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# LAMPIRAN

lampiran 1. Tabel rekapitulasi parameter pertumbuhan dan curah hujan.

| No | kompartemen | Tanggal Tanam     | Tanggal <i>Inventory</i> | Umur    | Pertumbuhan |               |                          |                 | Jumlah Curah Hujan (mm) |
|----|-------------|-------------------|--------------------------|---------|-------------|---------------|--------------------------|-----------------|-------------------------|
|    |             |                   |                          |         | Tinggi (m)  | Diameter (cm) | Volume (m <sup>3</sup> ) | <i>Survival</i> |                         |
| 1  | BASB033     | 15 Januari 2021   | 06 Juli 2023             | 6 Bulan | 2,68        | -             | -                        | 102,28          | 1187,40                 |
| 2  | BASB034     | 15 Januari 2021   | 06 Juli 2023             | 6 Bulan | 2,38        | -             | -                        | 100,78          | 1187,40                 |
| 3  | BASB035     | 15 Januari 2021   | 06 Juli 2023             | 6 Bulan | 2,35        | -             | -                        | 99,28           | 1187,40                 |
| 4  | BASC029     | 15 November 2020  | 04 Mei 2023              | 6 Bulan | 3,53        | -             | -                        | 97,48           | 1161,80                 |
| 5  | BASC032     | 15 November 2020  | 08 Mei 2023              | 6 Bulan | 3,17        | -             | -                        | 103,03          | 1161,80                 |
| 6  | BASF002     | 15 September 2020 | 10 Maret 2023            | 6 Bulan | 2,16        | -             | -                        | 102,41          | 1418,60                 |
| 7  | BASF005     | 15 Oktober 2020   | 03 April 2023            | 6 Bulan | 3,30        | -             | -                        | 102,98          | 1435,60                 |
| 8  | BASF017     | 15 Agustus 2020   | 09 Februari 2023         | 6 Bulan | 2,38        | -             | -                        | 107,38          | 1424,00                 |
| 9  | BASF020     | 15 Agustus 2020   | 06 Februari 2023         | 6 Bulan | 2,91        | -             | -                        | 105,73          | 1424,00                 |
| 10 | BASF021     | 15 Agustus 2020   | 09 Februari 2023         | 6 Bulan | 2,75        | -             | -                        | 99,81           | 1424,20                 |
| 11 | BASG023     | 15 Desember 2020  | 13 Juni 2023             | 6 Bulan | 2,45        | -             | -                        | 96,54           | 1199,20                 |
| 12 | BASH006     | 15 Oktober 2019   | 14 April 2022            | 6 Bulan | 2,29        | -             | -                        | 103,73          | 1865,70                 |
| 13 | BASH017     | 15 Juli 2019      | 14 Januari 2022          | 6 Bulan | 2,09        | -             | -                        | 99,28           | 1069,06                 |
| 14 | BASH046     | 15 Oktober 2019   | 04 April 2022            | 6 Bulan | 2,85        | -             | -                        | 107,30          | 1865,70                 |
| 15 | BASI020     | 15 Agustus 2019   | 14 Februari 2022         | 6 Bulan | 1,79        | -             | -                        | 103,69          | 1451,46                 |
| 16 | BASI022     | 15 Juli 2019      | 12 Januari 2022          | 6 Bulan | 1,54        | -             | -                        | 105,88          | 1063,66                 |
| 17 | BASI059     | 15 September 2019 | 04 Februari 2022         | 6 Bulan | 1,94        | -             | -                        | 100,29          | 1674,10                 |
| 18 | BASI060     | 15 Oktober 2019   | 08 April 2022            | 6 Bulan | 2,71        | -             | -                        | 98,98           | 1865,70                 |
| 19 | BASI116     | 15 Agustus 2019   | 14 Februari 2022         | 6 Bulan | 1,25        | -             | -                        | 104,38          | 1424,26                 |
| 20 | BASJ021     | 19 Desember 2019  | 04 Juni 2022             | 6 Bulan | 2,91        | -             | -                        | 96,28           | 1734,00                 |

Tabel lanjutan rekapitulasi parameter pertumbuhan dan curah hujan.

|    |         |                   |                   |          |       |      |       |        |         |
|----|---------|-------------------|-------------------|----------|-------|------|-------|--------|---------|
| 21 | BASJ025 | 19 Desember 2019  | 04 Juni 2022      | 6 Bulan  | 3,03  | -    | -     | 90,88  | 1734,00 |
| 22 | BASJ077 | 15 Mei 2020       | 03 November 2022  | 6 Bulan  | 3,24  | -    | -     | 96,48  | 1289,60 |
| 23 | BASQ003 | 15 Juli 2020      | 16 Januari 2023   | 6 Bulan  | 3,14  | -    | -     | 102,58 | 1351,20 |
| 24 | BASQ007 | 15 November 2020  | 02 Mei 2023       | 6 Bulan  | 3,03  | -    | -     | 97,48  | 1161,80 |
| 25 | BASS008 | 15 Maret 2020     | 20 September 2022 | 6 Bulan  | 2,78  | -    | -     | 92,08  | 1468,60 |
| 26 | BASS014 | 15 September 2020 | 07 Maret 2023     | 6 Bulan  | 2,25  | -    | -     | 101,08 | 1418,00 |
| 27 | BASS017 | 15 Oktober 2020   | 01 April 2023     | 6 Bulan  | 3,13  | -    | -     | 102,88 | 1425,20 |
| 28 | BASS019 | 15 Desember 2020  | 12 Juni 2023      | 6 Bulan  | 2,16  | -    | -     | 100,78 | 1199,40 |
| 29 | BASS022 | 15 Oktober 2020   | 05 April 2023     | 6 Bulan  | 3,04  | -    | -     | 103,78 | 1425,20 |
| 30 | BASS056 | 15 Juli 2020      | 05 Januari 2023   | 6 Bulan  | 3,64  | -    | -     | 95,98  | 1408,20 |
| 31 | BASB033 | 15 Januari 2021   | 06 Juli 2023      | 18 Bulan | 11,22 | 9,13 | 44,98 | 102,28 | 3761,70 |
| 32 | BASB034 | 15 Januari 2021   | 06 Juli 2023      | 18 Bulan | 11,24 | 8,79 | 41,99 | 101,68 | 3757,70 |
| 33 | BASB035 | 15 Januari 2021   | 06 Juli 2023      | 18 Bulan | 10,91 | 8,65 | 40,04 | 99,88  | 3757,70 |
| 34 | BASC029 | 15 November 2020  | 04 Mei 2023       | 18 Bulan | 11,81 | 9,12 | 45,46 | 97,78  | 3868,90 |
| 35 | BASC032 | 15 November 2020  | 08 Mei 2023       | 18 Bulan | 10,43 | 8,65 | 38,12 | 103,63 | 3846,90 |
| 36 | BASF002 | 15 September 2020 | 10 Maret 2023     | 18 Bulan | 11,11 | 7,65 | 31,92 | 102,41 | 3921,70 |
| 37 | BASF005 | 15 Oktober 2020   | 03 April 2023     | 18 Bulan | 11,40 | 9,21 | 47,22 | 102,98 | 4103,70 |
| 38 | BASF017 | 15 Agustus 2020   | 09 Februari 2023  | 18 Bulan | 11,40 | 8,19 | 39,60 | 107,68 | 3675,50 |
| 39 | BASF020 | 15 Agustus 2020   | 06 Februari 2023  | 18 Bulan | 11,51 | 8,35 | 40,34 | 105,92 | 3675,50 |
| 40 | BASF021 | 15 Agustus 2020   | 09 Februari 2023  | 18 Bulan | 11,28 | 8,55 | 38,95 | 99,81  | 3664,10 |
| 41 | BASG023 | 15 Desember 2020  | 13 Juni 2023      | 18 Bulan | 10,49 | 8,15 | 31,33 | 96,73  | 3816,10 |
| 42 | BASH006 | 15 Oktober 2019   | 14 April 2022     | 18 Bulan | 11,28 | 7,91 | 35,78 | 104,23 | 4181,70 |
| 43 | BASH017 | 15 Juli 2019      | 14 Januari 2022   | 18 Bulan | 10,65 | 8,40 | 34,87 | 99,28  | 3962,66 |
| 44 | BASH046 | 15 Oktober 2019   | 04 April 2022     | 18 Bulan | 10,84 | 8,44 | 39,63 | 108,66 | 4313,30 |
| 45 | BASI020 | 15 Agustus 2019   | 14 Februari 2022  | 18 Bulan | 9,27  | 8,34 | 30,81 | 104,55 | 4111,46 |

Tabel lanjutan rekapitulasi parameter pertumbuhan dan curah hujan.

|    |         |                   |                   |          |       |       |        |        |         |
|----|---------|-------------------|-------------------|----------|-------|-------|--------|--------|---------|
| 46 | BASIO22 | 15 Juli 2019      | 12 Januari 2022   | 18 Bulan | 8,38  | 7,23  | 22,62  | 111,58 | 3962,06 |
| 47 | BASIO59 | 15 September 2019 | 04 Februari 2022  | 18 Bulan | 10,07 | 8,47  | 34,19  | 100,67 | 4245,70 |
| 48 | BASIO60 | 15 Oktober 2019   | 08 April 2022     | 18 Bulan | 11,25 | 8,51  | 38,71  | 99,28  | 4227,90 |
| 49 | BASII16 | 15 Agustus 2019   | 14 Februari 2022  | 18 Bulan | 8,80  | 7,06  | 22,04  | 106,48 | 4111,46 |
| 50 | BASJ021 | 19 Desember 2019  | 04 Juni 2022      | 18 Bulan | 11,12 | 7,97  | 32,98  | 97,18  | 3963,20 |
| 51 | BASJ025 | 19 Desember 2019  | 04 Juni 2022      | 18 Bulan | 10,65 | 8,19  | 31,25  | 91,48  | 3963,20 |
| 52 | BASJ077 | 15 Mei 2020       | 03 November 2022  | 18 Bulan | 11,73 | 8,82  | 42,10  | 97,65  | 3466,00 |
| 53 | BASQ003 | 15 Juli 2020      | 16 Januari 2023   | 18 Bulan | 10,77 | 8,55  | 38,83  | 102,88 | 3566,50 |
| 54 | BASQ007 | 15 November 2020  | 02 Mei 2023       | 18 Bulan | 11,24 | 8,74  | 40,07  | 99,58  | 3868,90 |
| 55 | BASS008 | 15 Maret 2020     | 20 September 2022 | 18 Bulan | 10,40 | 8,08  | 29,44  | 92,38  | 3779,40 |
| 56 | BASS014 | 15 September 2020 | 07 Maret 2023     | 18 Bulan | 11,57 | 8,29  | 39,43  | 104,38 | 4140,30 |
| 57 | BASS017 | 15 Oktober 2020   | 01 April 2023     | 18 Bulan | 11,49 | 9,15  | 46,96  | 102,88 | 3962,70 |
| 58 | BASS019 | 15 Desember 2020  | 12 Juni 2023      | 18 Bulan | 10,49 | 8,06  | 33,04  | 102,58 | 3817,10 |
| 59 | BASS022 | 15 Oktober 2020   | 05 April 2023     | 18 Bulan | 12,02 | 8,74  | 45,77  | 103,78 | 3973,30 |
| 60 | BASS056 | 15 Juli 2020      | 05 Januari 2023   | 18 Bulan | 11,22 | 8,81  | 38,82  | 96,28  | 3566,50 |
| 61 | BASB033 | 15 Januari 2021   | 06 Juli 2023      | 30 Bulan | 17,84 | 11,50 | 117,78 | 102,28 | 6830,90 |
| 62 | BASB034 | 15 Januari 2021   | 06 Juli 2023      | 30 Bulan | 16,91 | 11,14 | 105,82 | 101,68 | 6830,90 |
| 63 | BASB035 | 15 Januari 2021   | 06 Juli 2023      | 30 Bulan | 17,05 | 11,28 | 106,13 | 99,88  | 6830,90 |
| 64 | BASC029 | 15 November 2020  | 04 Mei 2023       | 30 Bulan | 17,33 | 11,21 | 104,15 | 97,78  | 6547,70 |
| 65 | BASC032 | 15 November 2020  | 08 Mei 2023       | 30 Bulan | 16,50 | 10,72 | 96,25  | 103,93 | 6599,90 |
| 66 | BASF002 | 15 September 2020 | 10 Maret 2023     | 30 Bulan | 16,21 | 10,44 | 88,61  | 102,62 | 6475,70 |
| 67 | BASF005 | 15 Oktober 2020   | 03 April 2023     | 30 Bulan | 16,08 | 10,58 | 161,20 | 180,39 | 6536,10 |
| 68 | BASF017 | 15 Agustus 2020   | 09 Februari 2023  | 30 Bulan | 15,72 | 10,50 | 90,83  | 107,98 | 6460,50 |
| 69 | BASF020 | 15 Agustus 2020   | 06 Februari 2023  | 30 Bulan | 16,91 | 10,34 | 94,09  | 106,10 | 6457,50 |
| 70 | BASF021 | 15 Agustus 2020   | 09 Februari 2023  | 30 Bulan | 16,41 | 10,50 | 88,59  | 99,81  | 6460,50 |

Tabel lanjutan rekapitulasi parameter pertumbuhan dan curah hujan.

|    |         |                   |                   |          |       |       |        |        |         |
|----|---------|-------------------|-------------------|----------|-------|-------|--------|--------|---------|
| 71 | BASG023 | 15 Desember 2020  | 13 Juni 2023      | 30 Bulan | 15,92 | 10,45 | 82,40  | 97,29  | 6686,50 |
| 72 | BASH006 | 15 Oktober 2019   | 14 April 2022     | 30 Bulan | 13,99 | 9,90  | 71,64  | 104,23 | 6869,60 |
| 73 | BASH017 | 15 Juli 2019      | 14 Januari 2022   | 30 Bulan | 17,28 | 10,44 | 91,16  | 99,28  | 6259,36 |
| 74 | BASH046 | 15 Oktober 2019   | 04 April 2022     | 30 Bulan | 15,32 | 10,02 | 81,23  | 107,98 | 6811,20 |
| 75 | BASIO20 | 15 Agustus 2019   | 14 Februari 2022  | 30 Bulan | 15,70 | 10,42 | 84,14  | 104,12 | 6545,96 |
| 76 | BASIO22 | 15 Juli 2019      | 12 Januari 2022   | 30 Bulan | 14,75 | 9,92  | 74,77  | 108,28 | 6259,36 |
| 77 | BASIO59 | 15 September 2019 | 04 Februari 2022  | 30 Bulan | 15,99 | 10,64 | 86,65  | 100,67 | 6330,80 |
| 78 | BASIO60 | 15 Oktober 2019   | 08 April 2022     | 30 Bulan | 15,77 | 10,82 | 90,24  | 98,98  | 6819,20 |
| 79 | BASII16 | 15 Agustus 2019   | 14 Februari 2022  | 30 Bulan | 13,95 | 9,65  | 65,68  | 105,58 | 6545,96 |
| 80 | BASJ021 | 19 Desember 2019  | 04 Juni 2022      | 30 Bulan | 16,51 | 10,09 | 80,47  | 98,08  | 6647,30 |
| 81 | BASJ025 | 19 Desember 2019  | 04 Juni 2022      | 30 Bulan | 16,24 | 10,54 | 79,75  | 91,78  | 6647,30 |
| 82 | BASJ077 | 15 Mei 2020       | 03 November 2022  | 30 Bulan | 16,40 | 11,23 | 96,80  | 97,98  | 6204,50 |
| 83 | BASQ003 | 15 Juli 2020      | 16 Januari 2023   | 30 Bulan | 16,86 | 10,63 | 96,44  | 102,88 | 6441,90 |
| 84 | BASQ007 | 15 November 2020  | 02 Mei 2023       | 30 Bulan | 16,51 | 10,73 | 91,96  | 99,58  | 6484,10 |
| 85 | BASS008 | 15 Maret 2020     | 20 September 2022 | 30 Bulan | 16,95 | 10,30 | 83,73  | 93,28  | 6505,70 |
| 86 | BASS014 | 15 September 2020 | 07 Maret 2023     | 30 Bulan | 16,32 | 10,48 | 92,90  | 104,08 | 6471,10 |
| 87 | BASS017 | 15 Oktober 2020   | 01 April 2023     | 30 Bulan | 16,95 | 11,18 | 107,54 | 103,18 | 6533,10 |
| 88 | BASS019 | 15 Desember 2020  | 12 Juni 2023      | 30 Bulan | 16,36 | 10,41 | 88,72  | 102,58 | 6686,50 |
| 89 | BASS022 | 15 Oktober 2020   | 05 April 2023     | 30 Bulan | 16,70 | 10,68 | 97,03  | 103,78 | 6548,30 |
| 90 | BASS056 | 15 Juli 2020      | 05 Januari 2023   | 30 Bulan | 15,07 | 10,84 | 82,88  | 96,28  | 6383,10 |

Lampiran 2. Hasil regresi curah hujan terhadap tinggi.

| NO | CID     | X       | Y     | X2          | Y2     | XY       |
|----|---------|---------|-------|-------------|--------|----------|
| 1  | BASB033 | 1187,40 | 2,68  | 1409918,76  | 7,20   | 3185,36  |
| 2  | BASB034 | 1187,40 | 2,38  | 1409918,76  | 5,66   | 2823,93  |
| 3  | BASB035 | 1187,40 | 2,35  | 1409918,76  | 5,53   | 2792,55  |
| 4  | BASC029 | 1161,80 | 3,53  | 1349779,24  | 12,49  | 4106,61  |
| 5  | BASC032 | 1161,80 | 3,17  | 1349779,24  | 10,04  | 3682,08  |
| 6  | BASF002 | 1418,60 | 2,16  | 2012425,96  | 4,65   | 3060,03  |
| 7  | BASF005 | 1435,60 | 3,30  | 2060947,36  | 10,90  | 4739,83  |
| 8  | BASF017 | 1424,00 | 2,38  | 2027776,00  | 5,67   | 3392,23  |
| 9  | BASF020 | 1424,00 | 2,91  | 2027776,00  | 8,49   | 4148,19  |
| 10 | BASF021 | 1424,20 | 2,75  | 2028345,64  | 7,58   | 3919,81  |
| 11 | BASG023 | 1199,20 | 2,45  | 1438080,64  | 6,02   | 2941,82  |
| 12 | BASH006 | 1865,70 | 2,29  | 3480836,49  | 5,26   | 4276,91  |
| 13 | BASH017 | 1069,06 | 2,09  | 1142889,28  | 4,38   | 2238,33  |
| 14 | BASH046 | 1865,70 | 2,85  | 3480836,49  | 8,13   | 5320,05  |
| 15 | BASI020 | 1451,46 | 1,79  | 2106736,13  | 3,21   | 2598,72  |
| 16 | BASI022 | 1063,66 | 1,54  | 1131372,60  | 2,37   | 1636,21  |
| 17 | BASI059 | 1674,10 | 1,94  | 2802610,81  | 3,76   | 3244,05  |
| 18 | BASI060 | 1865,70 | 2,71  | 3480836,49  | 7,33   | 5051,54  |
| 19 | BASI116 | 1424,26 | 1,25  | 2028516,55  | 1,56   | 1777,23  |
| 20 | BASJ021 | 1734,00 | 2,91  | 3006756,00  | 8,45   | 5040,20  |
| 21 | BASJ025 | 1734,00 | 3,03  | 3006756,00  | 9,17   | 5252,23  |
| 22 | BASJ077 | 1289,60 | 3,24  | 1663068,16  | 10,47  | 4173,19  |
| 23 | BASQ003 | 1351,20 | 3,14  | 1825741,44  | 9,86   | 4243,47  |
| 24 | BASQ007 | 1161,80 | 3,03  | 1349779,24  | 9,17   | 3518,64  |
| 25 | BASS008 | 1468,60 | 2,78  | 2156785,96  | 7,70   | 4075,71  |
| 26 | BASS014 | 1418,00 | 2,25  | 2010724,00  | 5,05   | 3187,09  |
| 27 | BASS017 | 1425,20 | 3,13  | 2031195,04  | 9,80   | 4462,40  |
| 28 | BASS019 | 1199,40 | 2,16  | 1438560,36  | 4,65   | 2587,45  |
| 29 | BASS022 | 1425,20 | 3,04  | 2031195,04  | 9,25   | 4333,95  |
| 30 | BASS056 | 1408,20 | 3,64  | 1983027,24  | 13,28  | 5132,13  |
| 31 | BASB033 | 3761,70 | 11,22 | 14150386,89 | 125,93 | 42212,49 |
| 32 | BASB034 | 3757,70 | 11,24 | 14120309,29 | 126,43 | 42252,54 |
| 33 | BASB035 | 3757,70 | 10,91 | 14120309,29 | 118,99 | 40990,34 |
| 34 | BASC029 | 3868,90 | 11,81 | 14968387,21 | 139,41 | 45680,60 |
| 35 | BASC032 | 3846,90 | 10,43 | 14798639,61 | 108,78 | 40122,74 |
| 36 | BASF002 | 3921,70 | 11,11 | 15379730,89 | 123,33 | 43551,91 |
| 37 | BASF005 | 4103,70 | 11,40 | 16840353,69 | 129,89 | 46770,43 |
| 38 | BASF017 | 3675,50 | 11,40 | 13509300,25 | 129,98 | 41903,59 |
| 39 | BASF020 | 3675,50 | 11,51 | 13509300,25 | 132,56 | 42318,54 |
| 40 | BASF021 | 3664,10 | 11,28 | 13425628,81 | 127,28 | 41338,27 |
| 41 | BASG023 | 3816,10 | 10,49 | 14562619,21 | 109,94 | 40012,34 |
| 42 | BASH006 | 4181,70 | 11,28 | 17486614,89 | 127,22 | 47166,83 |



Tabel lanjutan hasil regresi curah hujan terhadap tinggi.

|    |         |         |       |             |        |           |
|----|---------|---------|-------|-------------|--------|-----------|
| 43 | BASH017 | 3962,66 | 10,65 | 15702674,28 | 113,38 | 42194,50  |
| 44 | BASH046 | 4313,30 | 10,84 | 18604556,89 | 117,49 | 46753,18  |
| 45 | BASI020 | 4111,46 | 9,27  | 16904103,33 | 85,85  | 38095,56  |
| 46 | BASI022 | 3962,06 | 8,38  | 15697919,44 | 70,21  | 33199,08  |
| 47 | BASI059 | 4245,70 | 10,07 | 18025968,49 | 101,31 | 42734,43  |
| 48 | BASI060 | 4227,90 | 11,25 | 17875138,41 | 126,49 | 47549,36  |
| 49 | BASI116 | 4111,46 | 8,80  | 16904103,33 | 77,45  | 36183,41  |
| 50 | BASJ021 | 3963,20 | 11,12 | 15706954,24 | 123,71 | 44080,25  |
| 51 | BASJ025 | 3963,20 | 10,65 | 15706954,24 | 113,35 | 42194,68  |
| 52 | BASJ077 | 3466,00 | 11,73 | 12013156,00 | 137,57 | 40653,17  |
| 53 | BASQ003 | 3566,50 | 10,77 | 12719922,25 | 116,03 | 38416,87  |
| 54 | BASQ007 | 3868,90 | 11,24 | 14968387,21 | 126,38 | 43493,83  |
| 55 | BASS008 | 3779,40 | 10,40 | 14283864,36 | 108,23 | 39317,57  |
| 56 | BASS014 | 4140,30 | 11,57 | 17142084,09 | 133,78 | 47887,35  |
| 57 | BASS017 | 3962,70 | 11,49 | 15702991,29 | 132,11 | 45546,53  |
| 58 | BASS019 | 3817,10 | 10,49 | 14570252,41 | 109,99 | 40031,52  |
| 59 | BASS022 | 3973,30 | 12,02 | 15787112,89 | 144,51 | 47763,35  |
| 60 | BASS056 | 3566,50 | 11,22 | 12719922,25 | 125,81 | 40003,92  |
| 61 | BASB033 | 6830,90 | 17,84 | 46661194,81 | 318,34 | 121877,49 |
| 62 | BASB034 | 6830,90 | 16,91 | 46661194,81 | 285,86 | 115493,05 |
| 63 | BASB035 | 6830,90 | 17,05 | 46661194,81 | 290,58 | 116441,74 |
| 64 | BASC029 | 6547,70 | 17,33 | 42872375,29 | 300,27 | 113461,18 |
| 65 | BASC032 | 6599,90 | 16,50 | 43558680,01 | 272,38 | 108923,49 |
| 66 | BASF002 | 6475,70 | 16,21 | 41934690,49 | 262,89 | 104997,07 |
| 67 | BASF005 | 6536,10 | 16,08 | 42720603,21 | 258,58 | 105102,95 |
| 68 | BASF017 | 6460,50 | 15,72 | 41738060,25 | 247,20 | 101575,56 |
| 69 | BASF020 | 6457,50 | 16,91 | 41699306,25 | 286,12 | 109228,27 |
| 70 | BASF021 | 6460,50 | 16,41 | 41738060,25 | 269,18 | 105996,11 |
| 71 | BASG023 | 6686,50 | 15,92 | 44709282,25 | 253,36 | 106431,66 |
| 72 | BASH006 | 6869,60 | 13,99 | 47191404,16 | 195,80 | 96126,29  |
| 73 | BASH017 | 6259,36 | 17,28 | 39179587,61 | 298,61 | 108163,47 |
| 74 | BASH046 | 6811,20 | 15,32 | 46392445,44 | 234,82 | 104373,95 |
| 75 | BASI020 | 6545,96 | 15,70 | 42849592,32 | 246,39 | 102750,49 |
| 76 | BASI022 | 6259,36 | 14,75 | 39179587,61 | 217,69 | 92353,60  |
| 77 | BASI059 | 6330,80 | 15,99 | 40079028,64 | 255,71 | 101235,47 |
| 78 | BASI060 | 6819,20 | 15,77 | 46501488,64 | 248,64 | 107527,83 |
| 79 | BASI116 | 6545,96 | 13,95 | 42849592,32 | 194,53 | 91298,53  |
| 80 | BASJ021 | 6647,30 | 16,51 | 44186597,29 | 272,49 | 109728,29 |
| 81 | BASJ025 | 6647,30 | 16,24 | 44186597,29 | 263,88 | 107980,67 |
| 82 | BASJ077 | 6204,50 | 16,40 | 38495820,25 | 269,07 | 101775,49 |
| 83 | BASQ003 | 6441,90 | 16,86 | 41498075,61 | 284,20 | 108598,21 |
| 84 | BASQ007 | 6484,10 | 16,51 | 42043552,81 | 272,50 | 107036,63 |
| 85 | BASS008 | 6505,70 | 16,95 | 42324132,49 | 287,17 | 110246,71 |

Tabel lanjutan hasil regresi curah hujan terhadap tinggi.

|       |         |           |        |               |          |            |
|-------|---------|-----------|--------|---------------|----------|------------|
| 86    | BASS014 | 6471,10   | 16,32  | 41875135,21   | 266,42   | 105623,31  |
| 87    | BASS017 | 6533,10   | 16,95  | 42681395,61   | 287,23   | 110721,11  |
| 88    | BASS019 | 6686,50   | 16,36  | 44709282,25   | 267,59   | 109379,71  |
| 89    | BASS022 | 6548,30   | 16,70  | 42880232,89   | 278,89   | 109356,85  |
| 90    | BASS056 | 6383,10   | 15,07  | 40743965,61   | 226,96   | 96162,07   |
| TOTAL |         | 355850,52 | 891,39 | 1809392691,84 | 11693,82 | 4571328,39 |

Persamaannya adalah sebagai berikut:

$$y = a + bx$$

$$y = -0,38 + 0,00x$$

lampiran 3. Hasil regresi curah hujan terhadap diameter.

| NO | CID     | X       | Y    | X2          | Y2    | XY       |
|----|---------|---------|------|-------------|-------|----------|
| 1  | BASB033 | 3761,70 | 9,13 | 14150386,89 | 83,36 | 34345,06 |
| 2  | BASB034 | 3757,70 | 8,79 | 14120309,29 | 77,29 | 33035,98 |
| 3  | BASB035 | 3757,70 | 8,65 | 14120309,29 | 74,90 | 32521,64 |
| 4  | BASC029 | 3868,90 | 9,12 | 14968387,21 | 83,09 | 35267,31 |
| 5  | BASC032 | 3846,90 | 8,65 | 14798639,61 | 74,74 | 33257,43 |
| 6  | BASF002 | 3921,70 | 7,65 | 15379730,89 | 58,53 | 30002,03 |
| 7  | BASF005 | 4103,70 | 9,21 | 16840353,69 | 84,90 | 37812,90 |
| 8  | BASF017 | 3675,50 | 8,19 | 13509300,25 | 67,07 | 30101,28 |
| 9  | BASF020 | 3675,50 | 8,35 | 13509300,25 | 69,79 | 30704,71 |
| 10 | BASF021 | 3664,10 | 8,55 | 13425628,81 | 73,15 | 31337,93 |
| 11 | BASG023 | 3816,10 | 8,15 | 14562619,21 | 66,35 | 31084,15 |
| 12 | BASH006 | 4181,70 | 7,91 | 17486614,89 | 62,51 | 33062,18 |
| 13 | BASH017 | 3962,66 | 8,40 | 15702674,28 | 70,61 | 33297,88 |
| 14 | BASH046 | 4313,30 | 8,44 | 18604556,89 | 71,25 | 36409,00 |
| 15 | BASIO20 | 4111,46 | 8,34 | 16904103,33 | 69,61 | 34302,58 |
| 16 | BASIO22 | 3962,06 | 7,23 | 15697919,44 | 52,29 | 28651,02 |
| 17 | BASIO59 | 4245,70 | 8,47 | 18025968,49 | 71,82 | 35979,84 |
| 18 | BASIO60 | 4227,90 | 8,51 | 17875138,41 | 72,49 | 35995,70 |
| 19 | BASII16 | 4111,46 | 7,06 | 16904103,33 | 49,79 | 29011,93 |
| 20 | BASJ021 | 3963,20 | 7,97 | 15706954,24 | 63,58 | 31600,99 |
| 21 | BASJ025 | 3963,20 | 8,19 | 15706954,24 | 67,03 | 32447,76 |
| 22 | BASJ077 | 3466,00 | 8,82 | 12013156,00 | 77,71 | 30553,44 |
| 23 | BASQ003 | 3566,50 | 8,55 | 12719922,25 | 73,18 | 30509,51 |
| 24 | BASQ007 | 3868,90 | 8,74 | 14968387,21 | 76,42 | 33821,08 |

Tabel lanjutan hasil regresi curah hujan terhadap diameter.

|       |         |           |        |               |         |            |
|-------|---------|-----------|--------|---------------|---------|------------|
| 25    | BASS008 | 3779,40   | 8,08   | 14283864,36   | 65,27   | 30532,67   |
| 26    | BASS014 | 4140,30   | 8,29   | 17142084,09   | 68,65   | 34303,87   |
| 27    | BASS017 | 3962,70   | 9,15   | 15702991,29   | 83,64   | 36240,16   |
| 28    | BASS019 | 3817,10   | 8,06   | 14570252,41   | 65,00   | 30775,59   |
| 29    | BASS022 | 3973,30   | 8,74   | 15787112,89   | 76,31   | 34708,54   |
| 30    | BASS056 | 3566,50   | 8,81   | 12719922,25   | 77,63   | 31424,16   |
| 31    | BASB033 | 6830,90   | 11,50  | 46661194,81   | 132,16  | 78529,85   |
| 32    | BASB034 | 6830,90   | 11,14  | 46661194,81   | 124,11  | 76098,62   |
| 33    | BASB035 | 6830,90   | 11,28  | 46661194,81   | 127,28  | 77064,26   |
| 34    | BASC029 | 6547,70   | 11,21  | 42872375,29   | 125,63  | 73388,47   |
| 35    | BASC032 | 6599,90   | 10,72  | 43558680,01   | 114,99  | 70773,70   |
| 36    | BASF002 | 6475,70   | 10,44  | 41934690,49   | 109,01  | 67610,70   |
| 37    | BASF005 | 6536,10   | 10,58  | 42720603,21   | 111,95  | 69156,47   |
| 38    | BASF017 | 6460,50   | 10,50  | 41738060,25   | 110,27  | 67842,82   |
| 39    | BASF020 | 6457,50   | 10,34  | 41699306,25   | 106,94  | 66778,65   |
| 40    | BASF021 | 6460,50   | 10,50  | 41738060,25   | 110,26  | 67837,81   |
| 41    | BASG023 | 6686,50   | 10,45  | 44709282,25   | 109,28  | 69897,26   |
| 42    | BASH006 | 6869,60   | 9,90   | 47191404,16   | 97,93   | 67980,11   |
| 43    | BASH017 | 6259,36   | 10,44  | 39179587,61   | 109,01  | 65351,93   |
| 44    | BASH046 | 6811,20   | 10,02  | 46392445,44   | 100,42  | 68254,78   |
| 45    | BASI020 | 6545,96   | 10,42  | 42849592,32   | 108,62  | 68222,59   |
| 46    | BASI022 | 6259,36   | 9,92   | 39179587,61   | 98,47   | 62111,43   |
| 47    | BASI059 | 6330,80   | 10,64  | 40079028,64   | 113,28  | 67379,39   |
| 48    | BASI060 | 6819,20   | 10,82  | 46501488,64   | 117,08  | 73787,02   |
| 49    | BASI116 | 6545,96   | 9,65   | 42849592,32   | 93,15   | 63177,53   |
| 50    | BASJ021 | 6647,30   | 10,09  | 44186597,29   | 101,77  | 67057,34   |
| 51    | BASJ025 | 6647,30   | 10,54  | 44186597,29   | 111,16  | 70084,23   |
| 52    | BASJ077 | 6204,50   | 11,23  | 38495820,25   | 126,07  | 69664,14   |
| 53    | BASQ003 | 6441,90   | 10,63  | 41498075,61   | 112,95  | 68463,48   |
| 54    | BASQ007 | 6484,10   | 10,73  | 42043552,81   | 115,10  | 69564,18   |
| 55    | BASS008 | 6505,70   | 10,30  | 42324132,49   | 106,19  | 67039,02   |
| 56    | BASS014 | 6471,10   | 10,48  | 41875135,21   | 109,92  | 67846,22   |
| 57    | BASS017 | 6533,10   | 11,18  | 42681395,61   | 124,98  | 73037,30   |
| 58    | BASS019 | 6686,50   | 10,41  | 44709282,25   | 108,37  | 69607,01   |
| 59    | BASS022 | 6548,30   | 10,68  | 42880232,89   | 114,12  | 69953,29   |
| 60    | BASS056 | 6383,10   | 10,84  | 40743965,61   | 117,51  | 69194,32   |
| TOTAL |         | 313744,28 | 569,81 | 1748709802,16 | 5495,91 | 3065852,26 |

Persamaannya adalah sebagai berikut:

$$y = a + bx$$

$$y = 5,32 + 0,00x$$

lampiran 4. Hasil regresi curah hujan terhadap volume.

| NO | CID     | X       | Y      | X2          | Y2       | XY         |
|----|---------|---------|--------|-------------|----------|------------|
| 1  | BASB033 | 3761,70 | 44,98  | 14150386,89 | 2023,11  | 169197,53  |
| 2  | BASB034 | 3757,70 | 41,99  | 14120309,29 | 1763,17  | 157786,44  |
| 3  | BASB035 | 3757,70 | 40,04  | 14120309,29 | 1603,38  | 150466,81  |
| 4  | BASC029 | 3868,90 | 45,46  | 14968387,21 | 2066,74  | 175885,71  |
| 5  | BASC032 | 3846,90 | 38,12  | 14798639,61 | 1452,83  | 146628,42  |
| 6  | BASF002 | 3921,70 | 31,92  | 15379730,89 | 1018,62  | 125164,29  |
| 7  | BASF005 | 4103,70 | 47,22  | 16840353,69 | 2229,27  | 193756,84  |
| 8  | BASF017 | 3675,50 | 39,60  | 13509300,25 | 1568,37  | 145559,77  |
| 9  | BASF020 | 3675,50 | 40,34  | 13509300,25 | 1627,29  | 148268,35  |
| 10 | BASF021 | 3664,10 | 38,95  | 13425628,81 | 1517,01  | 142712,41  |
| 11 | BASG023 | 3816,10 | 31,33  | 14562619,21 | 981,76   | 119570,27  |
| 12 | BASH006 | 4181,70 | 35,78  | 17486614,89 | 1279,93  | 149604,83  |
| 13 | BASH017 | 3962,66 | 34,87  | 15702674,28 | 1215,85  | 138174,25  |
| 14 | BASH046 | 4313,30 | 39,63  | 18604556,89 | 1570,65  | 170942,48  |
| 15 | BASI020 | 4111,46 | 30,81  | 16904103,33 | 949,26   | 126674,63  |
| 16 | BASI022 | 3962,06 | 22,62  | 15697919,44 | 511,57   | 89613,24   |
| 17 | BASI059 | 4245,70 | 34,19  | 18025968,49 | 1169,19  | 145174,78  |
| 18 | BASI060 | 4227,90 | 38,71  | 17875138,41 | 1498,19  | 163646,81  |
| 19 | BASI116 | 4111,46 | 22,04  | 16904103,33 | 485,80   | 90620,60   |
| 20 | BASJ021 | 3963,20 | 32,98  | 15706954,24 | 1087,85  | 130716,68  |
| 21 | BASJ025 | 3963,20 | 31,25  | 15706954,24 | 976,68   | 123857,68  |
| 22 | BASJ077 | 3466,00 | 42,10  | 12013156,00 | 1772,72  | 145931,48  |
| 23 | BASQ003 | 3566,50 | 38,83  | 12719922,25 | 1508,03  | 138499,22  |
| 24 | BASQ007 | 3868,90 | 40,07  | 14968387,21 | 1605,55  | 155024,39  |
| 25 | BASS008 | 3779,40 | 29,44  | 14283864,36 | 866,99   | 111283,56  |
| 26 | BASS014 | 4140,30 | 39,43  | 17142084,09 | 1554,55  | 163243,03  |
| 27 | BASS017 | 3962,70 | 46,96  | 15702991,29 | 2205,47  | 186098,22  |
| 28 | BASS019 | 3817,10 | 33,04  | 14570252,41 | 1091,34  | 126099,48  |
| 29 | BASS022 | 3973,30 | 45,77  | 15787112,89 | 2095,07  | 181865,84  |
| 30 | BASS056 | 3566,50 | 38,82  | 12719922,25 | 1506,61  | 138433,80  |
| 31 | BASB033 | 6830,90 | 117,78 | 46661194,81 | 13872,90 | 804565,91  |
| 32 | BASB034 | 6830,90 | 105,82 | 46661194,81 | 11198,72 | 722873,17  |
| 33 | BASB035 | 6830,90 | 106,13 | 46661194,81 | 11263,85 | 724972,23  |
| 34 | BASC029 | 6547,70 | 104,15 | 42872375,29 | 10847,13 | 681939,95  |
| 35 | BASC032 | 6599,90 | 96,25  | 43558680,01 | 9264,51  | 635255,76  |
| 36 | BASF002 | 6475,70 | 88,61  | 41934690,49 | 7851,91  | 573818,34  |
| 37 | BASF005 | 6536,10 | 161,20 | 42720603,21 | 25984,42 | 1053598,69 |
| 38 | BASF017 | 6460,50 | 90,83  | 41738060,25 | 8250,20  | 586811,10  |
| 39 | BASF020 | 6457,50 | 94,09  | 41699306,25 | 8852,09  | 607557,36  |
| 40 | BASF021 | 6460,50 | 88,59  | 41738060,25 | 7848,32  | 572340,65  |

Tabel lanjutan hasil regresi curah hujan terhadap volume.

|       |         |           |         |               |           |             |
|-------|---------|-----------|---------|---------------|-----------|-------------|
| 41    | BASG023 | 6686,50   | 82,40   | 44709282,25   | 6789,25   | 550946,93   |
| 42    | BASH006 | 6869,60   | 71,64   | 47191404,16   | 5132,63   | 492154,24   |
| 43    | BASH017 | 6259,36   | 91,16   | 39179587,61   | 8309,96   | 570596,92   |
| 44    | BASH046 | 6811,20   | 81,23   | 46392445,44   | 6597,55   | 553241,59   |
| 45    | BASI020 | 6545,96   | 84,14   | 42849592,32   | 7079,70   | 550783,50   |
| 46    | BASI022 | 6259,36   | 74,77   | 39179587,61   | 5589,90   | 467985,18   |
| 47    | BASI059 | 6330,80   | 86,65   | 40079028,64   | 7507,90   | 548551,95   |
| 48    | BASI060 | 6819,20   | 90,24   | 46501488,64   | 8142,43   | 615333,21   |
| 49    | BASI116 | 6545,96   | 65,68   | 42849592,32   | 4314,46   | 429968,41   |
| 50    | BASJ021 | 6647,30   | 80,47   | 44186597,29   | 6475,81   | 534924,36   |
| 51    | BASJ025 | 6647,30   | 79,75   | 44186597,29   | 6360,59   | 530144,06   |
| 52    | BASJ077 | 6204,50   | 96,80   | 38495820,25   | 9369,63   | 600576,07   |
| 53    | BASQ003 | 6441,90   | 96,44   | 41498075,61   | 9299,94   | 621232,26   |
| 54    | BASQ007 | 6484,10   | 91,96   | 42043552,81   | 8456,96   | 596288,89   |
| 55    | BASS008 | 6505,70   | 83,73   | 42324132,49   | 7010,57   | 544716,63   |
| 56    | BASS014 | 6471,10   | 92,90   | 41875135,21   | 8631,07   | 601188,25   |
| 57    | BASS017 | 6533,10   | 107,54  | 42681395,61   | 11565,57  | 702591,37   |
| 58    | BASS019 | 6686,50   | 88,72   | 44709282,25   | 7871,62   | 593240,73   |
| 59    | BASS022 | 6548,30   | 97,03   | 42880232,89   | 9414,23   | 635361,60   |
| 60    | BASS056 | 6383,10   | 82,88   | 40743965,61   | 6868,79   | 529019,52   |
| TOTAL |         | 313744,28 | 3896,87 | 1748709802,16 | 308825,50 | 22583080,69 |

Persamaannya adalah sebagai berikut:

$$y = a + bx$$

$$y = -41,75 + 0,02x$$