

INSECTICIDE TESTIN LABORATORIES IN MAHARASHTRA STATE

The use of pesticides in agriculture has played an important role in the enhancement of agricultural Production and protection of the health of humans and animals.

Farmers may follow the application and safety instructions but this only holds true as long as the pesticides provide efficient control of pests and plant diseases. This can only be achieved with products of consistently high quality. Products of inferior quality may include imported and locally produced pesticides, but also degraded expired and other kinds of sub-standard products. Improper dosage and overuse are the consequences in the field. Regular quality control of pesticides marketed in the state is essential to facilitate their safe and efficient use and for increasing agricultural productivity while at the same time protecting the farmers, consumers and the environment. Therefore, safety of pesticide products remains an issue of great worldwide concern.

In India, There are 68 State Pesticide Testing Laboratories for the quality control of pesticides. Out of which there are four laboratories in Maharashtra located at Pune, Aurangabad, Amravati and Thane. Out of which Pune, Thane and Aurangabad laboratories are already got NABL Accreditation (**ISO/IEC 17025:2005**). Amravati laboratory, NABL accreditation is in process.

Jurisdiction of each laboratory is whole State however for the sake of convenience districts are allotted to each lab on routine basis. Any Insecticide Inspector can send sample to any laboratory. All laboratories are well equipped (ex. HPLC, GLC, FTIR, UV-Spectrophotometer, Flash Point Apparatus etc) and analyses the sample registered by CIB. All laboratories work as per the provisions of Insecticide Act 1968 and Insecticide Rules 1971. Quality control laboratories are equipped not only to analyse the active ingredients of pesticides but also to conduct the tests required to check compliance with all physical and chemical properties, including impurities as specified in the specifications

Sr No	Name and Address of Laboratory	Phone No	Annual Capacity	Districts allotted	Remark
1	Chemist, Insecticide Testing Laboratory, Krishi Bhavan, Shivajinagar, Pune-5	020-25510300 Itlpune5@gmail.com	2210	Sindhudurg, Pune, Ahmednagar, Solapur, Kolhapur, Satara, Sangli, Nanded, Parbhani, Jalgaon, Hingoli, Latur, Osmanabad District.	NABL Accredited
2	Chemist, Insecticide Testing Laboratory, Shahanoormiya, Dargah Road, Jyotinagar Aurangabad 431005.	0240-2334851 Deelip.jadhav@gmail.com	1130	Aurangabad, Jalna, Beed, Buldhana, Akola, Washim, and Yeotmal District.	NABL Accredited
3	Chemist, Insecticide Testing Laboratory, Agri. Engg. Workshop Campus, Tapovan Road, Camp, Amravati	0721-2662102 chemistitlamr@yahoo.co.uk	1130	Nagpur Division as well as Amravati District.	NABL Accreditation in process.
4	Chemist, Insecticide Testing Laboratory, Wagle Estate, Sector No.16, Thane	022-25821137 itlthane@gmail.com	1130	Nagpur, Wardha, Bhandara, Chandrapur, Gondia, Gadchiroli, and Amravati.	NABL Accredited
Total			5600		