

LITERATURE CITED

Bach M, Wilske B, Breuer L. (2016). Current economic obstacles to biochar use in agriculture and climate change mitigation. *Carbon Management*, 7(3-4): 183-190. <https://doi.org/10.1080/17583004.2016.1213608>

California Dept. Food and Agric. (2021). California Grape Crush Final Report 2020. [2020_final_grape_crush.pdf \(usda.gov\)](https://www.usda.gov/2020-final-grape-crush-pdf)

Filiberto DM, Gaunt JL. (2013). Practicality of biochar additions to enhance soil and crop productivity. *Agriculture*. 3: 715-725. <https://doi.org/10.3390/agriculture3040715>

Fischer D, Glaser B. (2012). Synergisms between compost and biochar for sustainable soil amelioration. *Management of Organic Waste*, Dr. Sunil Kumar (ed.). ISBN: 979-953-307-925-7, Intech. <http://www.intechopen.com/books/management-of-organic-waste/>

Garcia-Jaramillo M, Meyer KM, Phillips CL, Acosta-Martinez V, Osborne J, Levin AD, Trippe KM. (2021). Biochar addition to vineyard soils: effects on soil functions, grape yield and wine quality. *Biochar* 3: 565-577. <https://doi.org/10.1007/s42773-021-00118-x>

Genesio L, Miglietta F, Baronti S, Vacarri F. (2015). Biochar increases vineyard productivity without affecting grape quality: Results from a four years field experiment in Tuscany. *Agric Ecosyst Environ* 201-20-25. <https://doi.org/10.1016/j.agee.2014.11.021>

Guo, M. (2020) The 3R principles for applying biochar to improve soil health. *Soil Syst*. 4, 9. <http://doi.10.3390/soilsystems4010009>

Haney RL, Haney EB, Smith DR, Daren Harmel R, White MJ. (2018). The Soil Health Tool-Theory and initial broad-scale application. *Applied Soil Ecol*. 125: 162-168. <https://doi.org/10.1016/j.apsoil.2017.07.035>

Jeffery S, Verheijen FGA, van der Velde M, Bastos AC. (2011). A quantitative review of the effects of biochar application to soils on crop productivity using meta-analysis. *Agric Ecosyst Environ* 144: 175-187. <https://doi.org/10.1016/j.agee.2011.08.015>

Kurtural SK, Stewart D, Sumner DA. (2020). 2020 Sample costs to establish a vineyard and produce grapes – Cabernet sauvignon North Coast Napa Valley. University of California,

Cooperative Extension. Agricultural Issues Center. Department of Agricultural and Resource Economics. Davis, CA. <https://coststudies.ucdavis.edu/en/current/commodity/grapeswine/>

Moebius-Clune BN, Moebius-Clune DJ, Gugino BK, Idowu OJ, Schindelbeck RR, Ristow AJ, van Es HM, Thies JE, Shayler HA, McBride, Kurtz KSM, Wolfe DW, Abawi GS. (2016). Comprehensive Assessment of Soil Health – The Cornell Framework, Cornell University, Geneva, NY. <http://soilhealth.cals.cornell.edu>

Napa County Department of Agriculture and Weights and Measures (2020). Napa County Crop Report - 2020. [2020-Agricultural-Crop-Report-English \(countyofnapa.org\)](https://www.countyofnapa.org/2020-Agricultural-Crop-Report-English)

Napa County Department of Agriculture and Weights and Measures (2019). Napa County Crop Report – 2019. [708 \(countyofnapa.org\)](https://www.countyofnapa.org/708)

Napa County Department of Agriculture and Weights and Measures (2018). Napa County Crop Report -2018. [706 \(countyofnapa.org\)](https://www.countyofnapa.org/706)

Schulz H, Glaser B. (2012). Effects of biochar compared to organic and inorganic fertilizers on soil quality and plant growth in a greenhouse experiment. J Plant Nutr. Soil. Sci. 175: 410-422. <http://doi.org/10.1002/jpln.201100143>

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online. Accessed [0125/2022]. [Web Soil Survey \(usda.gov\)](https://websoilsurvey.sc.egov.usda.gov/)

Sonoma Ecology Center (2020). Oasis Vineyard Quarterly Report. Pilot Project for Using Biochar to Save Water in California Agriculture. DWR Grant Agreement 4600013458. [Microsoft Word - Oasis Vineyard Quarterly Report 10 15 20 Final.docx \(napagreen.org\)](https://www.napagreen.org/Microsoft%20Word%20-%20Oasis%20Vineyard%20Quarterly%20Report%2010%2015%2020%20Final.docx)

Wilson SG, Lambert JJ, Dahlgren R. (2021). Compost application to degraded vineyard soils: impact on soil chemistry, fertility, and vine performance. Am J Enol Vitic 72(1): 85-93. <http://doi.org/10.5344/ajev.2020.20012>

