

# Influence of rice husk biochar and inorganic fertilizer on rain-fed rice yield in two contrasting soils

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of biochar amendment and nitrogen fertilization on soil microbial biomass pools in an Alfisol under rain-fed rice cultivation. <i>Biochar</i> , 2019, 1, 163-176.	6.2	30
2	Effect of biochar amendment on soil enzymatic activities, carboxylate secretions and upland rice performance in a sandy clay loam Alfisol of Southwest Nigeria. <i>Scientific African</i> , 2019, 4, e00107.	0.7	32
3	Changes in physicochemical properties and quality index of an Alfisol after three years of rice husk biochar amendment in rainfed rice – Maize cropping sequence. <i>Geoderma</i> , 2019, 353, 359-371.	2.3	51
4	The agricultural use potential of the detoxified textile dyeing sludge by integrated Ultrasound/Fenton-like process: A comparative study. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 26-32.	2.9	30
5	Role of Nutrient-Enriched Biochar as a Soil Amendment during Maize Growth: Exploring Practical Alternatives to Recycle Agricultural Residuals and to Reduce Chemical Fertilizer Demand. <i>Sustainability</i> , 2019, 11, 3211.	1.6	155
6	Effects of Different Biochars on Wheat Growth Parameters, Yield and Soil Fertility Status in a Silty Clay Loam Soil. <i>Molecules</i> , 2019, 24, 1798.	1.7	18
7	Conversion of Secondary Forests into Chestnut Forests Affects Soil Nutrients in Anji County, China. <i>Sustainability</i> , 2019, 11, 3273.	1.6	4
8	Soil Microbial Community Structure Shifts Induced by Biochar and Biochar-Based Fertilizer Amendment to Karst Calcareous Soil. <i>Soil Science Society of America Journal</i> , 2019, 83, 398-408.	1.2	36
9	Long-Term Green Manure Rotations Improve Soil Biochemical Properties, Yield Sustainability and Nutrient Balances in Acidic Paddy Soil under a Rice-Based Cropping System. <i>Agronomy</i> , 2019, 9, 780.	1.3	17
10	Biochar-assisted transformation of engineered-cerium oxide nanoparticles: Effect on wheat growth, photosynthetic traits and cerium accumulation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109845.	2.9	35
11	Biochar reduced Chinese chive ( <i>Allium tuberosum</i> ) uptake and dissipation of thiamethoxam in an agricultural soil. <i>Journal of Hazardous Materials</i> , 2020, 390, 121749.	6.5	41
12	Application of co-composted farm manure and biochar increased the wheat growth and decreased cadmium accumulation in plants under different water regimes. <i>Chemosphere</i> , 2020, 246, 125809.	4.2	65
13	Win-win: Application of sawdust-derived hydrochar in low fertility soil improves rice yield and reduces greenhouse gas emissions from agricultural ecosystems. <i>Science of the Total Environment</i> , 2020, 748, 142457.	3.9	35
14	Effects of Biochar and Ground Magnesium Limestone Application, with or without Bio-Fertilizer Addition, on Biochemical Properties of an Acid Sulfate Soil and Rice Yield. <i>Agronomy</i> , 2020, 10, 1100.	1.3	19
15	Maize Growth and Yield Modelling Using AquaCrop Under Deficit Irrigation with Sole and Combined Application of Biochar and Inorganic Fertiliser. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2440-2453.	1.7	9
16	Influence of the application of Fe-Mn-La ternary oxide-biochar composites on the properties of arsenic-polluted paddy soil. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1045-1056.	1.7	3
17	Influence of nitrogen on the growth and use efficiency of rainfed lowland rice in northwest Ethiopia. <i>Journal of Plant Nutrition</i> , 2020, 43, 2243-2258.	0.9	4
18	Biochar-fertilizer interaction modifies N-sorption, enzyme activities and microbial functional abundance regulating nitrogen retention in rhizosphere soil. <i>Science of the Total Environment</i> , 2020, 739, 140065.	3.9	98

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19	Effects of Mixed Controlled Release Nitrogen Fertilizer with Rice Straw Biochar on Rice Yield and Nitrogen Balance in Northeast China. <i>Scientific Reports</i> , 2020, 10, 9452.	1.6	23
20	Wheat straw and its biochar differently affect soil properties and field-based greenhouse gas emission in a Chernozemic soil. <i>Biology and Fertility of Soils</i> , 2020, 56, 1023-1036.	2.3	30
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24	Mechanisms of Pb and/or Zn adsorption by different biochars: Biochar characteristics, stability, and binding energies. <i>Science of the Total Environment</i> , 2020, 717, 136894.	3.9	121
25	Biochar counteracts nitrification inhibitor DMPP-mediated negative effect on spinach ( <i>Spinacia</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.9	12
26	Evolution of mineral phases and microstructure of high efficiency Si-Ca-Mg fertilizer prepared by water-insoluble K-feldspar. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 3-10.	1.1	14
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31	Nutrient Availability to Maize Crop ( <i>Zea mays</i> L.) in Biochar Amended Alkaline Subtropical Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1293-1306.	1.7	20
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33	Effects of biochar on methane emission, grain yield, and soil in rice cultivation in Thailand. <i>Carbon Management</i> , 2021, 12, 109-121.	1.2	14
34	A novel maize biochar-based compound fertilizer for immobilizing cadmium and improving soil quality and maize growth. <i>Environmental Pollution</i> , 2021, 277, 116455.	3.7	35
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37	Participation of urea-N absorbed on biochar granules among soil and tobacco plant ( <i>Nicotiana glauca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74 107371.	2.5	8
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42	The Response of Nutrient Uptake, Photosynthesis and Yield of Tomato to Biochar Addition under Reduced Nitrogen Application. <i>Agronomy, 2021, 11, 1598.</i>	1.3	12
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92	Study on city tail water treatment in constructed wetland with straw biochar substrate modified by freeze-thaw cycles. <i>Environmental Technology and Innovation</i> , 2022, 28, 102831.	3.0	3
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