

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:388
ANSWERED ON:26.02.2013
TECHNOLOGY FOR CONTROL OF INSECTS
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Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the University of Agriculture Sciences, Raichur has developed a new technique to control the harmful impact of insects on crops;
- (b) if so, the details thereof;
- (c) whether the Government proposes to test the utility of this technique for reducing the adverse impact of insects on plants/crops;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FOOD PROCESSING INDUSTRIES (SHRI TARIQ ANWAR)

(a) & (b): Yes, the University of Agricultural Sciences (UAS), Raichur has implemented a unique Information and communication system, Electronic Solution against Agricultural Pests (e-SAP) Â©, to tackle the menace of agricultural pests that cause serious crop losses.

The handheld field device contains (i) the application and content; has ability for multimedia data capture; can send and receive data in GPRS/3G/Wi-Fi modes; can be operated in the farms irrespective of the availability of network; (ii) web-based application: it would enable retrieval and presentation of data generated from field devices; provide GIS/other graphical reports from the data generated; enable device management; and (iii) cloud instance: it will enable data storage and retrieval; data analysis; be the single point of contact for the devices; facilitates data/content exchanges between the devices and web.

(c) & (d): Yes, the Department of Agriculture and Cooperation has received a proposal from the University of Agricultural Sciences, Raichur to tackle pest problems in selected crops on a pilot basis.

(e) Does not arise.