



SOIL SCIENCE SOCIETY OF PAKISTAN

Invention Disclosure Document

This IDD provides submission guidelines for original and undisclosed ideas / concepts to be considered by the Soil Science Society of Pakistan. Only entirely new and confidential proposals are eligible. Previously disclosed concepts or those developed under funded projects will not be considered. Shortlisted applicants will be invited for confidential follow-up discussions.

- Sponsor Microbial Biotechnologies Private Limited
- Awards
 - Dr Muhamad Arshad (T.I) award on *Developing high efficiency fertilizer*.
 - Dr Fauzia Yousaf Award on *Enhancing nutrient use efficiency through microbial intervention*.

Guidelines

1. Title : Provide a concise, generic title reflecting the core technology. *Avoid long titles, specific locations, or proprietary names.*
2. Core idea, purpose and novel aspect
Describe core idea, its primary objective and what makes it novel within the application area. Emphasize inventive step and its potential impact on target fertilizer efficiency.
3. Problem statement and solution
Explain key challenges related to nutrient use efficiency in Pakistan's soil and climatic conditions. Describe how your concept addresses these issues in a practical and scalable manner.
4. Detailed description
This section should not be submitted with the initial proposal.
5. Disclosure and origin
 - a. Public disclosure : Any part of the idea has been publicly disclosed (e.g., in journals, conferences, reports, awards or media). **Please do not submit proposal.**
 - b. Confidential disclosure : The idea has been discussed in confidence with any individual or entity (client, partner, sponsor, etc.). **Please do not submit proposal.**
 - c. Origin of idea / concept : The concept is derived from a government funded research project or private-sector initiative. **Please do not submit proposal.**
6. Relation with research and commercialization
 - a. Describe how your concept aligns with national efforts to improve soil health, increase crop productivity and reduce dependence on food imports.
 - b. Explain how your proposed product could replace existing fertilizer(s) in the market and reduce reliance on imported fertilizers.
7. Previous Known Technologies in the Same Subject
 - a. List any prior art, patents or publications that informed your concept (if applicable).
 - b. Identify any similar products or technologies currently available. Highlight how your concept offers superior performance, efficiency or practicality.
 - c. Summarize common reasons for low efficiency or failure of existing products in this domain.

Inventor

Sginature : _____
Name : _____
Designation : _____
Organization : _____

Approving Authority

Signature & Stamp : _____
Name : _____
Designation : _____