

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

RAJYA SABHA
UNSTARRED QUESTION NO. 2406
TO BE ANSWERED ON 21/03/2025

INTRODUCTION OF ALTERNATIVE SOIL ENHANCEMENT SOLUTIONS

2406. SHRI SATNAM SINGH SANDHU:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to State?

(a) whether the Ministry plans to introduce alternative soil enhancement solutions, such as humic acid, to address challenges of soil degradation and reduce dependency on traditional compost manure, if so, the details thereof;

(b) the details of strategy to support farmers, particularly in the regions facing declining soil health and productivity, for adopting advanced agricultural technologies like humic acid or other soil health solutions; and

(c) whether the Ministry plans to conduct pilot projects or awareness campaigns in Punjab to demonstrate the benefits of humic acid, if so, the details thereof?

ANSWER

THE MINISTER OF STATE AGRICULTURE AND FARMERS WELFARE
(SHRI RAM NATH THAKUR)

(a) & (b): The Government of India has notified biostimulants such as humic acid under Clause 20C of the Fertilizer (Control) Order, 1985. Biostimulants improve the soil physical property and enhances the nutrient uptake. Government of India has also undertaken steps to improve declining soil health and productivity through its various schemes namely Paramparagat Krishi Vikas Yojana (PKVY) for all the States/UTs (except North Eastern States) and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) scheme.

Under PKVY, assistance of Rs. 31,500 per ha for a period of 3 years is provided for promotion of organic farming. Out of this, assistance of Rs. 15,000 per ha for a period of 3 years is provided to farmers adopting organic farming through Direct Benefit Transfer for on- farm /off –farm organic inputs.

(c): Presently, there are no plans to conduct pilot projects or awareness campaigns in Punjab to demonstrate the benefits of humic acid.
