## During the last three years, approximately Rs. 310 crores has been invested for supporting the use of Biotechnology in agriculture including organic farming through Biotech-KISAN programme

## Twenty States and two Union Territories have prepared their own Biotechnology policy

Government supports Research Institutes, Central & State Agriculture Universities for competitive R&D and demonstration activities in Agriculture Biotechnology including organic farming. The Biotech-Krishi Innovation Science Application Network (Biotech-KISAN) programme also focuses on taking innovative technologies to the farmers. The activity has been supported across the country including Aspirational Districts. During the last three years, approximately Rs. 310 crores has been invested for supporting the use of Biotechnology in agriculture including organic farming through these programmes.

Twenty States and two Union Territories have prepared their own Biotechnology policy.   ***(Details are provided in Annexure I.)***

Government through Department of Biotechnology (DBT) has implemented integrated Human Resource Development Program in Biotechnology to provide Biotechnology trained personnel in various fields including agriculture. Some of the major programmes include Postgraduate Teaching Program, DBT-Junior Research Fellowship Program, DBT- Research Associate ship and DBT-Biotechnology industry Training Program (Apprenticeship) Program for skilled and trained manpower etc. These programmes are supported across the country.

**Annexure-I**

**The details of States/UTs having Biotechnology policy are as follows:**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Name of the State/UT** | **Biotechnology Policy/Programme** |
| 1.
 | Andhra Pradesh | Biotechnology Policy 2015-2020 |
| 1.
 | Assam | Biotechnology Policy 2018-2022 |
| 1.
 | Bihar | Biotechnology Policy |
| 1.
 | Chandigarh | Biotechnology Policy Chandigarh |
| 1.
 | Chhattisgarh | Biotechnology Policy Chhattisgarh |
| 1.
 | Goa | Biotechnology Policy 2009 |
| 1.
 | Gujarat | Biotechnology Policy 2016-2021 |
| 1.
 | Haryana | Biotechnology Policy Haryana 2002 |
| 1.
 | Himachal Pradesh | Biotechnology Policy 2014 |
| 1.
 | Jammu and Kashmir | Biotechnology Policy 2010 |
| 1.
 | Jharkhand | Jharkhand  Information Technology/Biotechnology Policy 2012 |
| 1.
 | Karnataka | Biotechnology Policy 2017-2022 |
| 1.
 | Madhya Pradesh | Biotechnology Policy 2003 |
| 1.
 | Maharashtra | Biotechnology Policy 2001 |
| 1.
 | Odisha | Biotechnology Policy 2018 |
| 1.
 | Punjab | Punjab Biotechnology Programmes |
| 1.
 | Rajasthan | Biotechnology Policy 2015 |
| 1.
 | Tamil Nadu | Tamil Nadu Biotechnology Policy 2014 |
| 1.
 | Telangana | Biotechnology Policy 2015-2020 |
| 1.
 | Uttar Pradesh | Biotech Policy of UP 2014 |
| 1.
 | Uttarakhand | Biotechnology Policy 2018-2023 |
| 1.
 | West Bengal | Biotechnology Policy 2013 |

This information was given by the Union Minister of Science and Technology, Earth Sciences and Health and Family Welfare, Dr Harsh Vardhanin a written reply in Lok Sabha today.

Source

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