

DBT invites inputs for evaluating nano-agri products

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Designing of Nano-Agri Input and Nano-Agri Products have emerged as the new concept



Department of Biotechnology has given special emphasis to promote Nanobiotechnology having applications in various sectors of life sciences. Thus the department has initiated funding R&D in this area since 2007.

Various scientists/ stakeholders have felt the need to have specific guidelines for evaluation of products in various sectors of biological sciences developed through interventions of Nanotechnology. DBT is mandated to bring out manuals/ guidelines specifying procedures that will help in regulatory process pertaining to development / commercialization of Nano products in India. Recently DBT has finalized the Guidelines for evaluation of Nanopharmaceuticals.

Designing of Nano-Agri Input and Nano-Agri Products have emerged as the new concept under the domain of 'minimal usage with maximum effect' for agricultural and food applications.

New considerations of application of nanotechnology in agriculture thus necessitates the initiation of a scientific decision-making and informing platform for cooperative national module that dedicatedly work on the policy aspects of these products before commercialization. Thus, DBT has formulated draft "[Guidelines for Evaluation of Nano-Agri Input and Nano-Agri Products in India](#)" after series of consultations with the stakeholders. These guidelines are aimed to ensure the quality, safety and efficacy as well as encourage the commercialization of nanotechnology based innovations in agriculture and food/feed with high benefit and low risk ratio when compared with their bulk counterparts.

The Department of Biotechnology invites comments on 'Guidelines for Evaluation of Nano-Agri Input and Nano-Agri Products in India' from all the stakeholders- government agencies, institutions, industry/researchers engaged in research & development in Nanobiotechnology.