



Advances in Organic Matter Residue Application for Sustainable Agriculture

Guest Editor:

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closed (15 October 2020)

Message from the Guest Editor

At the same time as energy and non-renewable mineral resources are consumed to produce mineral fertilisers, nutrients in organic residues are problem substances if released into the environment. In future nutrients in organic residues should be treated as resources to be brought back into agricultural production. Not all nutrients in organic residues are immediately available to plants. There is still work to be done to give farmers accurate advice regarding the dosage of each individual product. More work can be done to tailor treatment options to achieve an optimal product in each case. The purpose of the treatment is to obtain a stable product and recover energy and obtain the nutrients in a better form. More research could focus on how it affects greenhouse gas emissions from soil as well as nutrient leaching after application of products based on organic residues. Full estimations on how the use of organic fertilisers compare to mineral fertilisers in terms of global warming potential is mostly lacking. We invite papers dealing with all aspects of both treatment options and application and use of organic residues as fertilisers and soil amenders/growth substrates.





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Message from the Editor-in-Chief

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