

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF CHEMICALS AND PETROCHEMICALS

LOK SABHA
UNSTARRED QUESTION NO. 2291
TO BE ANSWERED ON 15/12/23

INSTITUTE OF PESTICIDE FORMULATION TECHNOLOGY (IPFT)

2291. Shrimati Poonamben Maadam:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether the Government has taken/ proposes to take any steps for Research and Development in pesticide formulations in the country;
- (b) if so, the details thereof;
- (c) whether the Institute of Pesticide Formulation Technology (IPFT) has accreditation from international/ national bodies;
- (d) if so, the details thereof; and
- (e) the details of the role of IPFT in pesticide formulations in the country?

ANSWER

MINISTER OF STATE FOR CHEMICALS

(SHRI BHAGWANTH KHUBA)

(a) and (b): Yes, Sir. The Government has set up the Institute of Pesticide Formulation Technology (IPFT) as an autonomous institute under the administrative control of the Department of Chemicals & Petrochemicals, with the objective of developing new generation pesticide formulation technologies, promoting efficient application technologies, disseminating information regarding safe manufacturing practices, providing analytical and consultancy services, as well as imparting specialized training for pesticide personnel.

(c) and (d): Yes, Sir. The analytical facility at IPFT is accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL) as per ISO/ IEC 17025:2017 for pesticides analysis. The Institute is recognized by the Central Insecticides Board & Registration Committee (CIB&RC) for generating data on bio-efficacy, phyto-toxicity and residue studies for registration of pesticides. IPFT has also been certified by the National Good Laboratory Practice Compliance Monitoring Authority (NGCMA) for analysis of pesticides.

(e): IPFT is actively engaged in the development of user and environment-friendly pesticide formulations including Suspension Concentrate, Water Dispersible Granules, Micro-encapsulations, Emulsions, Bio-botanical formulations and Nanotechnology-based formulations. Technologies of more than eighty formulations have been successfully

developed and transferred to various agrochemical industries while twenty patents have been filed on different pesticide formulations. Research papers have been published in reputed national and international journals and several projects on pesticide residue data generation for registration of pesticides have been executed. IPFT also provides training to technical personnel from pesticide industries on pesticide formulations, analysis and application techniques, in addition to organizing workshops for farmers for promoting the use of environment-friendly formulations and practices for sustainable agriculture.
