

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

LOK SABHA
UNSTARRED QUESTION NO. 2157
TO BE ANSWERED ON THE 20TH DECEMBER, 2022

HYDROPONIC INNOVATIONS

2157. SHRI K. NAVASKANI:

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

(a) whether it has come to the notice of the Government that it is proven by the Hydroponic innovations that the sustenance of plants is better in these techniques and it is more effective than the traditional methods; and

(b) if so, the details of the initiatives that are proposed to be taken by the Government keeping in view the fact that Hydroponics use minimal water and space as compared to traditional agriculture techniques?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): Hydroponic technology is highly suited for urban and peri-urban vegetable cultivation for meeting nutritional security in cities. The sustenance of plants is better in hydroponics technique than that in conventional. Technology offers more quality produce per unit area and time due to better vertical space utilization.

ICAR-Indian Institute of Horticulture Research, Bengaluru has developed the production technology including substrates and nutrient formulations for the open and polyhouse soilless cultivation of most consumed vegetables.

ICAR-Central Institute for Subtropical Horticulture, Lucknow has designed indigenous hydroponic models & formulated crop specific hydroponic nutrients and standardized the package of practices for high value vegetable production.
