

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

LOK SABHA
UNSTARRED QUESTION NO. 2309
TO BE ANSWERED ON THE 10TH DECEMBER, 2024
ORGANIC FERTILIZER FROM HOUSEHOLD WASTAGE

2309. SHRI ARUN GOVIL:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether thousands of tonnes of organic fertilizer can be produced from the peels of fruits and vegetables getting wasted in the houses every day; and
- (b) whether the Government is formulating any scheme in this regard so as to provide employment avenues to the people and benefit the farmers by introducing start-up in agriculture sector?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAM NATH THAKUR)

(a): Yes. Indian Council of Agricultural Research (ICAR) has informed that organic fertilizer can be produced from household wastes and has developed technology to prepare various types of organic fertilizer/ manure such as phosphocompost, mastis vermicompost, bio-enriched compost, compost from these waste. Household waste can also be mixed with farm wastes, animal manures, agro-processing wastes to have more balanced nutrients. ICAR also imparts training, organizes front-line demonstrations, awareness programs etc. to educate farmers, youth urban stackholders on all these aspects.

Ministry of Housing and Urban Affairs (MoHUA) have informed that under Swachh Bharat Mission-Urban (SBM-U) assistance has been provided to States/UTs for scientific processing of all fractions of waste including the peels of fruits and vegetables generated in urban areas through waste processing facilities such as Materials Recovery Facility, Transfer stations, composting plants, Bio-methanations plants etc. Government of India supports the efforts of the States/UTs through the SBM-U by offering policy guidance, financial assistance, and technical support.

In urban areas of the country for scientific processing of Municipal Solid Waste (MSW) generated in the urban areas in the country through 100% segregation (dry & wet waste), door to door collection etc. the wet waste so collected from homes containing the

peels of fruits and vegetables is processed through composting plant and bio – methanation plant. However, organic fertilizer produced from compost plant has not been quantified.

(b): Yes. Start-ups are being supported under “Innovation and Agri-Entrepreneurship Development” programme under Rashtriya Krishi Vikas Yojana (RKVY) from 2018-19 onwards with an objective to promote innovation and agri-entrepreneurship by providing financial support and nurturing an incubation ecosystem in the country.

Start-ups are being under taken in various field of agriculture and allied sectors like Precision agriculture including applications of sensor, Artificial Intelligence (AI), drone, Farm Mechanization, Post-Harvest, Food Technology & Value addition, Supply Chain and Agriculture logistics & agriculture inputs, Waste to Wealth & Green Energy in Agriculture & Organic Farming, Allied Sector (Animal Husbandry, Dairy, Fisheries, etc.), Secondary agriculture, etc.

Five Knowledge Partners (KPs) and twenty-four RKVY Agribusiness Incubators (R-ABIs) have been appointed across the country for implementation, assistance and incubation of startups under the above said programme.

Under the programme, trainings, technical and financial assistance is provided to startups to launch their products, services, business platforms, etc into the market and facilitate them to scale up their products and operations to attain business viability. Financial support is provided to entrepreneurs of Rs. 5.00 lakh at the idea/pre seed stage and Rs. 25 lakh at the seed stage as grant-in-aid under the programme. Over 5000 Agri-Startups have been trained and out of which 1708 startup have been financed to the tune of Rs. 122.50 crore as grants-in-aid.
