

Bacillus ayatagriensis

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Bacillus ayatagriensis Latest News

Researchers at Bengal's Raiganj University recently discovered a new species of soil bacteria named *Bacillus ayatagriensis*.

About *Bacillus ayatagriensis*

- It is a **new species of soil bacteria**.
- It was **isolated from the rhizosphere** (the **region surrounding plant roots, populated with microorganisms**) of **mulberry plants**, a key component of the region's sericulture and farming systems.
- It exhibits **strong antimicrobial properties** and significantly **enhances seed germination**, indicating its immense potential in promoting plant health and productivity.
- Early tests suggest it **can serve as a powerful agent in organic farming systems**, reducing the need for chemical inputs.
- The bacterium's ability to **promote seed germination and bolster plant health comes** as a boost for local farming communities struggling with soil degradation and crop vulnerability.

- The name of the bacteria has been drawn from Sanskrit, with 'ayata' linked to growth and 'agriensis' symbolising its agricultural relevance.

Source: TOI

Source: <https://vajiramandravi.com/current-affairs/bacillus-ayatagriensis/>

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