

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 1430
TO BE ANSWERED ON 25/07/2017

NEW RESEARCH ON ORGANIC FARMING

1430. SHRI INNOCENT:

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

- (a) whether any new Research and Development (R&D) measures have been taken by the Government for promotion of organic farming in the country and if so, the details thereof; and
- (b) whether any path breaking innovations have been achieved in the field of organic farming during the last two years and if so, the details thereof?

A N S W E R

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्रालय में राज्य मंत्री
(SHRI SUDARSHAN BHAGAT)

(a) Yes, Madam. Indian Council of Agricultural Research through ICAR-Indian Institute of Farming Systems Research, Modipuram operates a research scheme of Network Project on Organic Farming (NPOF) in 20 research centres in 16 states to develop package of practices for organic production of crops in cropping and farming systems perspective. The scheme involves 11 State Agricultural Universities, 8 ICAR institutes/centres and 1 deemed to be/special heritage university. The details of locations of the centres are given in **Annexure-I**.

(b) No. However, as an outcome of the research of Network Project on Organic Farming (NPOF), scientific package of practices

http://pdfsr.ernet.in/npof/index.php?id=package_of_practices

for organic production of crops in cropping systems perspective have been developed in 42 cropping systems for 11 states. The cropping systems for which detailed scientific package of practices developed are given in **Annexure-II**.

Network Project on Organic Farming (NPOF) centres

S.N.	State	University/Institute	Location
1	Chhattisgarh	Indira Gandhi Krishi Vishwavidyalaya, Raipur	Raipur
2	Gujarat	Sardarkrushinagar Dantiwada Agricultural University, S.K. Nagar (Gujarat)	S.K. Nagar
3	Himachal Pradesh	CSK HPKV Hill Agri. Res. & Extn. Centre, Bajaura-175 125	Bajaura
4	Jharkhand	Birsa Agricultural University, Kanke, Ranchi – 834 006	Ranchi
5	Kerala	ICAR-Indian Institute of Spices Research, P.B. No. 1701, Marikunnu PO, Calicut – 673 012	Calicut
6		ICAR-Central Tuber Crops Research Institute, Sreekarlyam,, Thiruvananthapuram – 695 017, Kerala	Trivandram
7	Karnataka	University of Agricultural Sciences, Yettinagudda Campus, Krishinagar, Dharwad	Dharwad
8	Madhya Pradesh	Jawaharlal Nehru Krishi Viswa Vidyalaya, Jabalpur-482 004	Jabalpur
9		ICAR-Indian Institute of Soil Science, Nabi Bagh, Berasia Road, Bhopal	Bhopal
10	Maharashtra	Dr. Balasaheb Sawant Konkan Krishi Vidypeeth, Daploi	Dapoli
11	Meghalaya	ICAR Research Complex for NEH Region, Umiam – 737 102	Umiam
12	Punjab	Punjab Agricultural University, Ludhiana-141 004	Ludhiana
13	Rajasthan	Maharana Pratap University of Agriculture & Technology, Udaipur-(Rajasthan)	Udaipur
14		ICAR-National Research Centre on Seed Spices, Tabiji, Ajmer, Rajasthan	Ajmer
15	Sikkim	ICAR Regional Centre, Sikkim of ICAR Research Complex for North-Eastern Hill Region, Umroi Road, Barapani, Meghalaya	Sikkim
16	Tamil Nadu	Tamil Nadu Agricultural University, Coimbatore – 641 003	Coimbatore
17	Uttarakhand	G.B.P. University of Agriculture and Technology, Pantnagar, Udham Singh Nagar, Uttarakhand	Pantnagar
18		ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansadhan, Almora, Uttarakhand	Almora
19	Uttar Pradesh	ICAR-Indian Institute of Farming Systems Research, Modipuram	Modipuram
20	West Bengal	Ramakrishna Mission Vivekananda University (RMVU), PO Belur Math, District Howrah-711 202, West Bengal	Narendrapur

**Scientific package of practices developed for organic production of
crops and cropping systems**

Sl. No.	Cropping systems	Suitable State
1.	Soybean-chickpea	Chhattisgarh
2.	Soybean-onion	
3.	Rice-chickpea	
4.	Maize - Garlic	Himachal Pradesh
5.	Cauliflower - Pea -Tomato	
6.	Coriander - Pea -Tomato	
7.	Rice (Basmati type)-wheat	Jharkhand
8.	Rice (Basmati type)-lentil	
9.	Rice (Basmati type)-linseed	
10.	Rice (Basmati type)-potato	
11.	Turmeric	Kerala
12.	Ginger	
13.	Black pepper	
14.	Soybean-Wheat	Madhya Pradesh
15.	Soybean-Mustard	
16.	Soybean-Chickpea	
17.	Soybean-Isabgol/Linseed	
18.	Rice-groundnut	Maharashtra
19.	Rice-Dolichos bean	
20.	Rice-cucumber	
21.	Rice-red pumpkin	
22.	Rice-Carrot (Raised beds in lowland)	Meghalaya
23.	Rice-Tomato (Raised beds in lowland)	
24.	Maize + soybean- French bean (Upland)	
25.	Maize-potato-summer greengram	Punjab
26.	Turmeric-onion	
27.	Basmati rice-wheat-green manure (<i>Sesbania</i>)	
28.	Maize-durum wheat-cowpea (fodder)	
29.	Maize-berseem-bajra (fodder system)	
30.	Maize-berseem-maize+cowpea (fodder system)	
31.	Cotton-maize-green manure (<i>sesbania</i>)	
32.	Chillies-Sunflower-green manure (<i>sesbania</i>)	Tamil Nadu
33.	Beetroot-maize- green manure (<i>sesbania</i>)	
34.	Basmati rice- wheat- <i>Sesbania</i>	
35.	Basmati rice- Lentil- <i>Sesbania</i>	Uttarakhand
36.	Basmati rice- Vegetable pea- <i>Sesbania</i>	
37.	Basmati rice- <i>Brassica napus</i> – <i>Sesbania</i>	
38.	Basmati rice- Chickpea – <i>Sesbania</i> (under biodynamic practices)	
39.	Basmati rice – wheat - <i>Sesbania</i> green manure	Uttar Pradesh
40.	Coarse rice– barley + mustard – greengram	
41.	Maize (grain) – potato– okra	
42.	Maize (green cobs) – mustard + radish - <i>Sesbania</i> green manure	
