              | 1,93                |
| 12  | a2b0      | 1,64                | 1,00     | 2,64  | 1,64              |                     |
| 13  | a2b1      | 3,17                | 1,31     | 4,48  | 2,42              | 2,06                |
| 14  | a2b1      | 1,88                | 1,10     | 2,98  | 1,71              |                     |
| 15  | a2b2      | 2,82                | 1,08     | 3,90  | 2,61              | 2,35                |
| 16  | a2b2      | 1,63                | 0,78     | 2,41  | 2,09              |                     |
| 17  | a2b3      | 2,02                | 0,98     | 3,00  | 2,06              | 2,31                |
| 18  | a2b3      | 3,18                | 1,24     | 4,42  | 2,56              |                     |
| 19  | a2b4      | 2,89                | 1,23     | 4,12  | 2,35              | 2,82                |
| 20  | a2b4      | 3,65                | 1,11     | 4,76  | 3,29              |                     |
| 21  | a3b0      | 1,68                | 1,26     | 2,94  | 1,33              | 1,52                |
| 22  | a3b0      | 1,59                | 0,93     | 2,52  | 1,71              |                     |
| 23  | a3b1      | 2,30                | 1,10     | 3,40  | 2,09              | 2,25                |
| 24  | a3b1      | 2,03                | 0,84     | 2,87  | 2,42              |                     |
| 25  | a3b2      | 1,78                | 1,04     | 2,82  | 1,71              | 1,65                |
| 26  | a3b2      | 2,12                | 1,33     | 3,45  | 1,59              |                     |
| 27  | a3b3      | 2,10                | 0,85     | 2,95  | 2,47              | 2,48                |
| 28  | a3b3      | 3,65                | 1,47     | 5,12  | 2,48              |                     |
| 29  | a3b4      | 0,64                | 0,25     | 0,89  | 2,56              | 3,10                |
| 30  | a3b4      | 1,75                | 0,48     | 2,23  | 3,65              |                     |
| 31  | a4b0      | 1,72                | 1,21     | 2,93  | 1,42              | 2,16                |
| 32  | a4b0      | 0,58                | 0,20     | 0,78  | 2,90              |                     |
| 33  | a4b1      | 2,34                | 0,93     | 3,27  | 2,52              | 2,80                |
| 34  | a4b1      | 2,22                | 0,72     | 2,94  | 3,08              |                     |
| 35  | a4b2      | 3,90                | 1,88     | 5,78  | 2,07              | 2,43                |
| 36  | a4b2      | 3,14                | 1,13     | 4,27  | 2,78              |                     |

|    |      |      |      |      |      |      |
|----|------|------|------|------|------|------|
| 37 | a4b3 | 2,21 | 0,91 | 3,12 | 2,43 | 2,54 |
| 38 | a4b3 | 2,14 | 0,81 | 2,95 | 2,64 |      |
| 39 | a4b4 | 1,61 | 0,60 | 2,21 | 2,68 | 2,56 |
| 40 | a4b4 | 2,05 | 0,84 | 2,89 | 2,44 |      |



**Lampiran 5.** Data Hasil Pengukuran Indeks Kualitas Bibit Semai Jabon Merah

| No | Perlakuan | Total Berat Kering Bibit (g) | Nisbah Pucuk Akar | Tinggi (cm) | Diameter (mm) | Kekokohan | IKB  | Rata-rata |
|----|-----------|------------------------------|-------------------|-------------|---------------|-----------|------|-----------|
| 1  | a1b0      | 3,85                         | 1,06              | 3,87        | 4,42          | 0,88      | 1,99 | 1,67      |
| 2  | a1b0      | 3,56                         | 1,41              | 4,89        | 4,01          | 1,22      | 1,36 |           |
| 3  | a1b1      | 2,21                         | 4,02              | 4,83        | 3,40          | 1,42      | 0,41 | 0,74      |
| 4  | a1b1      | 3,5                          | 2,10              | 4,94        | 4,29          | 1,15      | 1,08 |           |
| 5  | a1b2      | 4,07                         | 1,51              | 4,01        | 4,45          | 0,90      | 1,69 | 1,45      |
| 6  | a1b2      | 4,52                         | 2,30              | 4,44        | 3,14          | 1,41      | 1,22 |           |
| 7  | a1b3      | 4,02                         | 2,79              | 3,65        | 4,24          | 0,86      | 1,10 | 1,14      |
| 8  | a1b3      | 3,4                          | 1,96              | 3,75        | 4,08          | 0,92      | 1,18 |           |
| 9  | a1b4      | 1,39                         | 6,32              | 3,09        | 2,69          | 1,15      | 0,19 | 0,69      |
| 10 | a1b4      | 3,25                         | 1,98              | 2,70        | 3,72          | 0,73      | 1,20 |           |
| 11 | a2b0      | 1,77                         | 2,22              | 3,23        | 3,84          | 0,84      | 0,58 | 0,78      |
| 12 | a2b0      | 2,64                         | 1,64              | 4,64        | 4,43          | 1,05      | 0,98 |           |
| 13 | a2b1      | 4,48                         | 2,42              | 5,39        | 4,14          | 1,30      | 1,20 | 1,11      |
| 14 | a2b1      | 2,98                         | 1,71              | 5,11        | 4,24          | 1,20      | 1,02 |           |
| 15 | a2b2      | 3,9                          | 2,61              | 4,62        | 4,01          | 1,15      | 1,04 | 0,88      |
| 16 | a2b2      | 2,41                         | 2,09              | 4,93        | 3,89          | 1,27      | 0,72 |           |
| 17 | a2b3      | 3                            | 2,06              | 4,22        | 3,74          | 1,13      | 0,94 | 1,05      |
| 18 | a2b3      | 4,42                         | 2,56              | 4,63        | 3,64          | 1,27      | 1,15 |           |
| 19 | a2b4      | 4,12                         | 2,35              | 3,54        | 3,57          | 0,99      | 1,23 | 1,17      |
| 20 | a2b4      | 4,76                         | 3,29              | 3,65        | 3,49          | 1,05      | 1,10 |           |
| 21 | a3b0      | 2,94                         | 1,33              | 4,44        | 3,30          | 1,35      | 1,10 | 0,98      |
| 22 | a3b0      | 2,52                         | 1,71              | 4,74        | 4,01          | 1,18      | 0,87 |           |
| 23 | a3b1      | 3,4                          | 2,09              | 6,02        | 4,32          | 1,39      | 0,98 | 0,88      |
| 24 | a3b1      | 2,87                         | 2,42              | 4,71        | 3,78          | 1,25      | 0,78 |           |
| 25 | a3b2      | 2,82                         | 1,71              | 4,02        | 3,86          | 1,04      | 1,02 | 1,11      |
| 26 | a3b2      | 3,45                         | 1,59              | 5,66        | 4,34          | 1,30      | 1,19 |           |
| 27 | a3b3      | 2,95                         | 2,47              | 3,43        | 3,37          | 1,02      | 0,85 | 1,15      |
| 28 | a3b3      | 5,12                         | 2,48              | 4,59        | 4,43          | 1,04      | 1,46 |           |
| 29 | a3b4      | 0,89                         | 2,56              | 2,99        | 3,14          | 0,95      | 0,25 | 0,39      |
| 30 | a3b4      | 2,23                         | 3,65              | 1,87        | 3,48          | 0,54      | 0,53 |           |
| 31 | a4b0      | 2,93                         | 1,42              | 3,89        | 4,06          | 0,96      | 1,23 | 0,72      |
| 32 | a4b0      | 0,78                         | 2,90              | 2,63        | 2,64          | 1,00      | 0,20 |           |
| 33 | a4b1      | 3,27                         | 2,52              | 4,28        | 3,83          | 1,12      | 0,90 | 0,79      |
| 34 | a4b1      | 2,94                         | 3,08              | 4,34        | 3,39          | 1,28      | 0,67 |           |
| 35 | a4b2      | 5,78                         | 2,07              | 4,31        | 4,26          | 1,01      | 1,88 | 1,57      |
| 36 | a4b2      | 4,72                         | 2,78              | 3,84        | 4,13          | 0,93      | 1,27 |           |

|    |      |      |      |      |      |      |      |      |
|----|------|------|------|------|------|------|------|------|
| 37 | a4b3 | 3,12 | 2,43 | 5,33 | 3,84 | 1,39 | 0,82 | 0,79 |
| 38 | a4b3 | 2,95 | 2,64 | 3,72 | 3,11 | 1,19 | 0,77 |      |
| 39 | a4b4 | 2,21 | 2,68 | 3,97 | 3,56 | 1,12 | 0,58 | 0,70 |
| 40 | a4b4 | 2,89 | 2,44 | 3,86 | 3,47 | 1,11 | 0,81 |      |

**Lampiran 6.** Data Rata-rata Pertumbuhan Tinggi, Diameter, dan Jumlah Helai daun Semai Jabon

| No. | Perlakuan | Rata-rata Pertumbuhan |          |            |
|-----|-----------|-----------------------|----------|------------|
|     |           | Tinggi                | Diameter | Helai Daun |
| 1   | a1b0      | 5,46                  | 3,92     | 10,60      |
| 2   | a1b1      | 7,64                  | 3,53     | 11,40      |
| 3   | a1b2      | 6,98                  | 3,65     | 10,20      |
| 4   | a1b3      | 6,90                  | 4,07     | 9,60       |
| 5   | a1b4      | 6,56                  | 4,01     | 9,80       |
| 6   | a2b0      | 4,42                  | 3,46     | 7,20       |
| 7   | a2b1      | 5,78                  | 3,64     | 9,00       |
| 8   | a2b2      | 6,70                  | 3,12     | 10,20      |
| 9   | a2b3      | 6,40                  | 3,43     | 9,80       |
| 10  | a2b4      | 4,00                  | 4,22     | 8,80       |
| 11  | a3b0      | 4,28                  | 3,17     | 7,80       |
| 12  | a3b1      | 6,72                  | 3,21     | 10,40      |
| 13  | a3b2      | 6,80                  | 3,01     | 10,40      |
| 14  | a3b3      | 7,54                  | 3,13     | 9,60       |
| 15  | a3b4      | 3,76                  | 3,23     | 7,60       |
| 16  | a4b0      | 4,22                  | 2,93     | 8,60       |
| 17  | a4b1      | 9,16                  | 3,64     | 11,20      |
| 18  | a4b2      | 6,40                  | 3,31     | 9,80       |
| 19  | a4b3      | 10,24                 | 4,62     | 12,60      |
| 20  | a4b4      | 7,06                  | 4,01     | 9,40       |

**Lampiran 7.** Hasil Analisis Kandungan Unsur Hara pada Pupuk Kompos

| No | Parameter                     | Kadar Hara | Kriteria      |
|----|-------------------------------|------------|---------------|
| 1  | N-Total                       | 0,35 %     | Tinggi        |
| 2  | P <sub>2</sub> O <sub>3</sub> | 1,41       | Sangat Rendah |
| 3  | K <sub>2</sub> O              | 2,36       | Sangat Rendah |
| 4  | pH                            | 6,40       | Masam         |
| 5  | C-Organik                     | 38,88 %    | Tinggi        |
| 6  | Kadar Air                     | 53,88 %    | Tinggi        |
| 7  | C/N                           | 111        | Sangat Tinggi |

**Lampiran 8.** Hasil Analisis Kandungan Unsur Hara pada Top Soil

| No | Parameter                     | Kadar Hara | Kriteria      |
|----|-------------------------------|------------|---------------|
| 1  | pH                            | 5,53       | Agak Masam    |
| 2  | C                             | 0,81       | Sangat Rendah |
| 3  | N-Total                       | 0,16 %     | Rendah        |
| 4  | C/N                           | 5,06       | Rendah        |
| 5  | K                             | 0,26 %     | Rendah        |
| 6  | P <sub>2</sub> O <sub>5</sub> | 19,62      | Tinggi        |

**Lampiran 9. Dokumentasi**



Pencampuran Media Tanam



Pengisian *Polybag*



Proses Penyapihan



Pengukuran Semai



Proses Pengeringan NPA



Penimbangan Berat NPA