



Helpful Resources for Hop Composting

- **Compost Calculator – Washington State University**
 - <https://puyallup.wsu.edu/soils/compost-mix-calculator/>
- **Certified Soil Testing Laboratories – Minnesota Department of Agriculture**
 - <https://www.mda.state.mn.us/pesticide-fertilizer/certified-testing-laboratories-manure-soil>
- **On-Farm Composting Handbook – Cornell University**
 - <https://hdl.handle.net/1813/67142>
- **Making and Using Composts – Sustainable Agriculture Research Education (SARE)**
 - <https://www.sare.org/publications/building-soils-for-better-crops/making-and-using-composts/>
- **Organic Composting Standards/Tips**
 - Organic Materials Review Institute (OMRI) — <https://www.omri.org/compost-standards>
 - USDA/AMS — https://www.ams.usda.gov/sites/default/files/media/Compost_FINAL.pdf
- **Hop Compost Research**
 - Afonso, S., Pereira, E. L., Arrobas, M., Rodrigues, M. Â., & Choupina, A. (2023). Composts Obtained by Mixing Hop Leaves with Wheat Straw or Farmyard Manure Improved Soil Properties and Increased Microbial Communities. *Horticulturae*, 9(12), 1304. <https://www.mdpi.com/2311-7524/9/12/1304>
 - Afonso, S., Arrobas, M., Pereira, E. L., & Rodrigues, M. Â. (2021). Recycling nutrient-rich hop leaves by composting with wheat straw and farmyard manure in suitable mixtures. *Journal of Environmental Management*, 284, 112105. <https://www.sciencedirect.com/science/article/abs/pii/S0301479721001675>
 - Čeh, B., Luskar, L., Hladnik, A., Trošt, Ž., Polanšek, J., & Naglič, B. (2022). The quantity and composition of leachate from hop plant biomass during composting process. *Applied Sciences*, 12(5), 2375. <https://www.mdpi.com/2076-3417/12/5/2375>
 - Luskar, L., Polanšek, J., Hladnik, A., & Čeh, B. (2022). On-farm composting of hop plant green waste—Chemical and biological value of compost. *Applied Sciences*, 12(9), 4190. <https://www.mdpi.com/2076-3417/12/9/4190>
 - Slovenian Hop Composting Video — <https://youtu.be/LvyuwnvcJQ0?si=rymwimSKg9pKECsc>