

**GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS**

**RAJYA SABHA
UNSTARRED QUESTION NO. 3116**

TO BE ANSWERED ON THE 20TH AUGUST, 2025/ SRAVANA 29, 1947 (SAKA)

**USE OF AI AND SATELLITE TECHNOLOGY FOR NARCOTICS & MARIJUANA
ERADICATION**

3116. SHRI MASTHAN RAO YADAV BEEDHA:

Will the Minister of Home Affairs be pleased to state:

(a) whether AI, drone technology and satellite imaging are being used to detect and eliminate poppy, marijuana and cannabis cultivation in the country;

(b) if so, the number of districts covered under such surveillance in the last three years and in Andhra Pradesh;

(c) whether enforcement data from such technologies has been integrated into the NIDAAN portal;

(d) if so, details thereof; and

(e) the extent of technical and financial support extended to Andhra Pradesh State police force for deploying this technology to control marijuana cultivation, transport and use?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS

(SHRI NITYANAND RAI)

(a) & (b): Narcotics Control Bureau (NCB) has been collaborating with agencies such as the Advanced Data Processing Research Institute (ADRIN), Bhaskaracharya National Institute for Space Applications and Geoinformatics (BISAG-N) and other research centres, which provide satellite

imageries for identification and detection of suspected illicit cultivation of Opium Poppy and Cannabis. These Research Organisations share satellite imageries with NCB which further disseminates geo-spatial data on illicit cultivation of Opium Poppy and Cannabis with the concerned States and stakeholders for undertaking destruction of such cultivation. The details of such satellite imaginaries shared by NCB with States (including Andhra Pradesh) is at Annexure-I. Central Bureau of Narcotics (CBN) is using drones to detect and eliminate poppy and cannabis cultivation in Arunachal Pradesh, Uttarakhand and Himachal Pradesh. In the last three years CBN has carried surveys to detect and eliminate poppy cultivation in Namsai, Lohit and Anjaw districts of Arunachal Pradesh, Uttarkashi and Tehri district of Uttarakhand and Cannabis cultivation in Kullu district of Himachal Pradesh. CBN has not undertaken any such operation in Andhra Pradesh.

(c) & (d): Data from such technologies has not been integrated into the NIDAAN portal.

(e): NCB only shares satellite imagery and geo-spatial data with the states including Andhra Pradesh.

Details of satellite imaginaries shared by NCB with States (including Andhra Pradesh)

Sl. No.	State	Districts
Opium Poppy		
1	Manipur	Kangpokpi, Senapati, Ukhrul, Churachandpur, Tengnoupal
2	Jharkhand	Chatra, Latehar, Palamu, Khunti, Ranchi
3	Bihar	Gaya
4	Arunachal Pradesh	Lohit, Namsai, Anjaw, Tirap, Longding, Upper Siang
5	Uttarakhand	Uttarkashi, Tehri Garhwal
6	Himachal Pradesh	Kullu, Mandi
7	Jammu & Kashmir	Anantnag, Badgam, Bandipore, Baramula, Kulgam, Pulwama and Shupiyan
8	West Bengal	Birbhum, Coochbehar, Malda, Murshidabad
Cannabis		
1	Andhra Pradesh	Visakhapatnam, Alluri Sitarama Raju
2	Odisha	Malkangiri, Rayagada, Kandhamal, Gajapati, Ganjam, Boudh
3	Tripura	West Tripura, Sipahijala, South Tripura, Gomati, Khowai
4	Himachal Pradesh	Kullu, Mandi, Chamba, Hamirpur, Kangra

Source: NCB
