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# LAMPIRAN

## LAMPIRAN 1

### DATA INDIVIDU JENIS DALAM PLOT 2M X 2M

| PLOT | NO,<br>POHON | NAMA LOKAL            | KELILING<br>CM | TINGGI<br>M | DBH<br>CM | LBDS<br>(cm2) |
|------|--------------|-----------------------|----------------|-------------|-----------|---------------|
| A 1  | 1            | Acacia mangium        | 4              | 1.4         | 1.3       | 1             |
| A2   | 1            | Acacia auriculiformis | 7              | 1.5         | 2.2       | 1.75          |
|      | 2            | Acacia auriculiformis | 5              | 1.2         | 1.6       | 1.25          |
| A 3  | 1            | Acacia auriculiformis | 9              | 1.4         | 2.9       | 2.25          |
|      | 2            | Acacia mangium        | 11             | 1.5         | 3.5       | 2.75          |
|      | 3            | Acacia auriculiformis | 10             | 1.5         | 3.2       | 2.5           |
| A4   | 1            | Acacia auriculiformis | 5              | 1.3         | 1.6       | 1.25          |
|      | 2            | Acacia mangium        | 4              | 1.2         | 1.3       | 1             |
|      | 3            | Acacia mangium        | 4              | 1.4         | 1.3       | 1             |
| B5   |              |                       |                |             | 0.0       | 0             |
| B6   | 1            | Acacia crasicaarpa    | 3              | 1.1         | 1.0       | 0.75          |
|      | 2            | Acacia crasicaarpa    | 3              | 1           | 1.0       | 0.75          |
|      | 3            | Acacia crasicaarpa    | 3              | 1           | 1.0       | 0.75          |
| B7   | 1            | Acacia auriculiformis | 5              | 1.3         | 1.6       | 1.25          |
| B8   |              |                       |                |             | 0.0       | 0             |
| C9   |              |                       |                |             | 0.0       | 0             |
| C10  |              |                       |                |             | 0.0       | 0             |
| C11  | 1            | Acacia crasicaarpa    | 3              | 1.4         | 1.0       | 0.75          |
| C12  |              |                       |                |             | 0.0       | 0             |
|      |              |                       |                |             | 0.0       | 0             |
|      |              |                       |                |             | 0.0       | 0             |
| D 13 | 1            | Acacia auriculiformis | 8              | 1.2         | 2.5       | 2             |
|      | 2            | Acacia auriculiformis | 7              | 1.3         | 2.2       | 1.75          |
|      | 3            | Acacia auriculiformis | 8              | 1.5         | 2.5       | 2             |
| D14  | 1            | Acacia mangium        | 10             | 1.4         | 3.2       | 2.5           |
|      | 2            | Acacia auriculiformis | 9              | 1.4         | 2.9       | 2.25          |
|      | 3            | Acacia auriculiformis | 7              | 1.3         | 2.2       | 1.75          |
|      | 5            | Acacia mangium        | 6              | 1.2         | 1.9       | 1.5           |
| D 15 | 1            | Acacia mangium        | 2              | 0.7         | 0.6       | 0.5           |
| D 16 |              |                       |                |             | 0.0       | 0             |
| E 17 | 1            | Acacia mangium        | 8              | 1.4         | 2.5       | 2             |
|      | 2            | Acacia mangium        | 10             | 1.1         | 3.2       | 2.5           |
|      | 3            | Acacia crasicaarpa    | 7              | 1           | 2.2       | 1.75          |
| E18  | 1            | Acacia crasicaarpa    | 7              | 1.2         | 2.2       | 1.75          |
|      | 2            | Acacia crasicaarpa    | 9              | 1           | 2.9       | 2.25          |
| E 19 | 1            | Acacia mangium        | 11             | 1.1         | 3.5       | 2.75          |
| E 20 | 1            | Acacia auriculiformis | 13             | 1.5         | 4.1       | 3.25          |
| F 21 | 1            | Acacia auriculiformis | 8              | 1.3         | 2.5       | 2             |

|      |                |                       |     |     |     |                |
|------|----------------|-----------------------|-----|-----|-----|----------------|
|      | 2              | Acacia auriculiformis | 7   | 1.5 | 2.2 | 1.75           |
|      | 3              | Acacia auriculiformis | 8   | 1.2 | 2.5 | 2              |
| F22  | 1              | Acacia crasicearpa    | 9   | 1.2 | 2.9 | 2.25           |
|      | 2              | Acacia auriculiformis | 6   | 1.1 | 1.9 | 1.5            |
|      | 3              | Acacia auriculiformis | 8   | 1.5 | 2.5 | 2              |
|      | 4              | Acacia mangium        | 9   | 1.5 | 2.9 | 2.25           |
| F23  | 1              | Acacia crasicearpa    | 7   | 1.4 | 2.2 | 1.75           |
|      | 2              | Acacia crasicearpa    | 4   | 0.9 | 1.3 | 1              |
| F 24 | 1              | Acacia crasicearpa    | 7   | 1.4 | 2.2 | 1.75           |
|      | 2              | Acacia crasicearpa    | 8   | 1.5 | 2.5 | 2              |
| G 25 |                |                       |     |     | 0.0 | 0              |
| G 26 |                |                       |     |     | 0.0 | 0              |
| G 27 | 1              | Acacia crasicearpa    | 8   | 1.5 | 2.5 | 2              |
|      | 2              | Acacia crasicearpa    | 7   | 1.3 | 2.2 | 1.75           |
| G 28 |                |                       |     |     |     | 0              |
| H 29 | 1              | Acacia mangium        | 8   | 1.2 | 2.5 | 2              |
|      | 2              | Acacia auriculiformis | 9   | 1.5 | 2.9 | 2.25           |
| H 30 |                |                       |     |     | 0.0 | 0              |
| H 31 | 1              | Acacia mangium        | 3   | 0.7 | 1.0 | 0.75           |
|      | 2              | Acacia mangium        | 2   | 0.6 | 0.6 | 0.5            |
|      | 3              | Acacia auriculiformis | 4   | 1.2 | 1.3 | 1              |
|      | 4              | Acacia auriculiformis | 7   | 1.1 | 2.2 | 1.75           |
| H 32 |                |                       |     |     | 0.0 | 0              |
| I 33 | 1              | Acacia auriculiformis | 3   | 0.8 | 1.0 | 0.75           |
| I 34 | 1              | Acacia auriculiformis | 6   | 1.2 | 1.9 | 1.5            |
|      | 2              | Acacia auriculiformis | 4   | 0.9 | 1.3 | 1              |
| I 34 | 1              | Acacia auriculiformis | 6   | 1.2 | 1.9 | 1.5            |
|      | 2              | Acacia auriculiformis | 4   | 0.9 | 1.3 | 1              |
|      | RATA -<br>RATA |                       | 6.6 | 1.2 | 1.7 | 1.3461538<br>5 |

## LAMPIRAN 2

### DATA INDIVIDU JENIS DALAM PLOT 5M X 5M

| PLOT | NO<br>POHON | NAMA LOKAL               | KELILIN<br>G CM | TINGGI<br>M | DBH<br>CM | LBDS<br>(cm <sup>2</sup> ) |
|------|-------------|--------------------------|-----------------|-------------|-----------|----------------------------|
| A 1  | 1           | Acacia<br>auriculiformis | 10              | 2.6         | 3.18      | 2.5                        |

|      |   |                       |    |     |      |      |
|------|---|-----------------------|----|-----|------|------|
|      | 2 | Acacia auriculiformis | 8  | 2.2 | 2.55 | 2    |
|      | 3 | Acacia auriculiformis | 8  | 1.8 | 2.55 | 2    |
|      | 4 | Acacia auriculiformis | 7  | 1.8 | 2.23 | 1.75 |
|      | 1 | Acacia crassicarpa    | 12 | 3.6 | 3.82 | 3    |
| A 2  | 1 | Acacia auriculiformis | 9  | 2.5 | 2.87 | 2.25 |
|      | 2 | Acacia crassicarpa    | 25 | 4.4 | 7.96 | 6.25 |
|      | 3 | Acacia mangium        | 16 | 4.5 | 5.10 | 4    |
|      | 4 | Acacia auriculiformis | 26 | 4.5 | 8.28 | 6.5  |
| A 3  | 1 | Acacia auriculiformis | 13 | 3.9 | 4.14 | 3.25 |
|      | 2 | Acacia mangium        | 11 | 3   | 3.50 | 2.75 |
| A4   | 1 | Acacia auriculiformis | 17 | 2.5 | 5.41 | 4.25 |
| B5   |   |                       |    |     | 0.00 | 0    |
| B6   |   |                       |    |     | 0.00 | 0    |
| B7   | 1 | Acacia auriculiformis | 27 | 7   | 8.60 | 6.75 |
| B8   |   |                       |    |     | 0.00 | 0    |
| C9   | 1 | Acacia crassicarpa    | 17 | 3   | 5.41 | 4.25 |
|      | 2 | Acacia crassicarpa    | 9  | 3.1 | 2.87 | 2.25 |
|      | 3 | Acacia mangium        | 16 | 2.1 | 5.10 | 4    |
|      | 4 | Acacia crassicarpa    | 16 | 4.1 | 5.10 | 4    |
| C10  | 1 | Acacia crassicarpa    | 24 | 6.5 | 7.64 | 6    |
|      | 2 | Acacia crassicarpa    | 21 | 4.5 | 6.69 | 5.25 |
|      | 3 | Acacia crassicarpa    | 19 | 4   | 6.05 | 4.75 |
| C11  | 1 | Acacia mangium        | 9  | 2.3 | 2.87 | 2.25 |
|      | 2 | Acacia crassicarpa    | 12 | 2.3 | 3.82 | 3    |
|      | 3 | Acacia crassicarpa    | 15 | 2.7 | 4.78 | 3.75 |
|      | 4 | Acacia crassicarpa    | 19 | 2.9 | 6.05 | 4.75 |
|      | 5 | Acacia crassicarpa    | 13 | 2.6 | 4.14 | 3.25 |
| C 12 |   |                       |    |     | 0.00 | 0    |
| D 13 | 1 | Acacia auriculiformis | 10 | 2.8 | 3.18 | 2.5  |
|      | 2 | Acacia mangium        | 20 | 4.2 | 6.37 | 5    |
|      | 3 | Acacia mangium        | 23 | 4.5 | 7.32 | 5.75 |
|      | 4 | Acacia auriculiformis | 18 | 4.5 | 5.73 | 4.5  |
| D 14 | 1 | Acacia auriculiformis | 10 | 3   | 3.18 | 2.5  |
|      | 2 | Acacia mangium        | 15 | 5   | 4.78 | 3.75 |
|      | 3 | Acacia mangium        | 16 | 4.5 | 5.10 | 4    |
|      | 3 | Acacia mangium        | 15 | 4.8 | 4.78 | 3.75 |

|      |    |                       |    |     |       |      |
|------|----|-----------------------|----|-----|-------|------|
| D 15 |    |                       |    |     | 0.00  | 0    |
| D 16 |    |                       |    |     | 0.00  | 0    |
| E 17 | 1  | Acacia crassicarpa    | 17 | 4   | 5.41  | 4.25 |
|      | 2  | Acacia crassicarpa    | 20 | 4.7 | 6.37  | 5    |
|      | 3  | Acacia crassicarpa    | 23 | 5.1 | 7.32  | 5.75 |
|      | 4  | Acacia auriculiformis | 19 | 5.1 | 6.05  | 4.75 |
|      | 5  | Acacia auriculiformis | 20 | 3.8 | 6.37  | 5    |
|      | 6  | Acacia crassicarpa    | 18 | 5.1 | 5.73  | 4.5  |
|      | 7  | Acacia auriculiformis | 18 | 3.2 | 5.73  | 4.5  |
|      | 8  | Acacia crassicarpa    | 21 | 5.4 | 6.69  | 5.25 |
|      | 9  | Acacia mangium        | 12 | 4.7 | 3.82  | 3    |
|      | 10 | Acacia mangium        | 19 | 5.2 | 6.05  | 4.75 |
|      | 11 | Acacia auriculiformis | 17 | 4.7 | 5.41  | 4.25 |
| E 18 | 1  | Acacia auriculiformis | 24 | 3.1 | 7.64  | 6    |
|      | 2  | Acacia auriculiformis | 22 | 4.5 | 7.01  | 5.5  |
|      | 3  | Acacia mangium        | 25 | 3.1 | 7.96  | 6.25 |
|      | 4  | Acacia crassicarpa    | 27 | 3.5 | 8.60  | 6.75 |
|      | 5  | Acacia crassicarpa    | 26 | 4.1 | 8.28  | 6.5  |
|      | 6  | Acacia crassicarpa    | 23 | 3.2 | 7.32  | 5.75 |
|      | 7  | Acacia crassicarpa    | 21 | 3   | 6.69  | 5.25 |
| E 19 |    |                       |    |     | 0.00  | 0    |
| E 20 | 1  | Acacia auriculiformis | 32 | 6.1 | 10.19 | 8    |
|      | 2  | Acacia auriculiformis | 27 | 5.7 | 8.60  | 6.75 |
| F21  | 1  | Acacia auriculiformis | 17 | 4.5 | 5.41  | 4.25 |
|      | 2  | Acacia auriculiformis | 15 | 4.8 | 4.78  | 3.75 |
|      | 3  | Acacia auriculiformis | 25 | 6.1 | 7.96  | 6.25 |
|      | 4  | Acacia auriculiformis | 22 | 4   | 7.01  | 5.5  |
|      | 5  | Acacia auriculiformis | 23 | 4.2 | 7.32  | 5.75 |
| F22  | 1  | Acacia crassicarpa    | 31 | 7.2 | 9.87  | 7.75 |
|      | 2  | Acacia auriculiformis | 32 | 5.5 | 10.19 | 8    |
|      | 3  | Acacia auriculiformis | 23 | 6.7 | 7.32  | 5.75 |
| F23  | 1  | Acacia crassicarpa    | 6  | 1.8 | 1.91  | 1.5  |
|      | 2  | Acacia crassicarpa    | 6  | 1.6 | 1.91  | 1.5  |
|      | 3  | Acacia crassicarpa    | 8  | 2.4 | 2.55  | 2    |

|      |    |                       |    |     |      |      |
|------|----|-----------------------|----|-----|------|------|
|      | 4  | Acacia crassicarpa    | 10 | 3   | 3.18 | 2.5  |
|      | 5  | Acacia crassicarpa    | 10 | 2.8 | 3.18 | 2.5  |
|      | 6  | Acacia crassicarpa    | 15 | 3.5 | 4.78 | 3.75 |
|      | 7  | Acacia crassicarpa    | 15 | 3.8 | 4.78 | 3.75 |
|      | 8  | Acacia crassicarpa    | 12 | 2   | 3.82 | 3    |
|      | 9  | Acacia mangium        | 14 | 4.5 | 4.46 | 3.5  |
|      | 10 | Acacia mangium        | 15 | 6   | 4.78 | 3.75 |
|      | 11 | Acacia crassicarpa    | 18 | 3   | 5.73 | 4.5  |
| F24  | 1  | Acacia crassicarpa    | 10 | 2.7 | 3.18 | 2.5  |
|      | 2  | Acacia crassicarpa    | 11 | 3.1 | 3.50 | 2.75 |
|      | 3  | Acacia crassicarpa    | 12 | 3.2 | 3.82 | 3    |
|      | 4  | Acacia crassicarpa    | 10 | 2.7 | 3.18 | 2.5  |
|      | 5  | Acacia crassicarpa    | 14 | 3.4 | 4.46 | 3.5  |
|      | 6  | Acacia mangium        | 13 | 3.4 | 4.14 | 3.25 |
|      | 7  | Acacia crassicarpa    | 13 | 3.4 | 4.14 | 3.25 |
|      | 8  | Acacia crassicarpa    | 14 | 4.7 | 4.46 | 3.5  |
|      | 9  | Acacia crassicarpa    | 15 | 3.2 | 4.78 | 3.75 |
|      | 10 | Acacia crassicarpa    | 20 | 5.2 | 6.37 | 5    |
|      | 11 | Acacia crassicarpa    | 15 | 3.3 | 4.78 | 3.75 |
|      | 12 | Acacia crassicarpa    | 11 | 3.7 | 3.50 | 2.75 |
| G 25 | 1  | Acacia mangium        | 25 | 2.5 | 7.96 | 6.25 |
|      | 2  | Acacia crassicarpa    | 20 | 5   | 6.37 | 5    |
|      | 3  | Acacia crassicarpa    | 29 | 6.7 | 9.24 | 7.25 |
|      | 4  | Acacia crassicarpa    | 22 | 7.8 | 7.01 | 5.5  |
| G26  | 1  | Acacia crassicarpa    | 27 | 8.1 | 8.60 | 6.75 |
|      | 2  | Acacia crassicarpa    | 25 | 4   | 7.96 | 6.25 |
| G27  | 1  | Acacia crassicarpa    | 15 | 4   | 4.78 | 3.75 |
|      | 2  | Acacia crassicarpa    | 18 | 5   | 5.73 | 4.5  |
|      | 1  | Acacia mangium        | 8  | 1.6 | 2.55 | 2    |
|      | 2  | Acacia mangium        | 18 | 5.8 | 5.73 | 4.5  |
|      | 3  | Acacia mangium        | 13 | 5.5 | 4.14 | 3.25 |
| G 28 |    |                       |    |     |      | 0    |
| H 29 | 1  | Acacia mangium        | 8  | 1.6 | 2.55 | 2    |
|      | 2  | Acacia mangium        | 18 | 5.8 | 5.73 | 4.5  |
|      | 3  | Acacia mangium        | 13 | 5.5 | 4.14 | 3.25 |
| H 30 | 1  | Acacia auriculiformis | 30 | 8.2 | 9.55 | 7.5  |
| H 31 | 1  | Acacia auriculiformis | 10 | 3.2 | 3.18 | 2.5  |
|      | 2  | Acacia auriculiformis | 9  | 3   | 2.87 | 2.25 |
|      | 3  | Acacia auriculiformis | 28 | 5.5 | 8.92 | 7    |
| H 32 | 1  | Acacia auriculiformis | 30 | 6.6 | 9.55 | 7.5  |

|      |             |                       |       |      |      |             |
|------|-------------|-----------------------|-------|------|------|-------------|
|      | 2           | Acacia crasscarpa     | 27    | 5.5  | 8.60 | 6.75        |
| I 33 | 1           | Acacia mangium        | 16    | 3.1  | 5.10 | 4           |
| I 34 | 1           | Acacia auriculiformis | 12    | 3.4  | 3.82 | 3           |
|      | 2           | Acacia auriculiformis | 27    | 6.2  | 8.60 | 6.75        |
|      | 3           | Acacia mangium        | 29    | 7.2  | 9.24 | 7.25        |
|      | 4           | Acacia crasscarpa     | 9     | 3    | 2.87 | 2.25        |
|      | 5           | Acacia auriculiformis | 9     | 3.2  | 2.87 | 2.25        |
|      | 6           | Acacia auriculiformis | 15    | 2.5  | 4.78 | 3.75        |
|      | 7           | Acacia auriculiformis | 23    | 5.5  | 7.32 | 5.75        |
|      | RATA - RATA |                       | 17.37 | 4.10 | 5.21 | 4.086134454 |

### LAMPIRAN 3

#### DATA INDIVIDU JENIS DALAM PLOT 10M X10M

| PLOT | NO POHON | NAMA LOKAL            | DBH CM | TINGGI M | KELILING CM | LBDS cm2 |
|------|----------|-----------------------|--------|----------|-------------|----------|
| A 1  | 1        | Acacia mangium        | 33     | 6.4      | 10.5        | 8.25     |
|      | 2        | Acacia crasicarpa     | 34     | 6.2      | 10.8        | 8.5      |
| A 2  | 1        | Acacia auriculiformis | 40     | 7.5      | 12.7        | 10       |
| A3   | 1        | Acacia crasicarpa     | 41     | 14.5     | 13.1        | 10.25    |
| A4   |          |                       |        |          | 0.0         | 0        |
| B5   | 1        | Acacia crasicarpa     | 40     | 7        | 12.7        | 10       |
|      | 2        | Acacia crasicarpa     | 45     | 7        | 14.3        | 11.25    |
|      | 3        | Acacia crasicarpa     | 50     | 8        | 15.9        | 12.5     |
|      | 4        | Acacia auriculiformis | 34     | 7.6      | 10.8        | 8.5      |
|      | 5        | Acacia crasicarpa     | 50     | 8.6      | 15.9        | 12.5     |
| B6   | 1        | Acacia crasicarpa     | 40     | 8.9      | 12.7        | 10       |
| B7   | 1        | Acacia auriculiformis | 35     | 6.9      | 11.1        | 8.75     |
|      | 2        | Acacia crasicarpa     | 49     | 10       | 15.6        | 12.25    |
| B8   |          |                       |        |          | 0.0         | 0        |
| C9   | 1        | Acacia crasicarpa     | 46     | 6.4      | 14.6        | 11.5     |
|      | 2        | Acacia crasicarpa     | 56     | 6.5      | 17.8        | 14       |
| C10  | 1        | Acacia crasicarpa     | 38     | 7        | 12.1        | 9.5      |
|      | 2        | Acacia crasicarpa     | 33     | 7        | 10.5        | 8.25     |
|      | 3        | Acacia mangium        | 50     | 9.3      | 15.9        | 12.5     |
| C 11 |          |                       |        |          | 0.0         | 0        |
| C12  |          |                       |        |          | 0.0         | 0        |
| D 13 | 1        | Acacia auriculiformis | 40     | 7.3      | 12.7        | 10       |



|      |    |                       |    |      |      |       |
|------|----|-----------------------|----|------|------|-------|
| D 14 | 1  | Acacia mangium        | 49 | 10.2 | 15.6 | 12.25 |
|      | 2  | Acacia auriculiformis | 55 | 11   | 17.5 | 13.75 |
| D 15 | 1  | Acacia auriculiformis | 56 | 12.5 | 17.8 | 14    |
|      | 2  | Acacia auriculiformis | 56 | 8.5  | 17.8 | 14    |
| D16  |    |                       |    |      | 0.0  | 0     |
| E17  | 1  | Acacia crasicaarpa    | 40 | 7.5  | 12.7 | 10    |
|      | 2  | Acacia auriculiformis | 33 | 7.1  | 10.5 | 8.25  |
|      | 3  | Acacia auriculiformis | 37 | 6.2  | 11.8 | 9.25  |
|      | 4  | Acacia crasicaarpa    | 51 | 11.3 | 16.2 | 12.75 |
|      | 5  | Acacia crasicaarpa    | 40 | 8.9  | 12.7 | 10    |
|      | 6  | Acacia crasicaarpa    | 51 | 11.3 | 16.2 | 12.75 |
|      | 7  | Acacia crasicaarpa    | 35 | 7.2  | 11.1 | 8.75  |
|      | 8  | Acacia crasicaarpa    | 37 | 8.2  | 11.8 | 9.25  |
|      | 9  | Acacia crasicaarpa    | 35 | 6.7  | 11.1 | 8.75  |
|      | 10 | Acacia crasicaarpa    | 44 | 8.7  | 14.0 | 11    |
|      | 11 | Acacia crasicaarpa    | 46 | 8.3  | 14.6 | 11.5  |
| E 18 | 1  | Acacia crasicaarpa    | 42 | 5.1  | 13.4 | 10.5  |
|      | 2  | Acacia auriculiformis | 54 | 10   | 17.2 | 13.5  |
|      | 3  | Acacia crasicaarpa    | 46 | 8.5  | 14.6 | 11.5  |
| E19  | 1  | Acacia auriculiformis | 33 | 10   | 10.5 | 8.25  |
|      | 2  | Acacia auriculiformis | 40 | 11   | 12.7 | 10    |
|      | 3  | Acacia auriculiformis | 45 | 9.5  | 14.3 | 11.25 |
|      | 4  | Acacia auriculiformis | 46 | 8.5  | 14.6 | 11.5  |
|      | 5  | Acacia auriculiformis | 47 | 7.8  | 15.0 | 11.75 |
| E20  | 1  | Acacia crasicaarpa    | 43 | 12.5 | 13.7 | 10.75 |
|      | 2  | Acacia auriculiformis | 38 | 7.5  | 12.1 | 9.5   |
|      | 3  | Acacia mangium        | 39 | 6.6  | 12.4 | 9.75  |
|      | 4  | Acacia auriculiformis | 38 | 7.6  | 12.1 | 9.5   |
| F 21 | 1  | Acacia auriculiformis | 44 | 8.9  | 14.0 | 11    |
|      | 2  | Acacia auriculiformis | 52 | 10.1 | 16.6 | 13    |
|      | 3  | Acacia auriculiformis | 54 | 9.2  | 17.2 | 13.5  |
| F 22 | 1  | Acacia auriculiformis | 55 | 10.7 | 17.5 | 13.75 |
|      | 2  | Acacia mangium        | 42 | 9.8  | 13.4 | 10.5  |
|      | 3  | Acacia auriculiformis | 56 | 12.1 | 17.8 | 14    |
|      | 4  | Acacia auriculiformis | 40 | 11.3 | 12.7 | 10    |
| F23  | 1  | Acacia crasicaarpa    | 33 | 7.1  | 10.5 | 8.25  |
|      | 2  | Acacia crasicaarpa    | 36 | 7.5  | 11.5 | 9     |
|      | 3  | Acacia mangium        | 35 | 6.7  | 11.1 | 8.75  |
|      | 4  | Acacia crasicaarpa    | 33 | 4.7  | 10.5 | 8.25  |
| F24  | 1  | Acacia crasicaarpa    | 41 | 6.2  | 13.1 | 10.25 |
| G 25 | 1  | Acacia crasicaarpa    | 48 | 8.9  | 15.3 | 12    |
|      | 2  | Acacia crasicaarpa    | 36 | 8.1  | 11.5 | 9     |

|      |              |                       |      |      |       |       |
|------|--------------|-----------------------|------|------|-------|-------|
|      | 3            | Acacia crasicarpa     | 33   | 6.5  | 10.5  | 8.25  |
|      | 4            | Acacia crasicarpa     | 39   | 7.1  | 12.4  | 9.75  |
|      | 5            | Acacia crasicarpa     | 45   | 8    | 14.3  | 11.25 |
|      | 6            | Acacia crasicarpa     | 44   | 7.6  | 14.0  | 11    |
|      | 7            | Acacia crasicarpa     | 52   | 6.8  | 16.6  | 13    |
|      | 8            | Acacia crasicarpa     | 53   | 7    | 16.9  | 13.25 |
|      | 9            | Acacia crasicarpa     | 34   | 8.5  | 10.8  | 8.5   |
|      | 10           | Acacia crasicarpa     | 34   | 6.2  | 10.8  | 8.5   |
| G26  | 1            | Acacia crasicarpa     | 34   | 9.2  | 10.8  | 8.5   |
|      | 2            | Acacia crasicarpa     | 45   | 11.2 | 14.3  | 11.25 |
|      | 3            | Acacia crasicarpa     | 36   | 8    | 11.5  | 9     |
|      | 4            | Acacia crasicarpa     | 38   | 11.2 | 12.1  | 9.5   |
|      | 5            | Acacia crasicarpa     | 38   | 11.5 | 12.1  | 9.5   |
|      | 6            | Acacia mangium        | 54   | 7.5  | 17.2  | 13.5  |
|      | 7            | Acacia crasicarpa     | 39   | 4    | 12.4  | 9.75  |
| G 27 | 1            | Acacia crasicarpa     | 50   | 11   | 15.9  | 12.5  |
|      | 2            | Acacia crasicarpa     | 54   | 8.1  | 17.2  | 13.5  |
|      | 3            | Acacia crasicarpa     | 36   | 7.8  | 11.5  | 9     |
|      | 4            | Acacia crasicarpa     | 43   | 6    | 13.7  | 10.75 |
|      | 5            | Acacia crasicarpa     | 42   | 8    | 13.4  | 10.5  |
| G 28 | 1            | Acacia crasicarpa     | 39   | 7.2  | 12.4  | 9.75  |
| H 29 | 1            | Acacia mangium        | 50   | 13.2 | 15.9  | 12.5  |
|      | 2            | Acacia auriculiformis | 55   | 12.2 | 17.5  | 13.75 |
|      | 3            | Acacia auriculiformis | 55   | 8.8  | 17.5  | 13.75 |
| H 30 | 1            | Acacia auriculiformis | 39   | 10.1 | 12.4  | 9.75  |
|      | 2            | Acacia auriculiformis | 57   | 9.5  | 18.2  | 14.25 |
|      | 3            | Acacia auriculiformis | 55   | 9.5  | 17.5  | 13.75 |
|      | 4            | Acacia auriculiformis | 54   | 9.7  | 17.2  | 13.5  |
|      | 5            | Acacia auriculiformis | 36   | 5.5  | 11.5  | 9     |
| H 31 | 1            | Acacia crasicarpa     | 54   | 13.5 | 17.2  | 13.5  |
| H 32 | 1            | Acacia auriculiformis | 46   | 8.9  | 14.6  | 11.5  |
|      | 2            | Acacia auriculiformis | 33   | 9.1  | 10.5  | 8.25  |
| I 33 | 1            | Acacia crasicarpa     | 55   | 10.5 | 17.5  | 13.75 |
|      | 2            | Acacia auriculiformis | 58   | 9.1  | 18.5  | 14.5  |
| I 34 | 1            | Acacia auriculiformis | 41   | 7.1  | 13.1  | 10.25 |
|      | 2            | Acacia auriculiformis | 35   | 8.5  | 11.1  | 8.75  |
|      | 3            | Acacia auriculiformis | 39   | 7.7  | 12.4  | 9.75  |
|      | 4            | Acacia crasicarpa     | 54   | 8.2  | 17.2  | 13.5  |
|      | RATA<br>RATA |                       | 43.6 | 8.6  | 13.22 | 10.38 |

#### LAMPIRAN 4

**DATA INDIVIDU JENIS DALAM PLOT 20M X 20M**

| <b>PLOT</b> | <b>NO POHO N</b> | <b>NAMA LOKAL</b>     | <b>KELILING CM</b> | <b>TINGGI M</b> | <b>DBH CM</b> | <b>LBDS (cm2)</b> |
|-------------|------------------|-----------------------|--------------------|-----------------|---------------|-------------------|
| A 1         | 1                | Acacia mangium        | 79                 | 17.8            | 25.2          | 19.75             |
|             | 2                | Acacia mangium        | 69                 | 15.5            | 22.0          | 17.25             |
| A 2         | 1                | Acacia auriculiformis | 60                 | 16              | 19.1          | 15                |
| A 3         |                  |                       |                    |                 | 0.0           | 0                 |
| A 4         |                  |                       |                    |                 | 0.0           | 0                 |
| B 5         | 1                | Acacia crasicaarpa    | 67                 | 12              | 21.3          | 16.75             |
|             | 2                | Acacia crasicaarpa    | 62                 | 13              | 19.7          | 15.5              |
|             | 3                | Acacia crasicaarpa    | 69                 | 13.5            | 22.0          | 17.25             |
| B 6         | 1                | Acacia auriculiformis | 79                 | 8.9             | 25.2          | 19.75             |
|             | 2                | Acacia auriculiformis | 73                 | 15              | 23.2          | 18.25             |
|             | 3                | Acacia auriculiformis | 93                 | 17.2            | 29.6          | 23.25             |
| B 7         | 1                | Acacia crasicaarpa    | 86                 | 14.5            | 27.4          | 21.5              |
| B 8         |                  |                       |                    |                 | 0.0           | 0                 |
| C 9         | 1                | Acacia crasicaarpa    | 65                 | 7.9             | 20.7          | 16.25             |
| C 10        | 1                | Acacia mangium        | 64                 | 11              | 20.4          | 16                |
|             | 2                | Acacia auriculiformis | 62                 | 10.5            | 19.7          | 15.5              |
| C 11        | 1                | Acacia mangium        | 64                 | 15              | 20.4          | 16                |
| C 12        | 1                | Acacia mangium        | 60                 | 13              | 19.1          | 15                |
| D 13        | 1                | Acacia mangium        | 80                 | 7.2             | 25.5          | 20                |
| D 14        | 1                | Acacia auriculiformis | 89                 | 15.1            | 28.3          | 22.25             |
|             | 2                | Acacia mangium        | 107                | 17.3            | 34.1          | 26.75             |
|             | 3                | Acacia mangium        | 61                 | 8.5             | 19.4          | 15.25             |
|             | 4                | Acacia auriculiformis | 67                 | 8,5             | 21.3          | 16.75             |
| D 15        | 1                | Acacia crasicaarpa    | 113                | 14.5            | 36.0          | 28.25             |
| D 16        | 1                | Acacia auriculiformis | 68                 | 9.1             | 21.7          | 17                |
| E 17        | 1                | Acacia mangium        | 74                 | 14              | 23.6          | 18.5              |
|             | 2                | Acacia crasicaarpa    | 65                 | 11.3            | 20.7          | 16.25             |
| E 18        | 1                | Acacia crasicaarpa    | 64                 | 8.5             | 20.4          | 16                |
| E 19        | 1                | Acacia auriculiformis | 71                 | 13.2            | 22.6          | 17.75             |
| E 20        | 1                | Acacia crasicaarpa    | 64                 | 8.6             | 20.4          | 16                |
|             | 2                | Acacia crasicaarpa    | 66                 | 7.4             | 21.0          | 16.5              |
|             | 3                | Acacia crasicaarpa    | 66                 | 9.3             | 21.0          | 16.5              |
|             | 4                | Acacia crasicaarpa    | 82                 | 14.1            | 26.1          | 20.5              |

|      |   |                       |      |      |      |                 |
|------|---|-----------------------|------|------|------|-----------------|
|      | 5 | Acacia auriculiformis | 85   | 13.9 | 27.1 | 21.25           |
| F 21 |   |                       |      |      | 0.0  | 0               |
| F 22 | 1 | Acacia crasicarpa     | 76   | 10.2 | 24.2 | 19              |
|      | 2 | Acacia auriculiformis | 68   | 14.5 | 21.7 | 17              |
| F23  | 1 | Acacia crasicarpa     | 66   | 12   | 21.0 | 16.5            |
| F 24 |   |                       |      |      | 0.0  | 0               |
| G 25 | 1 | Acacia crasicarpa     | 64   | 12   | 20.4 | 16              |
|      | 2 | Acacia crasicarpa     | 67   | 12   | 21.3 | 16.75           |
|      | 3 | Acacia crasicarpa     | 64   | 9.5  | 20.4 | 16              |
| G 26 | 1 | Acacia crasicarpa     | 64   | 14   | 20.4 | 16              |
|      | 2 | Acacia crasicarpa     | 75   | 13   | 23.9 | 18.75           |
|      | 3 | Acacia crasicarpa     | 72   | 10   | 22.9 | 18              |
|      | 4 | Acacia crasicarpa     | 75   | 15.2 | 23.9 | 18.75           |
|      | 5 | Acacia crasicarpa     | 68   | 11   | 21.7 | 17              |
| G 27 | 1 | Acacia auriculiformis | 74   | 16.5 | 23.6 | 18.5            |
|      | 2 | Acacia crasicarpa     | 64   | 15   | 20.4 | 16              |
| G 28 | 3 | Acacia crasicarpa     | 73   | 17.1 | 23.2 | 18.25           |
| H 29 | 1 | Acacia mangium        | 90   | 13.2 | 28.7 | 22.5            |
|      | 2 | Acacia auriculiformis | 63   | 10.8 | 20.1 | 15.75           |
|      | 3 | Acacia mangium        | 67   | 16.3 | 21.3 | 16.75           |
| H 30 | 1 | Acacia crasicarpa     | 67   | 14.5 | 21.3 | 16.75           |
| H 31 |   |                       |      |      | 0.0  | 0               |
| H 32 | 1 | Acacia auriculiformis | 91   | 12.5 | 29.0 | 22.75           |
|      | 2 | Acacia crasicarpa     | 75   | 12.6 | 23.9 | 18.75           |
|      | 3 | Acacia crasicarpa     | 110  | 13.5 | 35.0 | 27.5            |
|      | 4 | Acacia crasicarpa     | 89   | 14.1 | 28.3 | 22.25           |
|      | 5 | Acacia mangium        | 95   | 16.2 | 30.3 | 23.75           |
|      | 6 | Acacia crasicarpa     | 113  | 15.7 | 36.0 | 28.25           |
|      | 7 | Acacia crasicarpa     | 72   | 12.1 | 22.9 | 18              |
| I 33 | 1 | Acacia crasicarpa     | 74   | 10.9 | 23.6 | 18.5            |
|      | 2 | Acacia crasicarpa     | 75   | 10.4 | 23.9 | 18.75           |
|      | 3 | Acacia crasicarpa     | 72   | 12.3 | 22.9 | 18              |
|      | 4 | Acacia crasicarpa     | 76   | 11   | 24.2 | 19              |
| I 34 | 1 | Acacia auriculiformis | 67   | 10.1 | 21.3 | 16.75           |
|      | 2 | Acacia crasicarpa     | 63   | 8.9  | 20.1 | 15.75           |
|      |   |                       | 74.2 | 12.6 | 21.6 | 16.9227941<br>2 |

**LAMPIRAN 5****Kerapatan tingkat semai**

| NO | JENIS                 | JUMLAH INDIVIDU | KERAPATAN TOTAL | KERAPATAN JENIS | KERAPATAN RELATIF % |
|----|-----------------------|-----------------|-----------------|-----------------|---------------------|
| 1  | Acacia auriculiformis | 25              | 0.294117647     | 0.183823529     | 62.50               |
| 2  | Acacia mangium        | 3               |                 | 0.022058824     | 7.50                |
| 3  | Acacia crasicarpa     | 12              |                 | 0.088235294     | 30.00               |
|    | JUMLAH                | 40              |                 |                 | 100                 |

**Kerapatan tingkat pancang**

| NO | JENIS                 | JUMLAH INDIVIDU | KERAPATAN TOTAL | KERAPATAN JENIS | KERAPATAN RELATIF % |
|----|-----------------------|-----------------|-----------------|-----------------|---------------------|
| 1  | Acacia auriculiformis | 34              | 0.128235294     | 0.040           | 31.19               |
| 2  | Acacia mangium        | 24              |                 | 0.028           | 22.02               |
| 3  | Acacia crasicarpa     | 51              |                 | 0.060           | 46.79               |
|    | JUMLAH                | 109             |                 |                 | 100.00              |

**Kerapatan Tingkat Tiang**

| NO | JENIS                 | JUMLAH INDIVIDU | KERAPATAN TOTAL | KERAPATAN JENIS | KERAPATAN RELATIF % |
|----|-----------------------|-----------------|-----------------|-----------------|---------------------|
| 1  | Acacia mangium        | 8               | 0.028529412     | 0.002           | 8.25                |
| 2  | Acacia crasicarpa     | 53              |                 | 0.016           | 54.64               |
| 3  | Acacia auriculiformis | 36              |                 | 0.011           | 37.11               |
|    | JUMLAH                | 97              |                 |                 | 100.00              |

**kerapatan Tingkat pohon**

| NO | JENIS                 | JUMLAH INDIVIDU | KERAPATAN TOTAL | KERAPATAN JENIS | KERAPATAN RELATIF % |
|----|-----------------------|-----------------|-----------------|-----------------|---------------------|
| 1  | Acacia auriculiformis | 15              | 0.004485294     | 0.001102941     | 24.59               |
| 2  | Acacia mangium        | 11              |                 | 0.000808824     | 18.03               |
| 3  | Acacia crasicarpa     | 35              |                 | 0.002573529     | 57.38               |
|    | JUMLAH                | 61              |                 |                 | 100.00              |

## LAMPIRAN 6

### Keanekaragaman semai

| No | Spesies          | jumlah | pi(ni/N) | Ln pi    | pi Ln pi    |
|----|------------------|--------|----------|----------|-------------|
| 1  | A auriculiformis | 25     | 0.625    | -0.47    | -0.29375227 |
| 2  | A mangium        | 3      | 0.075    | -2.59027 | -0.19427004 |
| 3  | A crasicarpa     | 12     | 0.3      | -1.20397 | -0.36119184 |
|    |                  | 40     |          |          | 0.84921415  |

### keanekaragaman pancang

| No | Spesies          | jumlah | pi(ni/N) | Ln pi    | pi Ln pi    |
|----|------------------|--------|----------|----------|-------------|
| 1  | A auriculiformis | 34     | 0.311927 | -1.16499 | -0.36339055 |
| 2  | A mangium        | 24     | 0.220183 | -1.51329 | -0.33320236 |
| 3  | A crasicarpa     | 51     | 0.46789  | -0.75952 | -0.3553728  |
|    |                  | 109    |          |          | 1.05196571  |

### keanekaragaman tiang

| No | Spesies          | jumlah | pi(ni/N) | Ln pi    | pi Ln pi    |
|----|------------------|--------|----------|----------|-------------|
| 1  | A auriculiformis | 36     | 0.371134 | -0.99119 | -0.36786509 |
| 2  | A mangium        | 8      | 0.082474 | -2.49527 | -0.20579542 |
| 3  | A crasicarpa     | 53     | 0.546392 | -0.60442 | -0.33024959 |
|    |                  | 97     |          |          | 0.9039101   |

### keanekaragaman pohon

| No | Spesies          | jumlah | pi(ni/N) | Ln pi    | pi Ln pi    |
|----|------------------|--------|----------|----------|-------------|
| 1  | A auriculiformis | 15     | 0.245902 | -1.40282 | -0.34495664 |
| 2  | A mangium        | 11     | 0.180328 | -1.71298 | -0.30889778 |
| 3  | A crasicarpa     | 35     | 0.57377  | -0.55553 | -0.31874431 |
|    |                  | 61     |          |          | 0.97259873  |

### JUMLAH TOTAL INDIVIDU

| No | Jenis                 | semai | Pancang | Tiang | Pohon | Jumlah | presentase |
|----|-----------------------|-------|---------|-------|-------|--------|------------|
| 1  | Acacia auriculiformis | 25    | 34      | 36    | 15    | 110    | 36%        |
| 2  | Acacia mangium        | 3     | 24      | 8     | 11    | 46     | 15%        |
| 3  | Acacia crasicarpa     | 12    | 51      | 53    | 35    | 151    | 49%        |
|    | Jumlah                |       |         |       |       | 307    | 100%       |

## LAMPIRAN 7

### Luas ukuran plot



Plot 2 X 2



Plot 5 X 5



Plot 10 X 10



Plot 20 X 20



### Penggunaan alat penelitian



Penggunaan hagameter



Penggunaan suntoclinometer



Penggunaan pita ukur

### Lokasi Taman kehati Eroniti



Taman Kehati Eroniti



## Jenis Akasia



*Acacia auriculiformis*



*Acacia mangium*



*Acacia crasicaarpa*



*Acacia tomentosa*