

Organic Fertilizers: A Pathway to Sustainable Agriculture

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The increasing concerns about soil health, environmental degradation, and food safety have accelerated the shift toward organic fertilizers. Unlike chemical fertilizers, organic options improve soil fertility, enhance microbial activity, and reduce harmful runoff into water bodies.

Organic fertilizers, including compost, vermicompost, biofertilizers, and manure, offer sustainable solutions for nutrient management. They release nutrients gradually, ensuring long-term soil health while improving crop yield and quality. Successful adoption of organic farming methods in states like Sikkim, which declared itself fully organic, highlights the potential for nationwide transformation.

Government initiatives such as Paramparagat Krishi Vikas Yojana (PKVY) and the National Project on Organic Farming are supporting farmers through training and financial assistance. As consumer demand for organic produce rises, the market for organic fertilizers is set to expand, benefiting both farmers and the environment.