

Research Article

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Effect of biozyme^(R) on soil and crop biometrics in rice-wheat system

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Summary

A registered product biozyme is extracted from a Norwegian Sea weed known as *Ascophyllum nodosum*. It is biodegradable and non-toxic for the plant and soil health as claimed by Biostadt company. Beside biozyme, several other zymes are also available in the market with some prefixes in the name. They claim, the zyme is toxin free, eco-friendly, bio degradable product containing growth hormones, elements, minerals and vitamins. Highly compatible with fertilizers and pesticides, it also increases the resistance of plants against various pests, diseases and climatic stress. These zymes are available in solid and liquid form and are being used as either top dressing or spraying on the crop canopy at important crop growth stages. As per some earlier studies, biozyme have claimed to have beneficial in crop growth both in vegetative part as well as in grain production. Keeping in view of its importance a field trial was formulated and being conducted in research farm of Bihar Agricultural University Bhagalpur (Bihar) to see the impact of Biozyme on the yield and soil microbes.

Key words : Biozyme, Soil, Crop biometrics, Yield, Economics

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