

DAFTAR PUSTAKA

- Aburamai15. 2017. Cara Menanam Kopi Bagi Pemula. Retrieved from ilmubudidaya.: <https://ilmubudidaya.com/cara-menanam-kopi> diakses 14 Februari 2022
- Aril. 2020. Tata Cara Pengolahan Kopi Robusta . Retrieved from <https://kopinganu.com/>. diakses 14 Februari 2022
- Dewa, R. 2018. Faktor yang Memengaruhi Pertumbuhan Tanaman Kopi. Retrieved from kopidewa.com. diakses 7 Juni 2022.
- Dimas. 2021. Cara Menanam Kopi. Retrieved from kutanam.com.
- Farid. 2016. Tips Sukses Budidaya Kopi. Retrieved from <https://www.yapensa.or.id/>. diakses 23 Mei 2022
- Ginting, M. 2017. <https://media.neliti.com/media/publications/95054-ID-strategi-peningkatan-produksi-kopi-arabi.pdf>. strategi peningkatan produksi, 2. diakses 14 Februari 2022
- Gumilar, P. 2019. Produktivitas Kopi Nasional Masih Bisa Ditingkatkan. Retrieved from [ekonomi.bisnis](http://ekonomi.bisnis.com): <https://ekonomi.bisnis.com/read/20190424/99/914997/produktivitas-kopi-nasional-masih-bisa-ditingkatkan> diakses 7 Juni 2022.
- Indonesia, C. 2019. Produktivitas Kopi Indonesia. Retrieved from [cips-indonesia](http://cips-indonesia.org).: <https://www.cips-indonesia.org/post/produktivitas-kopi-indonesia-dapat-terus-ditingkatkan-lewat-metode-budidaya-yang-efisien> diakses 20 Februari 2022
- Khairil. 2020. Tata Cara Pengolahan Kopi Robusta. Retrieved from <https://kopinganu.com/>. diakses 20 Februari 2022
- Kurniawan, A. 2021. Retrieved from <https://www.gurupendidikan.co.id/analisis/>
- Kurniawan, A. 2021. pengertian analisis. Retrieved from gurupendidikan: <https://www.gurupendidikan.co.id/analisis/> diakses 10 Maret 2022
- Latupeirissa, E. 2019. budidaya tanaman kopi. Retrieved 2021, from [pertanian](http://cybex.pertanian.go.id/mobile/artikel/89112/budidaya_tanaman_kopi/): [http://cybex.pertanian.go.id/mobile/artikel/89112/budidaya_tanaman kopi/](http://cybex.pertanian.go.id/mobile/artikel/89112/budidaya_tanaman_kopi/) diakses 10 Maret 2022

- Marbun, P. 2019. Evaluasi Produktivitas Lahan Kopi Arabika dan Robusta pada Daerah Sentra Produksi Kopi Sumatera Utara. Retrieved from *repositori.usu.ac.id*. diakses 5 April 2022
- Martini, R. H. (2019). tips menanam dan memupuk tanaman kopi yang efektif. Retrieved from *<https://pertanian.lumajangkab.go.id/>*. diakses 5 April 2022
- Risnandar, C. (2018). Tanaman Kopi. Retrieved from jurnalbumi: *<https://jurnalbumi.com/knol/tanaman-kopi/>* diakses 23 Mei 2022
- Searty Ningsih Mangoli, S. (2020). Produktifitas. Retrieved from pertanian: *<http://cybex.pertanian.go.id/artikel/92225/perbedaan-cara-menghitung-produksi-dan-produktifitas-dalam-pertanian/>* diakses 23 Mei 2022
- Thamrin1, S. (2014). faktor-faktor yang mempengaruhi produksi usaha tani kopi. *core.ac.uk*, 1. diakses 7 Juni 2022
- Wazri, H. (2019). Budidaya Kopi. Retrieved from *distan.lomboktimurkab* diakses 7 Juni 2022.
- Wazri, H. (2019). Pengertian kopi. Retrieved from lomboktimurkab: *<https://distan.lomboktimurkab.go.id/baca-berita-164-budidaya-kopi.html>* diakses 5 April 2022
- Yasmin, P. (2020). penjelasan tanaman kopi. Retrieved from food.detik: *<https://food.detik.com/info-kuliner/d-5207966/tanaman-kopi-jenis-ciri-ciri-dan-manfaatnya>* diakses 5 April 2022

LAMPIRAN

Lampiran 1. Foto Kegiatan



Pengambilan Data



Pengamatan



Pengambilan Data



Pengambilan Data



Pertanian
Berry Matang



Berry di Petik

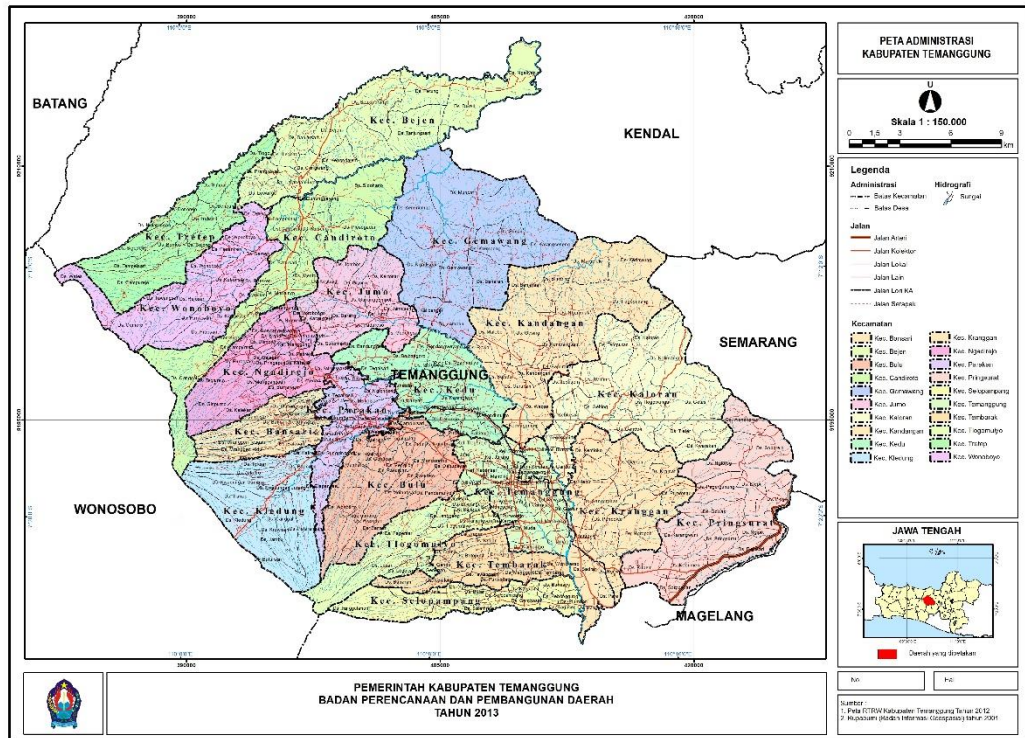


BPS Temanggung
Green Bean Kering



BPS Temanggung
Mata Yuyu (Bakar Buah)

Lampiran 2. Peta Wilayah Kabupaten Temanggung



Lampiran 3 : Pengolahan Data Kebun Kopi Ketinggian 550-650

DATA KEBUN KOPI KETINGGIAN 550-650 MDPL

Kebun Kopi 1

$$\frac{136.836}{25} = 5.473$$

$$1.100 \times 5.473 = 6.020.300$$

$$Kp2 = 96\% \times 6.020.300 = 5.779.488 \times 2 = 11.558.976$$

$$Kp1 = 4\% \times 6.020.300 = 240.812 \\ = 11.799.788 \text{ keping}$$

$$1 \text{ kg keping basah} = 3000 \text{ keping}$$

$$\frac{11.799.788}{3000} = 3.933 \text{ kg}$$

$$GBK = 20\% \times 3.933 \text{ kg} = 786 \text{ kg GBK}$$

Kebun Kopi 2

$$\frac{116.174}{25} = 4.646$$

$$1.100 \times 4.646 = 5.110.600$$

$$Kp2 = 96\% \times 5.110.600 = 4.906.176 \times 2 = 9.812.352$$

$$Kp1 = 4\% \times 5.110.600 = 204.424 \\ = 10.016.776$$

$$1 \text{ kg keping basah} = 3000 \text{ keping}$$

$$\frac{10.016.776}{3000} = 3.338 \text{ kg}$$

$$GBK = 20\% \times 3.338 \text{ kg} = 667 \text{ kg}$$

Kebun Kopi 3

$$\frac{142.812}{25} = 5.712$$

$$1.100 \times 5.712 = 6.283.200$$

$$Kp2 = 96\% \times 6.283.200 = 6.031.872 \times 2 = 12.063.744$$

$$Kp1 = 4\% \times 6.283.200 = 251.328 \\ = 12.315.072$$

1 kg keping basah = 3000 keping

$$\frac{12.315.072}{3.000} = 4.105 \text{ kg}$$

$$GBK = 20\% \times 4.105 \text{ kg} = 821 \text{ kg}$$

Kebun Kopi 4

$$\frac{128.461}{25} = 5.138$$

$$1.100 \times 5.138 = 5.651.800$$

$$Kp2 = 96\% \times 5.651.800 = 5.425.728 \times 2 = 10.851.456$$

$$Kp1 = 4\% \times 5.651.800 = 226.072 \\ = 11.077.528$$

1 kg keping basah = 3000 keping

$$\frac{11.077.528}{3.000} = 3.692 \text{ kg}$$

$$GBK = 20\% \times 3.692 \text{ kg} = 738 \text{ kg GBK}$$

Kebun Kopi 5

$$\frac{151.385}{25} = 6.054$$

$$1.100 \times 6.054 = 6.659.400$$

$$Kp2 = 96\% \times 6.659.400 = 6.393.024 \times 2 = 12.786.048$$

$$Kp1 = 4\% \times 6.659.400 = 266.376 \\ = 13.052.424$$

1 kg keping basah = 3000 keping

$$\frac{13.052.424}{3.000} = 4.350$$

$$GBK = 20\% \times 4.350 \text{ kg} = 870 \text{ kg GBK}$$

Kebun Kopi 6

$$\frac{119.218}{25} = 4.768$$

$$1.100 \times 4.768 = 5.244.800$$

$$Kp2 = 96\% \times 5.244.800 = 5.035.008 \times 2 = 10.070.016$$

$$Kp1 = 4\% \times 5.244.800 = 209.792 \\ = 10.279.808$$

1 kg keping basah = 3000 keping

$$\frac{10.279.808}{3.000} = 3.426$$

$$GBK = 20\% \times 3.426 \text{ kg} = 685 \text{ kg GBK}$$

Kebun Kopi 7

$$\frac{123.860}{25} = 4.954$$

$$1.100 \times 4.954 = 5.449.400$$

$$Kp2 = 96\% \times 5.449.400 = 5.231.424 \times 2 = 10.462.848$$

$$Kp1 = 4\% \times 5.449.400 = 217.976 \\ = 10.680.824$$

1 kg keping basah = 3000 keping

$$\frac{10.680.824}{3.000} = 3.560 \text{ kg}$$

$$GBK = 20\% \times 3.560 \text{ kg} = 712 \text{ kg GBK}$$

Kebun Kopi 8

$$\frac{104.268}{25} = 4.170$$

$$1.100 \times 4.170 = 4.587.000$$

$$Kp2 = 96\% \times 4.587.000 = 4.403.520 \times 2 = 8.807.040$$

$$Kp1 = 4\% \times 4.587.000 = 183.480 \\ = 8.990.520$$

1 kg keping basah = 3000 keping

$$\frac{8.990.520}{3.000} = 2.996 \text{ kg}$$

$$GBK = 20\% \times 2.996 \text{ kg} = 599 \text{ kg GBK}$$

Kebun Kopi 9

$$\frac{132.674}{25} = 5.306$$

$$1.100 \times 5.306 = 5.836.600$$

$$Kp2 = 96\% \times 5.836.600 = 5.603.136 \times 2 = 11.206.272$$

$$Kp1 = 4\% \times 5.836.600 = 233.464 \\ = 11.439.736$$

1 kg keping basah = 3000 keping

$$\frac{11.439.739}{3.000} = 3.813 \text{ kg}$$

$$GBK = 20\% \times 3.813 \text{ kg} = 762 \text{ kg GBK}$$

Kebun Kopi 10

$$\frac{118.290}{25} = 4.731$$

$$1.100 \times 4.731 = 5.204.100$$

$$Kp2 = 96\% \times 5.204.100 = 4.995.936 \times 2 = 9.991.872$$

$$Kp1 = 4\% \times 5.204.100 = 208.164 \\ = 10.200.036$$

1 kg keping basah = 3000 keping

$$\frac{10.200.036}{3.000} = 3.400 \text{ kg}$$

$$GBK = 20\% \times 3.400 \text{ kg} = 680 \text{ kg GBK}$$

Lampiran 4 : Pengolahan Data Kebun Kopi Ketinggian 650-750

DATA KEBUN KOPI KETINGGIAN 650-750 MDPL

Kebun Kopi 1

$$\frac{158.374}{25} = 6.334$$

$$1.100 \times 6.334 = 6.967.400$$

$$Kp2 = 96\% \times 6.967.400 = 6.688.704 \times 2 = 13.377.408$$

$$Kp1 = 4\% \times 6.967.400 = 278.696 \\ = 13.656.104$$

1 kg keping basah = 3000 keping

$$\frac{13.656.104}{3.000} = 4.552 \text{ kg}$$

$$GBK = 20\% \times 4.552 = 910 \text{ kg GBK}$$

Kebun Kopi 2

$$\frac{137.432}{25} = 5.497$$

$$1.100 \times 5.497 = 6.046.700$$

$$Kp2 = 96\% \times 6.046.700 = 5.804.832 \times 2 = 11.609.664$$

$$Kp1 = 4\% \times 6.046.700 = 241.868 \\ = 11.851.532$$

1 kg keping basah = 3000 keping

$$\frac{11.851.532}{3.000} = 3.950 \text{ kg}$$

$$GBK = 20\% \times 3.950 \text{ kg} = 790 \text{ kg GBK}$$

Kebun Kopi 3

$$\frac{162.321}{25} = 6.492$$

$$1.100 \times 6.492 = 7.141.200$$

$$Kp2 = 96\% \times 7.141.200 = 6.855.552 \times 2 = 13.711.140$$

$$Kp1 = 4\% \times 7.141.200 = 285.648 \\ = 13.996.788$$

1 kg keping basah = 3000 keping

$$\frac{13.996.788}{3.000} = 4.665$$

$$GBK = 20\% \times 4.665 \text{ kg} = 933 \text{ kg GBK}$$

Kebun Kopi 4

$$\frac{128.823}{25} = 5.152$$

$$1.100 \times 5.152 = 5.667.200$$

$$Kp2 = 96\% \times 5.667.200 = 5.440.512 \times 2 = 10.881.024$$

$$Kp1 = 4\% \times 5.667.200 = 226.688 \\ = 11.113.712$$

1 kg keping basah = 3000 keping

$$\frac{11.113.712}{3.000} = 3.704 \text{ kg}$$

$$GBK = 20\% \times 3.704 \text{ kg} = 740 \text{ kg GBK}$$

Kebun Kopi 5

$$\frac{108.969}{25} = 4.358$$

$$1.100 \times 4.358 = 4.793.800$$

$$Kp2 = 96\% \times 4.793.800 = 4.602.048$$

$$Kp1 = 4\% \times 4.793.800 = 191.752$$
$$= 9.395.848$$

1 kg keping basah = 3000 keping

$$\frac{9.395.848}{3.000} = 3.131 \text{ kg}$$

$$GBK = 20\% \times 3.131 \text{ kg} = 626 \text{ kg GBK}$$

Kebun Kopi 6

$$\frac{133.890}{25} = 5.355$$

$$1.100 \times 5.355 = 5.890.500$$

$$Kp2 = 96\% \times 5.890.500 = 5.654.880 \times 2 = 11.309.760$$

$$Kp1 = 4\% \times 5.890.500 = 235.620$$
$$= 11.545.380$$

1 kg keping basah = 3000 keping

$$\frac{11.545.380}{3.000} = 3.848 \text{ kg}$$

$$GBK = 20\% \times 3.848 = 769 \text{ kg GBK}$$

Kebun Kopi 7

$$\frac{129.392}{25} = 5.176$$

$$1.100 \times 5.176 = 5.693.600$$

$$Kp2 = 96\% \times 5.693.600 = 5.465.856 \times 2 = 10.931.712$$

$$Kp1 = 4\% \times 5.693.600 = 227.744 \\ = 11.159.456$$

1 kg keping basah = 3000 keping

$$\frac{11.159.456}{3.000} = 3.719 \text{ kg}$$

$$GBK = 20\% \times 3.719 \text{ kg} = 743 \text{ kg GBK}$$

Kebun Kopi 8

$$\frac{148.889}{25} = 5.955$$

$$1.100 \times 5.955 = 6.550.500$$

$$Kp2 = 96\% \times 6.550.500 = 6.288.480 \times 2 = 12.576.960$$

$$Kp1 = 4\% \times 6.550.500 = 262.020 \\ = 12.838.980$$

1 kg keping basah = 3000 keping

$$\frac{12.838.980}{3.000} = 4.279 \text{ kg}$$

$$GBK = 20\% \times 4.279 \text{ kg} = 855 \text{ kg GBK}$$

Kebun Kopi 9

$$\frac{152.390}{25} = 6.095$$

$$1.100 \times 6.095 = 6.704.500$$

$$Kp2 = 96\% \times 6.704.500 = 6.436.320 \times 2 = 12.872.640$$

$$Kp1 = 4\% \times 6.704.500 = 268.180 \\ = 13.140.820$$

1 kg keping basah = 3000 keping

$$\frac{13.140.820}{3.000} = 4.380 \text{ kg}$$

$$GBK = 20\% \times 4.380 \text{ kg} = 876 \text{ kg GBK}$$

Kebun Kopi 10

$$\frac{162.102}{25} = 6.484$$

$$1.100 \times 6.484 = 7.132.400$$

$$Kp2 = 96\% \times 7.132.400 = 6.847.104 \times 2 = 13.694.208$$

$$Kp1 = 4\% \times 7.132.400 = 285.296 \\ = 13.979.504$$

1 kg keping basah = 3000 keping

$$\frac{13.979.504}{3.000} = 4.659 \text{ kg}$$

$$GBK = 20\% \times 4.659 \text{ kg} = 931 \text{ kg GBK}$$

Lampiran 5 : Pengolahan Data Kebun Kopi Ketinggian 750-850

DATA KEBUN KOPI KETINGGIAN 750-850 MDPL

Kebun Kopi 1

$$\frac{143.241}{25} = 5.729$$

$$1.100 \times 5.729 = 6.301.900$$

$$Kp2 = 96\% \times 6.301.900 = 6.049.824 \times 2 = 12.099.648$$

$$Kp1 = 4\% \times 6.301.900 = 252.076 \\ = 12.351.724$$

1 kg keping basah = 3000 keping

$$\frac{12.351.742}{3.000} = 4.117 \text{ kg}$$

$$GBK = 20\% \times 4.117 \text{ kg} = 823 \text{ kg GBK}$$

Kebun Kopi 2

$$\frac{11.461.296}{3.000} = 3.820$$

$$1.100 \times 5.316 = 5.847.600$$

$$Kp2 = 96\% \times 5.847.600 = 5.613.696 \times 2 = 11.227.392$$

$$Kp1 = 4\% \times 5.847.600 = 233.904 \\ = 11.461.296$$

1 kg keping basah = 3000 keping

$$\frac{11.461.296}{3.000} = 3.820 \text{ kg}$$

$$GBK = 20\% \times 3.820 = 764 \text{ kg GBK}$$

Kebun Kopi 3

$$\frac{138.290}{25} = 5.531$$

$$1.100 \times 5.531 = 6.084.100$$

$$Kp2 = 96\% \times 6.084.100 = 5.840.736 \times 2 = 11.681.472$$

$$Kp1 = 4\% \times 6.084.100 = 243.364 \\ = 11.924.836$$

1 kg keping basah = 3000 keping

$$\frac{11.942.836}{3.000} = 3.974 \text{ kg}$$

$$GBK = 20\% \times 3.974 \text{ kg} = 794 \text{ kg GBK}$$

Kebun Kopi 4

$$\frac{158.100}{25} = 6.324$$

$$1.100 \times 6.324 = 6.956.400$$

$$Kp2 = 96\% \times 6.956.400 = 6.678.144 \times 2 = 13.356.288$$

$$Kp1 = 4\% \times 6.956.400 = 278.256 \\ = 13.634.544$$

1 kg keping basah = 3000 keping

$$\frac{13.634.544}{3.000} = 4.544 \text{ kg}$$

$$GBK = 20\% \times 4.544 \text{ kg} = 908 \text{ kg GBK}$$

Kebun Kopi 5

$$\frac{142.366}{25} = 5.694$$

$$1.100 \times 5.694 = 6.263.400$$

$$Kp\ 2 = 96\% \times 6.263.400 = 6.012.864 \times 2 = 12.025.728$$

$$\begin{aligned} Kp1 &= 4\% \times 6.263.400 = 250.536 \\ &= 12.276.264 \end{aligned}$$

1 kg keping basah = 3000 keping

$$\frac{12.276.264}{3.000} = 4.092\ kg$$

$$GBK = 20\% \times 4.092\ kg = 818\ kg\ GBK$$

Kebun Kopi 6

$$\frac{160.280}{25} = 6.411$$

$$1.100 \times 6.411 = 7.052.100$$

$$Kp2 = 96\% \times 7.052.100 = 6.770.016 \times 2 = 13.540.032$$

$$\begin{aligned} Kp1 &= 4\% \times 7.052.100 = 282.084 \\ &= 13.822.116 \end{aligned}$$

1 kg keping basah = 3000 keping

$$\frac{13.822.116}{3.000} = 4.607$$

$$GBK = 20\% \times 4.607\ kg = 921\ kg\ GBK$$

Kebun Kopi 7

$$\frac{149.300}{25} = 5.972$$

$$1.100 \times 5.972 = 6.569.200$$

$$Kp2 = 96\% \times 6.569.200 = 6.306.432 \times 2 = 12.612.864$$

$$Kp1 = 4\% \times 6.569.200 = 262.768 \\ = 12.875.632$$

1 kg keping basah = 3000 keping

$$\frac{12.875.632}{3.000} = 4.291 \text{ kg}$$

$$GBK = 20\% \times 4.291 \text{ kg} = 858 \text{ kg GBK}$$

Kebun Kopi 8

$$\frac{163.350}{25} = 6.534$$

$$1.100 \times 6.534 = 7.187.400$$

$$Kp2 = 96\% \times 7.187.400 = 6.899.904 \times 2 = 13.799.808$$

$$Kp1 = 4\% \times 7.187.400 = 287.496 \\ = 14.087.304$$

1 kg keping basah = 3000 keping

$$\frac{14.087.304}{3.000} = 4.695$$

$$GBK = 20\% \times 4.695 \text{ kg} = 939 \text{ kg GBK}$$

Kebun Kopi 9

$$\frac{151.120}{25} = 6.044$$

$$1.100 \times 6.044 = 6.648.400$$

$$Kp2 = 96\% \times 6.648.400 = 6.382.464 \times 2 = 12.764.928$$

$$Kp1 = 4\% \times 6.648.400 = 265.936 \\ = 13.030.864$$

1 kg keping basah = 3000 keping

$$\frac{13.030.864}{3.000} = 4.343$$

$$GBK = 20\% \times 4.343 \text{ kg} = 868 \text{ kg GBK}$$

Kebun Kopi 10

$$\frac{137.900}{25} = 5.516$$

$$1.100 \times 5.516 = 6.067.600$$

$$Kp2 = 96\% \times 6.067.600 = 5.824.896 \times 2 = 11.649.792$$

$$Kp1 = 4\% \times 6.067.600 = 242.704 \\ = 11.892.496$$

1 kg keping basah = 3000 keping

$$\frac{11.892.496}{3.000} = 3.964 \text{ kg}$$

$$GBK = 20\% \times 3.964 \text{ kg} = 792 \text{ kg GBK}$$