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# LAMPIRAN

## Lampiran 1. Kuesioner

### I. LOKASI RESPONDEN

- a. Desa :
- b. Kecamatan :

### II. IDENTITAS RESPONDEN

- a. Nama Responden :
- b. Umur :
- c. Pendidikan :
- d. Pekerjaan :

### III. DAFTAR PERTANYAAN

- 1. Luas Lahan : Ha
- 2. Sistem pengelolaan yang diterapkan
  - a. Bagaimana sistem penyiapan lahan
    - a) Dibabat lalu dibakar
    - b) Dicangkul
    - c) Menggemburkan tanah
    - d) Dan lain-lain
  - b. Sumber bibit yang ditanam diperoleh dari mana
    - a) Dibeli
    - b) Diambil dari pohonnya
    - c) dll
- 3. Cara bercocok tanam dengan menggunakan metode campuran didapatkan dari mana?
  - a) Turun temurun
  - b) Tetangga
  - c) Penyuluhan
  - d) Buku
  - e) dll
- 4. Tanaman kehutanannya ditanam sendiri atau memang tumbuh alami

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5. Pertimbangan apa yang dilakukan dalam memadukan tanaman dalam suatu lokasi

- a. Alasan ekologi
  - a) Menyuburkan tanah
  - b) Agar tidak erosi
  - c) dll
- b. Alasan ekonomi
  - a) Meningkatkan pendapatan
  - b) Harganya mahal
  - c) Digunakan sendiri
- c. Alasan sosial budaya
  - a) Warisan
  - b) Adat
  - c) Obat

6. Apa yang menjadi penghambat anda dalam pengelolaan agroforestry

- a) Serangan hama dan penyakit
- b) Gangguan ternak

Bagaimana cara menanggulangnya?

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7. Pertimbangan apa yang anda lakukan dalam memadukan tanaman dalam suatu lokasi

- a. Alasan ekologi
  - a) Menyuburkan tanah
  - b) Agar tidak erosi
  - c) dll
- b. Alasan ekonomi
  - a) Meningkatkan pendapatan

- b) Harganya mahal
- c) Digunakan sendiri
- c. Alasan sosial budaya
  - a) Warisan
  - b) Adat
  - c) Obat-obatan
- 8. Bentuk pemanfaatan kehutanan
  - a) Kayu bulat
  - b) Kayu bakar
  - c) Kayu pertukangan
  - d) Getah
- 9. Jenis komponen yang ada pada lahan agroforestri

| No | Tanaman Kehutanan |        |      | Tanaman Pertanian |        |      |
|----|-------------------|--------|------|-------------------|--------|------|
|    | Jenis             | Jumlah | Umur | Jenis             | Jumlah | Umur |
|    |                   |        |      |                   |        |      |
|    |                   |        |      |                   |        |      |
|    |                   |        |      |                   |        |      |
|    |                   |        |      |                   |        |      |
|    |                   |        |      |                   |        |      |
|    |                   |        |      |                   |        |      |

- 10. Alat – alat apa saja yang digunakan dalam pengelolaan lahan Anda

| No | Jenis Alat | Jumlah | Masa Pakai |
|----|------------|--------|------------|
|    |            |        |            |
|    |            |        |            |
|    |            |        |            |

- 11. Apakah anda menggunakan pupuk dalam pemeliharaan tanaman ?

Jika ya :

| No | Jenis Pupuk | Jumlah (kg) | Jumlah Pemupukan per tahun |
|----|-------------|-------------|----------------------------|
|    |             |             |                            |

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
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12. Untuk tanaman penanangnya, apakah tumbuh ditanam atau tumbuh alami ?

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13. Apakah dalam pengelolaan lahan agroforestri anda mempekerjakan orang lain ?

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14. Apakah dalam pemeliharaan anda melakukan pengendalian hama / penyakit?. Jika ya, Bagaimana bentuk pengendalian yang anda lakukan.

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15. Apakah anda melakukan pemangkasan secara rutin ?. Jika ya, berapa intensitas pemangkasannya dalam kurun waktu tahunan

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16. Produksi yang diperoleh pada pengelolaan lahan petani dengan sistem agroforestri

a. Pertanian Perkebunan

| No | Jenis Komoditi | Kemampuan Produksi (Kali/Tanam) | Rata-rata hasil produksi (Buah/Kg/Liter) | Total Produksi (Buah/Kg/Liter) |
|----|----------------|---------------------------------|--|--------------------------------|
|    |                |                                 |  |                                |

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b. Komponen Kehutanan

| No | Jenis Tanaman | Umur Pohon |
|----|---------------|------------|
|    |               |            |
|    |               |            |
|    |               |            |
|    |               |            |
|    |               |            |

17. Hasil panen setiap musim dijual atau dikonsumsi sendiri ?

a. Hasil Kehutanan

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.....

b. Hasil Panen Pertanian / Perkebunan

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**Lampiran 2. Data Responden**

| No | Nama Responden | Umur (tahun) | Pendidikan Terakhir | Mata Pencaharian | Luas Lahan (Ha) |
|----|----------------|--------------|---------------------|------------------|-----------------|
| 1  | Yohanis        | 42           | SD                  | Petani           | 0.7             |
| 2  | Yonas          | 45           | SD                  | Petani           | 1.5             |
| 3  | Sarrang        | 68           | -                   | Petani           | 1               |
| 4  | Yudin          | 29           | SD                  | Petani           | 1               |
| 5  | Koni           | 40           | SD                  | Petani           | 1.6             |
| 6  | Uku'           | 40           | -                   | Petani           | 0.8             |
| 7  | Luter          | 45           | SD                  | Petani           | 1               |
| 8  | La'biran       | 47           | SMP                 | Petani           | 1.1             |
| 9  | Rotto          | 48           | -                   | Petani           | 0.6             |
| 10 | Aco'           | 39           | SMP                 | Petani           | 0.8             |
| 11 | Ali            | 65           | SD                  | Petani           | 0.6             |
| 12 | Nadus          | 35           | SD                  | Petani           | 0.8             |
| 13 | Alpin          | 28           | SMA                 | Petani           | 0.7             |
| 14 | Marson         | 38           | SD                  | Petani           | 1               |
| 15 | Yonatan        | 37           | SD                  | Petani           | 0.7             |
| 16 | Simson         | 53           | SMP                 | Petani           | 1               |
| 17 | Seldi          | 31           | SMA                 | Petani           | 0.8             |
| 18 | Simon          | 43           | SD                  | Petani           | 1               |
| 19 | Lewa           | 40           | -                   | Petani           | 0.6             |
| 20 | Leksi          | 30           | SD                  | Petani           | 1.4             |
| 21 | Pius Aman      | 64           | SMP                 | Petani           | 1               |
| 22 | Rudi           | 35           | SMP                 | Petani           | 1.8             |
| 23 | Alexsander     | 48           | SMA                 | Petani           | 0.5             |
| 24 | Wandi          | 38           | SMA                 | Petani           | 1               |
| 25 | Masto          | 32           | SMP                 | Petani           | 0.6             |
| 26 | Nawan          | 30           | SD                  | Petani           | 0.8             |
| 27 | Ratang         | 40           | SMP                 | Petani           | 0.9             |
| 28 | Sondok         | 48           | -                   | Petani           | 2               |
| 29 | Imanuel        | 45           | SD                  | Petani           | 1.3             |
| 30 | Ardi           | 35           | SD                  | Petani           | 1.2             |

**Lampiran 3. Data Pengukuran Plot**

**PLOT 1**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | D (m) | Tbc (m) | Ttot (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|-------|---------|----------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Suren         | 10           | 50     | 15.92  | 0.16  | 5.54    | 8.25     | 0.02                   | 0.13                    | 0.091                              | 0.006                       |
| 2  | Suren         |              | 33     | 10.51  | 0.11  | 4.18    | 7.27     | 0.01                   | 0.05                    |                                    |                             |
| 3  | Suren         |              | 43     | 13.69  | 0.14  | 5.34    | 8.77     | 0.01                   | 0.10                    |                                    |                             |
| 4  | Suren         |              | 41     | 13.06  | 0.13  | 3.99    | 7.51     | 0.01                   | 0.08                    |                                    |                             |
| 5  | Aren          | 22           | 149    | 47.45  | 0.47  | 2.73    | 13.42    | 0.18                   | 1.90                    | 1.897                              | 0.105                       |
| 6  | Alpukat       | 15           | 55     | 17.52  | 0.18  | 2.91    | 9.60     | 0.02                   | 0.18                    | 0.185                              | 0.012                       |
| 7  | Nangka        | 18           | 66     | 21.02  | 0.21  | 4.37    | 10.50    | 0.03                   | 0.29                    | 0.287                              | 0.016                       |
| 8  | Nangka        |              | 82     | 26.11  | 0.26  | 3.63    | 6.60     | 0.05                   | 0.28                    |                                    |                             |
| 9  | Langsat       | 18           | 87     | 27.71  | 0.28  | 4.18    | 11.50    | 0.06                   | 0.55                    | 0.554                              | 0.031                       |
| 10 | Dadap         | 17           | 55     | 17.52  | 0.18  | 3.08    | 9.31     | 0.02                   | 0.18                    | 0.399                              | 0.023                       |
| 11 | Dadap         |              | 88     | 28.03  | 0.28  | 7.04    | 13.00    | 0.06                   | 0.64                    |                                    |                             |
| 12 | Dadap         |              | 52     | 16.56  | 0.17  | 4.18    | 9.04     | 0.02                   | 0.16                    |                                    |                             |
| 13 | Dadap         |              | 59     | 18.79  | 0.19  | 3.63    | 11.50    | 0.03                   | 0.25                    |                                    |                             |
| 14 | Dadap         |              | 62     | 19.75  | 0.20  | 3.81    | 10.19    | 0.03                   | 0.25                    |                                    |                             |
| 15 | Dadap         |              | 75     | 23.89  | 0.24  | 3.08    | 9.60     | 0.04                   | 0.34                    |                                    |                             |
| 16 | Dadap         |              | 77     | 24.52  | 0.25  | 3.99    | 9.31     | 0.05                   | 0.35                    |                                    |                             |
| 17 | Dadap         |              | 91     | 28.98  | 0.29  | 3.81    | 12.22    | 0.07                   | 0.64                    |                                    |                             |
| 18 | Dadap         |              | 62     | 19.75  | 0.20  | 4.18    | 8.77     | 0.03                   | 0.21                    |                                    |                             |
| 19 | Dadap         |              | 93     | 29.62  | 0.30  | 3.26    | 13.42    | 0.07                   | 0.74                    |                                    |                             |
| 20 | Dadap         |              | 46     | 14.65  | 0.15  | 3.08    | 6.82     | 0.02                   | 0.09                    |                                    |                             |
| 21 | Dadap         |              | 108    | 34.39  | 0.34  | 4.56    | 15.26    | 0.09                   | 1.13                    |                                    |                             |
| 22 | Dadap         | 53           | 16.88  | 0.17   | 5.34  | 10.50   | 0.02     | 0.19                   |                         |                                    |                             |
| 23 | Gamal         | 17           | 62     | 19.75  | 0.20  | 3.63    | 7.99     | 0.03                   | 0.20                    | 0.157                              | 0.009                       |
| 24 | Gamal         |              | 50     | 15.92  | 0.16  | 5.14    | 9.04     | 0.02                   | 0.14                    |                                    |                             |
| 25 | Gamal         |              | 63     | 20.06  | 0.20  | 4.56    | 9.31     | 0.03                   | 0.24                    |                                    |                             |
| 26 | Gamal         |              | 51     | 16.24  | 0.16  | 3.26    | 7.51     | 0.02                   | 0.12                    |                                    |                             |
| 27 | Gamal         |              | 58     | 18.47  | 0.18  | 3.26    | 8.77     | 0.03                   | 0.19                    |                                    |                             |
| 28 | Gamal         |              | 55     | 17.52  | 0.18  | 3.99    | 8.50     | 0.02                   | 0.16                    |                                    |                             |
| 29 | Gamal         |              | 58     | 18.47  | 0.18  | 3.81    | 7.27     | 0.03                   | 0.16                    |                                    |                             |
| 30 | Gamal         |              | 50     | 15.92  | 0.16  | 3.26    | 8.25     | 0.02                   | 0.13                    |                                    |                             |
| 31 | Gamal         |              | 57     | 18.15  | 0.18  | 3.26    | 7.27     | 0.03                   | 0.15                    |                                    |                             |
| 32 | Gamal         |              | 49     | 15.61  | 0.16  | 3.44    | 7.04     | 0.02                   | 0.11                    |                                    |                             |
| 33 | Gamal         |              | 52     | 16.56  | 0.17  | 2.91    | 7.27     | 0.02                   | 0.13                    |                                    |                             |

**PLOT 2**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Alpukat       | 17           | 63     | 20.1   | 7.0      | 3.4     | 0.20  | 0.03                   | 0.18                    | 0.178                              | 0.010                       |
| 2  | Dadap         | 17           | 89     | 28.3   | 9.3      | 3.6     | 0.28  | 0.06                   | 0.47                    | 0.263                              | 0.015                       |
| 3  | Dadap         |              | 84     | 26.8   | 9.0      | 3.4     | 0.27  | 0.06                   | 0.41                    |                                    |                             |
| 4  | Dadap         |              | 59     | 18.8   | 6.4      | 3.4     | 0.19  | 0.03                   | 0.14                    |                                    |                             |
| 5  | Dadap         |              | 73     | 23.2   | 9.0      | 3.8     | 0.23  | 0.04                   | 0.31                    |                                    |                             |
| 6  | Dadap         |              | 59     | 18.8   | 8.2      | 2.9     | 0.19  | 0.03                   | 0.18                    |                                    |                             |
| 7  | Dadap         |              | 67     | 21.3   | 7.5      | 4.0     | 0.21  | 0.04                   | 0.21                    |                                    |                             |
| 8  | Dadap         |              | 70     | 22.3   | 6.8      | 3.3     | 0.22  | 0.04                   | 0.21                    |                                    |                             |
| 9  | Dadap         |              | 85     | 27.1   | 9.9      | 4.4     | 0.27  | 0.06                   | 0.46                    |                                    |                             |
| 10 | Dadap         |              | 57     | 18.2   | 7.0      | 3.3     | 0.18  | 0.03                   | 0.15                    |                                    |                             |
| 11 | Dadap         |              | 69     | 22.0   | 8.2      | 3.4     | 0.22  | 0.04                   | 0.25                    |                                    |                             |
| 12 | Dadap         |              | 60     | 19.1   | 9.0      | 3.1     | 0.19  | 0.03                   | 0.21                    |                                    |                             |
| 13 | Dadap         |              | 70     | 22.3   | 8.5      | 4.4     | 0.22  | 0.04                   | 0.27                    |                                    |                             |
| 14 | Dadap         |              | 85     | 27.1   | 9.6      | 6.2     | 0.27  | 0.06                   | 0.44                    |                                    |                             |
| 15 | Dadap         |              | 92     | 29.3   | 8.5      | 3.1     | 0.29  | 0.07                   | 0.46                    |                                    |                             |
| 16 | Dadap         |              | 104    | 33.1   | 8.2      | 3.3     | 0.33  | 0.09                   | 0.57                    |                                    |                             |
| 17 | Dadap         |              | 87     | 27.7   | 6.6      | 3.6     | 0.28  | 0.06                   | 0.32                    |                                    |                             |
| 18 | Dadap         |              | 58     | 18.5   | 8.0      | 2.9     | 0.18  | 0.03                   | 0.17                    |                                    |                             |
| 19 | Dadap         |              | 82     | 26.1   | 8.8      | 4.4     | 0.26  | 0.05                   | 0.38                    |                                    |                             |
| 20 | Dadap         |              | 76     | 24.2   | 7.3      | 4.2     | 0.24  | 0.05                   | 0.27                    |                                    |                             |
| 21 | Dadap         |              | 62     | 19.7   | 7.7      | 3.1     | 0.20  | 0.03                   | 0.19                    |                                    |                             |
| 22 | Dadap         |              | 61     | 19.4   | 7.5      | 2.9     | 0.19  | 0.03                   | 0.18                    |                                    |                             |
| 23 | Dadap         |              | 65     | 20.7   | 6.8      | 3.3     | 0.21  | 0.03                   | 0.18                    |                                    |                             |
| 24 | Dadap         |              | 73     | 23.2   | 8.5      | 4.4     | 0.23  | 0.04                   | 0.29                    |                                    |                             |
| 25 | Dadap         |              | 75     | 23.9   | 6.6      | 4.0     | 0.24  | 0.04                   | 0.24                    |                                    |                             |
| 26 | Dadap         |              | 84     | 26.8   | 8.5      | 2.9     | 0.27  | 0.06                   | 0.38                    |                                    |                             |
| 27 | Dadap         |              | 91     | 29.0   | 7.5      | 3.1     | 0.29  | 0.07                   | 0.40                    |                                    |                             |
| 28 | Dadap         |              | 107    | 34.1   | 8.8      | 3.3     | 0.34  | 0.09                   | 0.64                    |                                    |                             |
| 29 | Gamal         |              | 52     | 16.6   | 6.4      | 4.4     | 0.17  | 0.02                   | 0.11                    |                                    |                             |
| 30 | Gamal         |              | 49     | 15.6   | 6.2      | 3.1     | 0.16  | 0.02                   | 0.09                    |                                    |                             |
| 31 | Gamal         |              | 55     | 17.5   | 7.0      | 2.9     | 0.18  | 0.02                   | 0.14                    |                                    |                             |
| 32 | Gamal         | 60           | 19.1   | 7.3    | 3.1      | 0.19    | 0.03  | 0.17                   |                         |                                    |                             |
| 33 | Gamal         | 63           | 20.1   | 7.0    | 4.2      | 0.20    | 0.03  | 0.18                   |                         |                                    |                             |
| 34 | Gamal         | 58           | 18.5   | 7.3    | 3.8      | 0.18    | 0.03  | 0.16                   |                         |                                    |                             |
| 35 | Gamal         | 43           | 13.7   | 6.8    | 3.3      | 0.14    | 0.01  | 0.08                   |                         |                                    |                             |
| 36 | Gamal         | 49           | 15.6   | 6.6    | 4.2      | 0.16    | 0.02  | 0.10                   |                         |                                    |                             |
| 37 | Gamal         | 50           | 15.9   | 6.2    | 6.4      | 0.16    | 0.02  | 0.10                   |                         |                                    |                             |
| 38 | Langsat       | 18           | 87     | 27.7   | 11.5     | 4.179   | 0.28  | 0.06                   | 0.55                    | 0.554                              | 0.030778                    |

**PLOT 3**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Kayu manis    | 10           | 45     | 14.3   | 8.5      | 3.1     | 0.14  | 0.02                   | 0.11                    | 0.113                              | 0.0113                      |
| 2  | Gamal         | 18           | 52     | 16.6   | 6.2      | 2.9     | 0.17  | 0.02                   | 0.11                    | 0.250                              | 0.013904                    |
| 3  | Gamal         |              | 60     | 19.1   | 9.6      | 3.3     | 0.19  | 0.03                   | 0.23                    |                                    |                             |
| 4  | Gamal         |              | 86     | 27.4   | 11.5     | 3.1     | 0.27  | 0.06                   | 0.56                    |                                    |                             |
| 5  | Gamal         |              | 55     | 17.5   | 13.8     | 2.9     | 0.18  | 0.02                   | 0.28                    |                                    |                             |
| 6  | Gamal         |              | 39     | 12.4   | 13.4     | 3.1     | 0.12  | 0.01                   | 0.13                    |                                    |                             |
| 7  | Gamal         |              | 63     | 20.1   | 7.7      | 3.4     | 0.20  | 0.03                   | 0.20                    |                                    |                             |
| 8  | Dadap         |              | 59     | 18.8   | 10.2     | 4.4     | 0.19  | 0.03                   | 0.23                    |                                    |                             |
| 9  | Dadap         |              | 41     | 13.1   | 13.4     | 5.3     | 0.13  | 0.01                   | 0.15                    |                                    |                             |
| 10 | Dadap         |              | 104    | 33.1   | 14.8     | 5.1     | 0.33  | 0.09                   | 1.05                    |                                    |                             |
| 11 | Dadap         |              | 41     | 13.1   | 13.0     | 2.9     | 0.13  | 0.01                   | 0.14                    |                                    |                             |
| 12 | Dadap         |              | 48     | 15.3   | 9.3      | 2.9     | 0.15  | 0.02                   | 0.14                    |                                    |                             |
| 13 | Dadap         |              | 68     | 21.7   | 13.0     | 5.3     | 0.22  | 0.04                   | 0.40                    |                                    |                             |
| 14 | Dadap         |              | 54     | 17.2   | 13.8     | 3.1     | 0.17  | 0.02                   | 0.27                    |                                    |                             |
| 15 | Dadap         |              | 67     | 21.3   | 7.7      | 3.3     | 0.21  | 0.04                   | 0.23                    |                                    |                             |
| 16 | Dadap         |              | 51     | 16.2   | 9.6      | 2.9     | 0.16  | 0.02                   | 0.16                    |                                    |                             |
| 17 | Dadap         |              | 58     | 18.5   | 8.8      | 3.3     | 0.18  | 0.03                   | 0.19                    |                                    |                             |
| 18 | Dadap         |              | 60     | 19.1   | 9.0      | 3.1     | 0.19  | 0.03                   | 0.21                    |                                    |                             |
| 19 | Dadap         |              | 75     | 23.9   | 6.4      | 2.9     | 0.24  | 0.05                   | 0.24                    |                                    |                             |
| 20 | Dadap         |              | 64     | 20.4   | 8.2      | 3.6     | 0.20  | 0.03                   | 0.22                    |                                    |                             |
| 21 | Dadap         |              | 41     | 13.1   | 9.3      | 2.9     | 0.13  | 0.01                   | 0.10                    |                                    |                             |
| 22 | Dadap         |              | 51     | 16.2   | 8.0      | 3.1     | 0.16  | 0.02                   | 0.14                    |                                    |                             |
| 23 | Dadap         |              | 76     | 24.2   | 6.8      | 3.3     | 0.24  | 0.05                   | 0.26                    |                                    |                             |
| 24 | Dadap         |              | 71     | 22.6   | 7.0      | 4.0     | 0.23  | 0.04                   | 0.23                    |                                    |                             |
| 25 | Dadap         |              | 78     | 24.8   | 8.0      | 3.4     | 0.25  | 0.05                   | 0.32                    |                                    |                             |
| 26 | Dadap         |              | 76     | 24.2   | 9.3      | 4.2     | 0.24  | 0.05                   | 0.35                    |                                    |                             |
| 27 | Dadap         |              | 89     | 28.3   | 10.2     | 2.7     | 0.28  | 0.07                   | 0.53                    |                                    |                             |
| 28 | Dadap         |              | 71     | 22.6   | 7.0      | 2.9     | 0.23  | 0.04                   | 0.23                    |                                    |                             |
| 29 | Dadap         |              | 64     | 20.4   | 7.7      | 3.3     | 0.20  | 0.03                   | 0.21                    |                                    |                             |
| 30 | Dadap         |              | 48     | 15.3   | 6.8      | 3.3     | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 31 | Dadap         |              | 70     | 22.3   | 6.6      | 2.9     | 0.22  | 0.04                   | 0.21                    |                                    |                             |
| 32 | Dadap         |              | 71     | 22.6   | 7.3      | 3.1     | 0.23  | 0.04                   | 0.24                    |                                    |                             |

|    |       |    |      |      |     |      |      |      |
|----|-------|----|------|------|-----|------|------|------|
| 33 | Dadap | 96 | 30.6 | 10.8 | 3.8 | 0.31 | 0.08 | 0.66 |
| 34 | Dadap | 43 | 13.7 | 6.6  | 4.2 | 0.14 | 0.02 | 0.08 |
| 35 | Dadap | 54 | 17.2 | 8.5  | 3.3 | 0.17 | 0.02 | 0.16 |
| 36 | Dadap | 80 | 25.5 | 9.6  | 3.1 | 0.25 | 0.05 | 0.40 |
| 37 | Dadap | 67 | 21.3 | 8.8  | 3.1 | 0.21 | 0.04 | 0.26 |
| 38 | Dadap | 42 | 13.4 | 7.3  | 3.4 | 0.13 | 0.01 | 0.08 |
| 39 | Dadap | 43 | 13.7 | 6.4  | 2.9 | 0.14 | 0.02 | 0.08 |
| 40 | Dadap | 72 | 22.9 | 7.3  | 3.3 | 0.23 | 0.04 | 0.25 |
| 41 | Dadap | 41 | 13.1 | 7.0  | 3.1 | 0.13 | 0.01 | 0.08 |
| 42 | Dadap | 53 | 16.9 | 8.5  | 4.0 | 0.17 | 0.02 | 0.16 |
| 43 | Dadap | 55 | 17.5 | 6.8  | 2.9 | 0.18 | 0.02 | 0.14 |
| 44 | Dadap | 85 | 27.1 | 8.2  | 2.9 | 0.27 | 0.06 | 0.39 |
| 45 | Dadap | 65 | 20.7 | 7.0  | 3.3 | 0.21 | 0.03 | 0.20 |
| 46 | Dadap | 75 | 23.9 | 9.0  | 3.8 | 0.24 | 0.05 | 0.33 |
| 47 | Dadap | 66 | 21.0 | 7.5  | 3.1 | 0.21 | 0.04 | 0.21 |
| 48 | Dadap | 78 | 24.8 | 8.0  | 3.3 | 0.25 | 0.05 | 0.32 |
| 49 | Dadap | 55 | 17.5 | 7.0  | 2.9 | 0.18 | 0.02 | 0.14 |

**PLOT 4**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Suren         | 20           | 185    | 58.9   | 15.8     | 6.16    | 0.59  | 0.27                   | 3.44                    | 1.452                              | 0.073                       |
| 2  | Suren         |              | 130    | 41.4   | 12.6     | 5.1     | 0.41  | 0.13                   | 1.36                    |                                    |                             |
| 3  | Suren         |              | 97     | 30.9   | 10.8     | 4.75    | 0.31  | 0.07                   | 0.65                    |                                    |                             |
| 4  | Suren         |              | 104    | 33.1   | 9.6      | 5.54    | 0.33  | 0.09                   | 0.66                    |                                    |                             |
| 5  | Suren         |              | 127    | 40.4   | 9.6      | 5.95    | 0.40  | 0.13                   | 0.99                    |                                    |                             |
| 6  | Suren         |              | 142    | 45.2   | 12.6     | 5.34    | 0.45  | 0.16                   | 1.62                    |                                    |                             |
| 7  | Gamal         | 16           | 73     | 23.2   | 7.3      | 3.99    | 0.23  | 0.04                   | 0.25                    | 0.157                              | 0.010                       |
| 8  | Gamal         |              | 62     | 19.7   | 7.0      | 3.08    | 0.20  | 0.03                   | 0.17                    |                                    |                             |
| 9  | Gamal         |              | 44     | 14.0   | 6.8      | 3.08    | 0.14  | 0.02                   | 0.08                    |                                    |                             |
| 10 | Gamal         |              | 58     | 18.5   | 8.0      | 3.26    | 0.18  | 0.03                   | 0.17                    |                                    |                             |
| 11 | Gamal         |              | 49     | 15.6   | 7.3      | 2.91    | 0.16  | 0.02                   | 0.11                    |                                    |                             |
| 12 | Gamal         |              | 45     | 14.3   | 6.6      | 3.99    | 0.14  | 0.02                   | 0.09                    |                                    |                             |
| 13 | Gamal         |              | 53     | 16.9   | 7.7      | 3.08    | 0.17  | 0.02                   | 0.14                    |                                    |                             |
| 14 | Gamal         |              | 68     | 21.7   | 7.0      | 2.91    | 0.22  | 0.04                   | 0.21                    |                                    |                             |
| 15 | Gamal         |              | 59     | 18.8   | 8.5      | 3.44    | 0.19  | 0.03                   | 0.19                    |                                    |                             |
| 16 | Gamal         |              | 57     | 18.2   | 8.0      | 3.26    | 0.18  | 0.03                   | 0.17                    |                                    |                             |
| 17 | Dadap         | 16           | 65     | 20.7   | 7.3      | 3.81    | 0.21  | 0.03                   | 0.20                    | 0.268                              | 0.017                       |
| 18 | Dadap         |              | 65     | 20.7   | 7.7      | 3.44    | 0.21  | 0.03                   | 0.21                    |                                    |                             |
| 19 | Dadap         |              | 47     | 15.0   | 7.0      | 3.08    | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 20 | Dadap         |              | 61     | 19.4   | 8.0      | 3.26    | 0.19  | 0.03                   | 0.19                    |                                    |                             |
| 21 | Dadap         |              | 82     | 26.1   | 8.2      | 2.91    | 0.26  | 0.05                   | 0.35                    |                                    |                             |
| 22 | Dadap         |              | 41     | 13.1   | 6.8      | 2.91    | 0.13  | 0.01                   | 0.07                    |                                    |                             |
| 23 | Dadap         |              | 72     | 22.9   | 7.3      | 3.26    | 0.23  | 0.04                   | 0.24                    |                                    |                             |
| 24 | Dadap         |              | 123    | 39.2   | 9.6      | 3.44    | 0.39  | 0.12                   | 0.92                    |                                    |                             |
| 25 | Dadap         |              | 74     | 23.6   | 8.8      | 3.08    | 0.24  | 0.04                   | 0.31                    |                                    |                             |
| 26 | Dadap         |              | 79     | 25.2   | 7.3      | 3.99    | 0.25  | 0.05                   | 0.29                    |                                    |                             |
| 27 | Dadap         |              | 60     | 19.1   | 8.2      | 3.44    | 0.19  | 0.03                   | 0.19                    |                                    |                             |
| 28 | Dadap         |              | 52     | 16.6   | 7.3      | 3.08    | 0.17  | 0.02                   | 0.13                    |                                    |                             |
| 29 | Dadap         |              | 72     | 22.9   | 7.5      | 3.63    | 0.23  | 0.04                   | 0.25                    |                                    |                             |
| 30 | Dadap         |              | 83     | 26.4   | 8.5      | 4.18    | 0.26  | 0.05                   | 0.37                    |                                    |                             |
| 31 | Dadap         | 66           | 21.0   | 7.3    | 3.99     | 0.21    | 0.03  | 0.20                   |                         |                                    |                             |

**PLOT 5**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Gamal         | 15           | 73     | 23.2   | 8.8      | 2.7     | 0.23  | 0.04                   | 0.30                    | 0.298                              | 0.0198                      |
| 2  | Nangka        | 15           | 93     | 29.6   | 11.5     | 5.3     | 0.30  | 0.07                   | 0.63                    | 0.634                              | 0.0423                      |
| 3  | Suren         | 15           | 41     | 13.1   | 8.8      | 2.9     | 0.13  | 0.01                   | 0.09                    | 0.297                              | 0.0198                      |
| 4  | Suren         |              | 47     | 20.0   | 11.0     | 6.2     | 0.20  | 0.03                   | 0.28                    |                                    |                             |
| 5  | Suren         |              | 53     | 16.9   | 9.3      | 3.1     | 0.17  | 0.02                   | 0.17                    |                                    |                             |
| 6  | Dadap         |              | 57     | 18.2   | 8.5      | 2.9     | 0.18  | 0.03                   | 0.18                    |                                    |                             |
| 7  | Dadap         |              | 59     | 18.8   | 8.2      | 3.3     | 0.19  | 0.03                   | 0.18                    |                                    |                             |
| 8  | Dadap         |              | 65     | 20.7   | 8.5      | 2.9     | 0.21  | 0.03                   | 0.23                    |                                    |                             |
| 9  | Dadap         |              | 92     | 29.3   | 10.8     | 3.4     | 0.29  | 0.07                   | 0.58                    |                                    |                             |
| 10 | Dadap         |              | 56     | 17.8   | 8.2      | 3.1     | 0.18  | 0.02                   | 0.16                    |                                    |                             |
| 11 | Suren         |              | 61     | 19.4   | 7.7      | 3.1     | 0.19  | 0.03                   | 0.18                    |                                    |                             |
| 12 | Suren         |              | 80     | 25.5   | 9.3      | 3.3     | 0.25  | 0.05                   | 0.38                    |                                    |                             |
| 13 | Dadap         |              | 46     | 14.6   | 7.5      | 2.9     | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 14 | Dadap         |              | 73     | 23.2   | 8.8      | 3.6     | 0.23  | 0.04                   | 0.30                    |                                    |                             |
| 15 | Dadap         |              | 45     | 14.3   | 8.2      | 3.3     | 0.14  | 0.02                   | 0.11                    |                                    |                             |
| 16 | Dadap         |              | 86     | 27.4   | 10.5     | 3.8     | 0.27  | 0.06                   | 0.49                    |                                    |                             |
| 17 | Dadap         |              | 47     | 15.0   | 7.0      | 3.1     | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 18 | Dadap         |              | 55     | 17.5   | 7.3      | 2.7     | 0.18  | 0.02                   | 0.14                    |                                    |                             |
| 19 | Dadap         |              | 66     | 21.0   | 8.0      | 3.6     | 0.21  | 0.03                   | 0.22                    |                                    |                             |
| 20 | Dadap         |              | 50     | 15.9   | 7.3      | 1.5     | 0.16  | 0.02                   | 0.12                    |                                    |                             |
| 21 | Dadap         |              | 74     | 23.6   | 9.6      | 3.4     | 0.24  | 0.04                   | 0.33                    |                                    |                             |
| 22 | Dadap         |              | 87     | 27.7   | 10.5     | 3.8     | 0.28  | 0.06                   | 0.51                    |                                    |                             |
| 23 | Dadap         |              | 88     | 28.0   | 9.9      | 2.9     | 0.28  | 0.06                   | 0.49                    |                                    |                             |
| 24 | Dadap         |              | 114    | 36.3   | 12.6     | 4.2     | 0.36  | 0.10                   | 1.04                    |                                    |                             |
| 25 | Dadap         |              | 75     | 23.9   | 8.0      | 3.3     | 0.24  | 0.04                   | 0.29                    |                                    |                             |
| 26 | Dadap         |              | 93     | 29.6   | 8.5      | 4.0     | 0.30  | 0.07                   | 0.47                    |                                    |                             |

**PLOT 6**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Dadap         | 14           | 98     | 31.2   | 11.9     | 3.3     | 0.31  | 0.08                   | 0.73                    | 0.307                              | 0.022                       |
| 2  | Dadap         |              | 53     | 16.9   | 7.5      | 3.1     | 0.17  | 0.02                   | 0.13                    |                                    |                             |
| 3  | Dadap         |              | 45     | 14.3   | 7.0      | 2.7     | 0.14  | 0.02                   | 0.09                    |                                    |                             |
| 4  | Dadap         |              | 42     | 13.4   | 7.0      | 2.9     | 0.13  | 0.01                   | 0.08                    |                                    |                             |
| 5  | Dadap         |              | 57     | 18.2   | 7.7      | 3.3     | 0.18  | 0.03                   | 0.16                    |                                    |                             |
| 6  | Dadap         |              | 70     | 22.3   | 9.3      | 3.3     | 0.22  | 0.04                   | 0.29                    |                                    |                             |
| 7  | Dadap         |              | 92     | 29.3   | 10.8     | 3.6     | 0.29  | 0.07                   | 0.58                    |                                    |                             |
| 8  | Dadap         |              | 90     | 28.7   | 11.5     | 3.1     | 0.29  | 0.06                   | 0.59                    |                                    |                             |
| 9  | Dadap         |              | 49     | 15.6   | 7.3      | 2.9     | 0.16  | 0.02                   | 0.11                    |                                    |                             |
| 10 | Dadap         |              | 50     | 15.9   | 8.0      | 3.1     | 0.16  | 0.02                   | 0.13                    |                                    |                             |
| 11 | Dadap         |              | 64     | 20.4   | 8.8      | 3.3     | 0.20  | 0.03                   | 0.23                    |                                    |                             |
| 12 | Dadap         |              | 101    | 32.2   | 12.2     | 4.2     | 0.32  | 0.08                   | 0.79                    |                                    |                             |
| 13 | Dadap         |              | 64     | 20.4   | 7.7      | 2.9     | 0.20  | 0.03                   | 0.20                    |                                    |                             |
| 14 | Dadap         |              | 57     | 18.2   | 7.0      | 3.1     | 0.18  | 0.03                   | 0.15                    |                                    |                             |
| 15 | Dadap         |              | 61     | 19.4   | 6.8      | 3.6     | 0.19  | 0.03                   | 0.16                    |                                    |                             |
| 16 | Dadap         |              | 59     | 18.8   | 7.7      | 4.0     | 0.19  | 0.03                   | 0.17                    |                                    |                             |
| 17 | Dadap         |              | 61     | 19.4   | 8.2      | 4.6     | 0.19  | 0.03                   | 0.20                    |                                    |                             |
| 18 | Dadap         |              | 54     | 17.2   | 8.8      | 3.8     | 0.17  | 0.02                   | 0.16                    |                                    |                             |
| 19 | Dadap         |              | 73     | 23.2   | 10.5     | 4.0     | 0.23  | 0.04                   | 0.36                    |                                    |                             |
| 20 | Dadap         |              | 92     | 29.3   | 7.3      | 3.8     | 0.29  | 0.07                   | 0.39                    |                                    |                             |
| 21 | Dadap         |              | 59     | 18.8   | 7.7      | 3.3     | 0.19  | 0.03                   | 0.17                    |                                    |                             |
| 22 | Dadap         |              | 54     | 17.2   | 8.5      | 2.7     | 0.17  | 0.02                   | 0.16                    |                                    |                             |
| 23 | Dadap         |              | 115    | 36.6   | 12.2     | 3.6     | 0.37  | 0.11                   | 1.03                    |                                    |                             |
| 24 | Kakao         | 14           | 40     | 12.7   | 6.0      | 2.9     | 0.13  | 0.01                   | 0.06                    | 0.041                              | 0.003                       |
| 25 | Kakao         |              | 35     | 11.1   | 4.2      | 2.7     | 0.11  | 0.01                   | 0.03                    |                                    |                             |
| 26 | Kakao         |              | 36     | 11.5   | 4.2      | 3.3     | 0.11  | 0.01                   | 0.03                    |                                    |                             |
| 27 | Kakao         |              | 30     | 9.6    | 4.6      | 2.9     | 0.10  | 0.01                   | 0.03                    |                                    |                             |
| 28 | Kakao         |              | 37     | 11.8   | 4.7      | 3.6     | 0.12  | 0.01                   | 0.04                    |                                    |                             |
| 29 | Kakao         |              | 33     | 10.5   | 5.1      | 2.9     | 0.11  | 0.01                   | 0.04                    |                                    |                             |
| 30 | Kakao         |              | 40     | 12.7   | 6.2      | 3.1     | 0.13  | 0.01                   | 0.06                    |                                    |                             |
| 31 | Kakao         |              | 32     | 10.2   | 5.1      | 3.6     | 0.10  | 0.01                   | 0.03                    |                                    |                             |



**PLOT 7**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Gamal         | 18           | 77     | 24.5   | 4.9      | 3.6     | 0.25  | 0.05                   | 0.18                    | 0.145                              | 0.008                       |
| 2  | Gamal         |              | 47     | 15.0   | 4.3      | 3.1     | 0.15  | 0.02                   | 0.06                    |                                    |                             |
| 3  | Gamal         |              | 53     | 16.9   | 5.5      | 3.3     | 0.17  | 0.02                   | 0.10                    |                                    |                             |
| 4  | Gamal         |              | 46     | 14.6   | 5.2      | 3.6     | 0.15  | 0.02                   | 0.07                    |                                    |                             |
| 5  | Gamal         |              | 45     | 14.3   | 4.6      | 2.9     | 0.14  | 0.02                   | 0.06                    |                                    |                             |
| 6  | Gamal         |              | 74     | 23.6   | 5.2      | 3.1     | 0.24  | 0.04                   | 0.18                    |                                    |                             |
| 7  | Gamal         |              | 95     | 30.3   | 5.8      | 3.3     | 0.30  | 0.07                   | 0.33                    |                                    |                             |
| 8  | Gamal         |              | 53     | 16.9   | 6.1      | 4.0     | 0.17  | 0.02                   | 0.11                    |                                    |                             |
| 9  | Gamal         |              | 72     | 22.9   | 6.4      | 4.2     | 0.23  | 0.04                   | 0.21                    |                                    |                             |
| 10 | Dadap         | 18           | 101    | 32.2   | 9.4      | 3.3     | 0.32  | 0.08                   | 0.61                    | 0.380                              | 0.021                       |
| 11 | Dadap         |              | 74     | 23.6   | 8.0      | 2.9     | 0.24  | 0.04                   | 0.28                    |                                    |                             |
| 12 | Dadap         |              | 70     | 22.3   | 6.1      | 3.1     | 0.22  | 0.04                   | 0.19                    |                                    |                             |
| 13 | Dadap         |              | 119    | 37.9   | 6.4      | 3.3     | 0.38  | 0.11                   | 0.57                    |                                    |                             |
| 14 | Dadap         |              | 75     | 23.9   | 6.7      | 4.0     | 0.24  | 0.04                   | 0.24                    |                                    |                             |
| 15 | Dadap         |              | 102    | 32.5   | 6.4      | 3.3     | 0.32  | 0.08                   | 0.42                    |                                    |                             |
| 16 | Dadap         |              | 125    | 39.8   | 6.4      | 3.1     | 0.40  | 0.12                   | 0.63                    |                                    |                             |
| 17 | Dadap         |              | 88     | 28.0   | 6.1      | 3.4     | 0.28  | 0.06                   | 0.30                    |                                    |                             |
| 18 | Dadap         |              | 133    | 42.4   | 7.3      | 3.4     | 0.42  | 0.14                   | 0.82                    |                                    |                             |
| 19 | Dadap         |              | 55     | 17.5   | 5.8      | 2.9     | 0.18  | 0.02                   | 0.11                    |                                    |                             |
| 20 | Dadap         |              | 68     | 21.7   | 8.0      | 3.1     | 0.22  | 0.04                   | 0.23                    |                                    |                             |
| 21 | Dadap         |              | 57     | 18.2   | 6.7      | 3.3     | 0.18  | 0.03                   | 0.14                    |                                    |                             |
| 22 | Dadap         |              | 59     | 18.8   | 5.8      | 4.0     | 0.19  | 0.03                   | 0.13                    |                                    |                             |
| 23 | Dadap         |              | 43     | 13.7   | 7.0      | 3.6     | 0.14  | 0.01                   | 0.08                    |                                    |                             |
| 24 | Dadap         |              | 129    | 41.1   | 9.7      | 4.4     | 0.41  | 0.13                   | 1.03                    |                                    |                             |
| 25 | Dadap         |              | 61     | 19.4   | 5.5      | 3.1     | 0.19  | 0.03                   | 0.13                    |                                    |                             |
| 26 | Dadap         |              | 110    | 35.0   | 7.0      | 3.3     | 0.35  | 0.10                   | 0.54                    |                                    |                             |
| 27 | Dadap         | 87           | 27.7   | 8.0    | 3.8      | 0.28    | 0.06  | 0.38                   |                         |                                    |                             |
| 28 | Uru           | 18           | 64     | 20.4   | 7.0      | 3.1     | 0.20  | 0.03                   | 0.18                    | 0.261                              | 0.014                       |
| 29 | Uru           |              | 105    | 33.4   | 7.3      | 4.2     | 0.33  | 0.09                   | 0.51                    |                                    |                             |
| 30 | Uru           |              | 46     | 14.6   | 6.4      | 2.9     | 0.15  | 0.02                   | 0.09                    |                                    |                             |

**PLOT 8**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Dadap         | 15           | 61     | 19.4   | 9.0      | 4.0     | 0.19  | 0.03                   | 0.21                    | 0.168                              | 0.0112                      |
| 2  | Dadap         |              | 42     | 13.4   | 8.5      | 3.3     | 0.13  | 0.01                   | 0.10                    |                                    |                             |
| 3  | Dadap         |              | 58     | 18.5   | 6.8      | 3.1     | 0.18  | 0.03                   | 0.15                    |                                    |                             |
| 4  | Dadap         |              | 64     | 20.4   | 7.0      | 3.8     | 0.20  | 0.03                   | 0.18                    |                                    |                             |
| 5  | Dadap         |              | 55     | 17.5   | 7.7      | 3.4     | 0.18  | 0.02                   | 0.15                    |                                    |                             |
| 6  | Dadap         |              | 44     | 14.0   | 6.8      | 3.1     | 0.14  | 0.02                   | 0.08                    |                                    |                             |
| 7  | Dadap         |              | 43     | 13.7   | 6.8      | 3.6     | 0.14  | 0.01                   | 0.08                    |                                    |                             |
| 8  | Dadap         |              | 52     | 16.6   | 7.0      | 3.3     | 0.17  | 0.02                   | 0.12                    |                                    |                             |
| 9  | Dadap         |              | 69     | 22.0   | 7.7      | 3.1     | 0.22  | 0.04                   | 0.23                    |                                    |                             |
| 10 | Dadap         |              | 98     | 31.2   | 9.3      | 3.3     | 0.31  | 0.08                   | 0.57                    |                                    |                             |
| 11 | Dadap         |              | 60     | 19.1   | 8.8      | 3.8     | 0.19  | 0.03                   | 0.20                    |                                    |                             |
| 12 | Dadap         |              | 53     | 16.9   | 7.3      | 2.9     | 0.17  | 0.02                   | 0.13                    |                                    |                             |
| 13 | Dadap         |              | 65     | 20.7   | 7.5      | 3.3     | 0.21  | 0.03                   | 0.20                    |                                    |                             |
| 14 | Dadap         |              | 57     | 18.2   | 7.5      | 2.9     | 0.18  | 0.03                   | 0.16                    |                                    |                             |
| 15 | Dadap         |              | 54     | 17.2   | 7.3      | 3.4     | 0.17  | 0.02                   | 0.14                    |                                    |                             |
| 16 | Dadap         |              | 50     | 15.9   | 7.5      | 3.1     | 0.16  | 0.02                   | 0.12                    |                                    |                             |
| 17 | Dadap         |              | 43     | 13.7   | 7.0      | 3.4     | 0.14  | 0.01                   | 0.08                    |                                    |                             |
| 18 | Dadap         |              | 47     | 15.0   | 6.8      | 3.8     | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 19 | Dadap         |              | 42     | 13.4   | 7.3      | 3.3     | 0.13  | 0.01                   | 0.08                    |                                    |                             |
| 20 | Dadap         |              | 72     | 22.9   | 8.2      | 3.1     | 0.23  | 0.04                   | 0.27                    |                                    |                             |
| 21 | Dadap         |              | 62     | 19.7   | 8.0      | 3.8     | 0.20  | 0.03                   | 0.20                    |                                    |                             |
| 22 | Dadap         |              | 63     | 20.1   | 9.3      | 2.9     | 0.20  | 0.03                   | 0.24                    |                                    |                             |
| 23 | Dadap         |              | 54     | 17.2   | 10.5     | 3.6     | 0.17  | 0.02                   | 0.20                    |                                    |                             |
| 24 | Dadap         |              | 48     | 15.3   | 7.5      | 3.3     | 0.15  | 0.02                   | 0.11                    |                                    |                             |
| 25 | Suren         |              | 54     | 17.2   | 8.2      | 3.4     | 0.17  | 0.02                   | 0.15                    |                                    |                             |
| 26 | Suren         |              | 50     | 15.9   | 7.3      | 2.9     | 0.16  | 0.02                   | 0.12                    |                                    |                             |
| 27 | Aren          | 20           | 153    | 48.7   | 11.5     | 3.3     | 0.49  | 0.19                   | 1.71                    | 2.178                              | 0.1089                      |
| 28 | Aren          |              | 162    | 51.6   | 15.8     | 3.8     | 0.52  | 0.21                   | 2.64                    |                                    |                             |
| 29 | Aren          |              | 146    | 46.5   | 12.6     | 3.6     | 0.46  | 0.17                   | 1.71                    |                                    |                             |
| 30 | Aren          |              | 165    | 52.5   | 15.3     | 4.2     | 0.53  | 0.22                   | 2.65                    |                                    |                             |
| 31 | Gamal         | 16           | 59     | 18.8   | 8.2      | 3.6     | 0.19  | 0.03                   | 0.18                    | 0.169                              | 0.0105                      |
| 32 | Gamal         |              | 56     | 17.8   | 7.5      | 3.3     | 0.18  | 0.02                   | 0.15                    |                                    |                             |
| 33 | Gamal         |              | 59     | 18.8   | 8.0      | 3.4     | 0.19  | 0.03                   | 0.18                    |                                    |                             |
| 34 | Gamal         |              | 44     | 14.0   | 7.3      | 2.7     | 0.14  | 0.02                   | 0.09                    |                                    |                             |
| 35 | Gamal         |              | 70     | 22.3   | 7.5      | 3.3     | 0.22  | 0.04                   | 0.23                    |                                    |                             |
| 36 | Gamal         |              | 63     | 20.1   | 7.0      | 2.9     | 0.20  | 0.03                   | 0.18                    |                                    |                             |

### PLOT 9

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Nangka        | 15           | 64     | 20.4   | 9.6      | 4.4     | 0.20  | 0.03                   | 0.25                    | 0.25                               | 0.017                       |
| 2  | Alpukat       | 15           | 50     | 15.9   | 7.7      | 3.1     | 0.16  | 0.02                   | 0.12                    | 0.123                              | 0.008                       |
| 4  | Jati          | 10           | 61     | 19.4   | 11.2     | 5.1     | 0.19  | 0.03                   | 0.26                    | 0.264                              | 0.0264                      |
| 5  | Gamal         | 17           | 56     | 17.8   | 7.5      | 3.6     | 0.18  | 0.02                   | 0.15                    | 0.166                              | 0.010                       |
| 6  | Gamal         |              | 62     | 19.7   | 8.2      | 3.8     | 0.20  | 0.03                   | 0.20                    |                                    |                             |
| 7  | Gamal         |              | 67     | 21.3   | 8.0      | 3.6     | 0.21  | 0.04                   | 0.23                    |                                    |                             |
| 8  | Gamal         |              | 51     | 16.2   | 7.7      | 3.3     | 0.16  | 0.02                   | 0.13                    |                                    |                             |
| 9  | Gamal         |              | 48     | 15.3   | 7.0      | 3.8     | 0.15  | 0.02                   | 0.10                    |                                    |                             |
| 10 | Gamal         |              | 63     | 20.1   | 7.3      | 3.1     | 0.20  | 0.03                   | 0.18                    |                                    |                             |
| 11 | Suren         | 17           | 42     | 13.4   | 10.5     | 3.3     | 0.13  | 0.01                   | 0.12                    | 0.21                               | 0.012                       |
| 12 | Suren         |              | 46     | 14.6   | 11.2     | 2.9     | 0.15  | 0.02                   | 0.15                    |                                    |                             |
| 13 | Suren         |              | 62     | 19.7   | 12.2     | 4.0     | 0.20  | 0.03                   | 0.30                    |                                    |                             |
| 14 | Suren         |              | 59     | 18.8   | 11.5     | 3.6     | 0.19  | 0.03                   | 0.25                    |                                    |                             |
| 15 | Dadap         | 17           | 46     | 14.6   | 7.5      | 2.9     | 0.15  | 0.02                   | 0.10                    | 0.16                               | 0.009                       |
| 16 | Dadap         |              | 43     | 13.7   | 7.3      | 3.1     | 0.14  | 0.01                   | 0.09                    |                                    |                             |
| 17 | Dadap         |              | 44     | 14.0   | 7.0      | 2.9     | 0.14  | 0.02                   | 0.09                    |                                    |                             |
| 18 | Dadap         |              | 55     | 17.5   | 7.0      | 3.4     | 0.18  | 0.02                   | 0.14                    |                                    |                             |
| 19 | Dadap         |              | 50     | 15.9   | 7.3      | 3.3     | 0.16  | 0.02                   | 0.12                    |                                    |                             |
| 20 | Dadap         |              | 76     | 24.2   | 8.5      | 2.9     | 0.24  | 0.05                   | 0.31                    |                                    |                             |
| 21 | Dadap         |              | 63     | 20.1   | 7.7      | 3.6     | 0.20  | 0.03                   | 0.20                    |                                    |                             |
| 22 | Dadap         |              | 74     | 23.6   | 7.3      | 3.1     | 0.24  | 0.04                   | 0.25                    |                                    |                             |

**PLOT 10**

| No | Jenis Tanaman | Umur (tahun) | K (cm) | D (cm) | Ttot (m) | Tbc (m) | D (m) | LBDS (m <sup>2</sup> ) | V.Tot (m <sup>3</sup> ) | Volume Rata-rata (m <sup>3</sup> ) | MAI (m <sup>3</sup> /Tahun) |
|----|---------------|--------------|--------|--------|----------|---------|-------|------------------------|-------------------------|------------------------------------|-----------------------------|
| 1  | Uru           | 18           | 104    | 33.1   | 10.8     | 4.7     | 0.33  | 0.09                   | 0.75                    | 0.746                              | 0.041                       |
| 2  | Mangga        | 15           | 74     | 23.6   | 6.8      | 3.6     | 0.24  | 0.04                   | 0.24                    | 0.179                              | 0.012                       |
| 3  | Mangga        |              | 51     | 16.2   | 7.3      | 3.3     | 0.16  | 0.02                   | 0.12                    |                                    |                             |
| 4  | Mahoni        | 10           | 43     | 13.7   | 9.3      | 4.2     | 0.14  | 0.01                   | 0.11                    | 0.156                              | 0.016                       |
| 5  | Mahoni        |              | 61     | 19.4   | 8.5      | 3.8     | 0.19  | 0.03                   | 0.20                    |                                    |                             |
| 6  | Kayu Manis    | 18           | 104    | 33.1   | 11.9     | 5.7     | 0.33  | 0.09                   | 0.82                    | 0.683                              | 0.038                       |
| 7  | Kayu Manis    |              | 79     | 25.2   | 10.5     | 4.4     | 0.25  | 0.05                   | 0.42                    |                                    |                             |
| 8  | Kayu Manis    |              | 125    | 39.8   | 12.6     | 4.6     | 0.40  | 0.12                   | 1.25                    |                                    |                             |
| 9  | Kayu Manis    |              | 110    | 35.0   | 13.4     | 5.1     | 0.35  | 0.10                   | 1.03                    |                                    |                             |
| 10 | Kayu Manis    |              | 76     | 24.2   | 11.9     | 4.7     | 0.24  | 0.05                   | 0.44                    |                                    |                             |
| 11 | Kayu Manis    |              | 47     | 15.0   | 9.9      | 4.2     | 0.15  | 0.02                   | 0.14                    |                                    |                             |
| 12 | Gamal         | 18           | 62     | 19.7   | 7.3      | 2.9     | 0.20  | 0.03                   | 0.18                    | 0.204                              | 0.011                       |
| 13 | Gamal         |              | 60     | 19.1   | 7.0      | 3.8     | 0.19  | 0.03                   | 0.16                    |                                    |                             |
| 14 | Gamal         |              | 74     | 23.6   | 7.5      | 3.8     | 0.24  | 0.04                   | 0.26                    |                                    |                             |
| 15 | Gamal         |              | 68     | 21.7   | 7.3      | 3.1     | 0.22  | 0.04                   | 0.21                    |                                    |                             |
| 16 | Langsat       | 18           | 126    | 40.1   | 11.5     | 3.3     | 0.40  | 0.13                   | 1.16                    | 0.732                              | 0.041                       |
| 17 | Langsat       |              | 94     | 29.9   | 7.0      | 2.9     | 0.30  | 0.07                   | 0.40                    |                                    |                             |
| 18 | Langsat       |              | 138    | 43.9   | 11.2     | 4.0     | 0.44  | 0.15                   | 1.35                    |                                    |                             |
| 19 | Dadap         |              | 97     | 30.9   | 8.2      | 3.1     | 0.31  | 0.07                   | 0.49                    |                                    |                             |
| 20 | Kakao         |              | 65     | 20.7   | 2.7      | 3.3     | 0.21  | 0.03                   | 0.07                    |                                    |                             |
| 21 | Dadap         |              | 93     | 29.6   | 8.5      | 2.9     | 0.30  | 0.07                   | 0.47                    |                                    |                             |
| 22 | Dadap         |              | 81     | 25.8   | 8.2      | 3.1     | 0.26  | 0.05                   | 0.34                    |                                    |                             |
| 23 | Kakao         |              | 55     | 17.5   | 3.3      | 3.3     | 0.18  | 0.02                   | 0.06                    |                                    |                             |
| 24 | Dadap         |              | 126    | 40.1   | 9.9      | 4.2     | 0.40  | 0.13                   | 1.00                    |                                    |                             |
| 25 | Dadap         |              | 133    | 42.4   | 15.3     | 3.8     | 0.42  | 0.14                   | 1.72                    |                                    |                             |
| 26 | Dadap         |              | 102    | 32.5   | 9.6      | 4.4     | 0.32  | 0.08                   | 0.64                    |                                    |                             |
| 27 | Dadap         |              | 119    | 37.9   | 9.9      | 3.1     | 0.38  | 0.11                   | 0.89                    |                                    |                             |
| 28 | Dadap         |              | 81     | 25.8   | 8.8      | 3.3     | 0.26  | 0.05                   | 0.37                    |                                    |                             |
| 29 | Kakao         |              | 43     | 13.7   | 3.8      | 3.1     | 0.14  | 0.01                   | 0.04                    |                                    |                             |
| 30 | Dadap         |              | 71     | 22.6   | 8.2      | 2.9     | 0.23  | 0.04                   | 0.26                    |                                    |                             |
| 31 | Dadap         |              | 146    | 46.5   | 15.3     | 3.3     | 0.46  | 0.17                   | 2.07                    |                                    |                             |
| 32 | Dadap         | 121          | 38.5   | 9.0    | 3.1      | 0.39    | 0.12  | 0.84                   |                         |                                    |                             |
| 33 | Dadap         | 116          | 36.9   | 11.5   | 4.0      | 0.37    | 0.11  | 0.99                   |                         |                                    |                             |

**Lampiran 4.** Komposisi Jenis Tanaman Penyusun Agroforestri

| No | Jenis Tanaman                                | Plot |   |   |   |   |   |   |   |   |    |
|----|--|------|---|---|---|---|---|---|---|---|----|
|    |  | 1    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1  | Kopi ( <i>Coffea arabica</i> )               | √    | √ | √ | √ | √ | √ | √ | √ | √ | √  |
| 2  | Suren ( <i>Toona sureni</i> )                | √    | - | √ | √ | √ | - | - | √ | - | -  |
| 3  | Gamal ( <i>Gliricidia sepium</i> )           | √    | √ | √ | √ | √ | √ | √ | √ | √ | √  |
| 4  | Uru ( <i>Elmerrillia ovalis</i> )            | -    | - | √ | - | - | - | √ | - | - | √  |
| 5  | Dadap ( <i>Erythrina subumbrans</i> )        | √    | √ | √ | √ | √ | √ | √ | √ | √ | √  |
| 6  | Kayu Manis<br>( <i>Cinnamomum burmanni</i> ) | -    | √ | √ | - | - | √ | - | - | √ | √  |
| 7  | Alpukat ( <i>Persea americana</i> )          | √    | √ | - | - | - | - | - | - | √ | √  |
| 8  | Mahoni ( <i>Swietenia mahagoni</i> )         | -    | - | - | - | - | √ | √ | - | - | √  |
| 9  | Jati Putih ( <i>Gmelina arborea</i> )        | -    | - | - | - | - | - | - | - | √ | -  |
| 10 | Kakao ( <i>Theobroma cacao</i> )             | -    | √ | - | - | - | √ | - | - | √ | √  |
| 11 | Nangka ( <i>Artocarpus integra</i> )         | √    | - | - | - | √ | - | - | - | √ | -  |
| 12 | Langsat ( <i>Lansium domesticum</i> )        | √    | - | - | - | - | √ | - | - | - | √  |
| 13 | Aren ( <i>Arenga pinnata</i> )               | √    | - | - | - | - | - | - | √ | - | -  |
| 14 | Pisang ( <i>Musa spp</i> )                   | √    | √ | - | √ | - | - | - | √ | √ | -  |
| 15 | Talas ( <i>Colocasia esculenta</i> )         | -    | √ | - | √ | - | - | √ | - | √ | -  |
| 16 | Jahe ( <i>Zingiber officinale</i> )          | √    | √ | - | √ | - | √ | √ | - | - | √  |

**Lampiran 5. Produktivitas Lahan Kopi**

| Responden | Luas Lahan (Ha) | Produksi (Kg) | Produktivitas Lahan (Kg/Ha) |
|-----------|-----------------|---------------|-----------------------------|
| 1         | 0.7             | 250           | 357.1                       |
| 2         | 1.5             | 650           | 433.3                       |
| 3         | 1               | 250           | 250.0                       |
| 4         | 1               | 425           | 425.0                       |
| 5         | 1.6             | 800           | 500.0                       |
| 6         | 0.8             | 300           | 375.0                       |
| 7         | 1               | 500           | 500.0                       |
| 8         | 1.1             | 600           | 545.5                       |
| 9         | 0.6             | 225           | 375.0                       |
| 10        | 0.8             | 400           | 500.0                       |
| 11        | 0.6             | 300           | 500.0                       |
| 12        | 0.8             | 250           | 312.5                       |
| 13        | 0.7             | 225           | 321.4                       |
| 14        | 1               | 350           | 350.0                       |
| 15        | 0.7             | 250           | 357.1                       |
| 16        | 1               | 300           | 300.0                       |
| 17        | 0.8             | 500           | 625.0                       |
| 18        | 1               | 325           | 325.0                       |
| 19        | 0.6             | 225           | 375.0                       |
| 20        | 1.4             | 550           | 392.9                       |
| 21        | 1               | 500           | 500.0                       |
| 22        | 0.8             | 350           | 437.5                       |
| 23        | 0.5             | 225           | 450.0                       |
| 24        | 1               | 450           | 450.0                       |
| 25        | 0.6             | 300           | 500.0                       |
| 26        | 0.8             | 425           | 531.3                       |
| 27        | 0.9             | 400           | 444.4                       |
| 28        | 2               | 1150          | 575.0                       |
| 29        | 1.3             | 500           | 384.6                       |
| 30        | 1.2             | 500           | 416.7                       |

## Lampiran 6. Dokumentasi



