



सत्यमेव जयते

ANNUAL REPORT 2023-24

DEPARTMENT OF AGRICULTURE & FARMERS WELFARE
MINISTRY OF AGRICULTURE & FARMERS WELFARE
GOVERNMENT OF INDIA



Chapter-6

NATIONAL BEEKEEPING AND HONEY MISSION (NBHM) / NATIONAL BEE BOARD (NBB)

6.1 Beekeeping:

Beekeeping is an agro-based activity which is being undertaken by farmers/ landless labourers in rural area as a part of Integrated Farming System (IFS). Beekeeping has been useful in pollination of crops, thereby, increasing income of the farmers/ beekeepers by way of increasing crop yield and providing honey and other high value beehive products, viz.; bees wax, bee pollen, propolis royal jelly, bee venom, etc., that serves as a source of livelihood for rural poor. Diversified agro climatic conditions of India provide great potential and opportunities for beekeeping/ honey production and export of Honey.

6.2 Schemes of DA&FW for promotion of Beekeeping:

A. National Beekeeping & Honey Mission (NBHM):

Govt. of India has approved a Central Sector Scheme entitled “**National Beekeeping & Honey Mission (NBHM)**” under Aatma Nirbhar Bharat Announcement for overall promotion and development of scientific beekeeping and to achieve the goal of “**Sweet Revolution**” in the country with total budget outlay of Rs. 500.00 crores for 3 years (2020-21 to 2022-23) and the scheme has been further extended for three years, i.e., 2023-24 to 2025-26, with the remaining available budget of Rs. 370.00 crores from the allocated budget of Rs. 500.00 crores. The scheme is being implemented through 3 Mini Missions (MMs) - MM-I, MM-II & MM-III under which thrust will be given on awareness, capacity building/ trainings, focus on women empowerment through beekeeping, setting up of requisite infrastructural facilities, viz.; Integrated Beekeeping Development Centres (IBDCs), Honeybees Disease Diagnostic Labs, Setting/ upgradation of Honey Testing labs, Beekeeping Equipment Manufacturing Units, Custom Hiring Centres, Api therapy Centres,

Development of Quality Nucleus Stock Centres & Bee Breeders, Distribution of Bee Colonies a new Component etc., Digitization/ online registration, etc. under MM-I, processing, value addition, market support, etc. under MM-II and R&D under MM-III.

6.3 Main activities under NBHM during 2023-24:

Details of main activities implemented during the year 2023-24 under NBHM, as on date, are given as under:

1. 4 World Class State-of-the-Art Honey Testing Labs have been set up under NBHM: **(i)** at NDDDB, Anand, Gujarat. The Lab has been accredited by NABL and has started testing of honey samples, **(ii)** Labs at IARI, Pusa, New Delhi completed and **(iii)** Indian Institute of Horticultural Research (IIHR), Bengaluru, Karnataka is establishment and **(iv)** IBDC Haryana
2. 35 Mini Honey Testing Labs have been sanctioned under National Beekeeping & Honey Mission (NBHM) in the states of Jammu & Kashmir (4), Himachal Pradesh (2), Uttarakhand (3), Assam (1), Arunachal Pradesh (1), Uttar Pradesh (4), Bihar (1), West Bengal (3), Haryana (1), Rajasthan (1), Gujarat (2), Maharashtra (1), Karnataka (4), Kerala (1), Odisha (1), Madhya Pradesh (2), Chhattisgarh (1), Telangana (1) and Andhra Pradesh (1)
3. Under the scheme of “Formation of 10,000 FPOs”, 100 FPOs of Beekeepers/ Honey Producers are allotted to TRIFED (14 nos.), NAFED (60 nos.) and NDDDB (26 nos.) for implementation of activities under NBHM. Thus, out of total 105 FPOs allotted to NBB, 88 FPOs of Beekeepers/ Honey Producers have been registered/ formed till date.
4. 14,536 Beekeepers/ Beekeeping & Honey

Societies/ Firms/ Companies with 22.04 lakhs honeybee colonies registered with NBB and uploaded on “Madhukranti Portal” upto 16th January, 2024.

5. World Bee Day (WBD) was celebrated under the gracious presence of Hon'ble Minister of Agriculture & Farmers Welfare, Govt. of India on 20th May, 2023 at College of Agriculture, Waraseoni, Balaghat, Madhya Pradesh.
6. Orientation Workshops/ Video Conferences for States/ UTs and other Stakeholders for effective implementation of NBHM scheme and registration on “Madhukranti” Portal have been organized time to time.
7. A Book on “Marching Towards Sweet Revolution” was launched by Hon'ble Minister of Agriculture & Farmers Welfare, Govt. of India on the occasion of World Bee Day celebrated at College of Agriculture, Waraseoni, Balaghat, Madhya Pradesh on 20.05.2023.
8. Training Programme conducted on “Scientific Beekeeping for CAPFs and officials” at zonal level in which 832 participants of 144 units from different parts of the country get trained at various centers during 26th October – 9th December 2023.

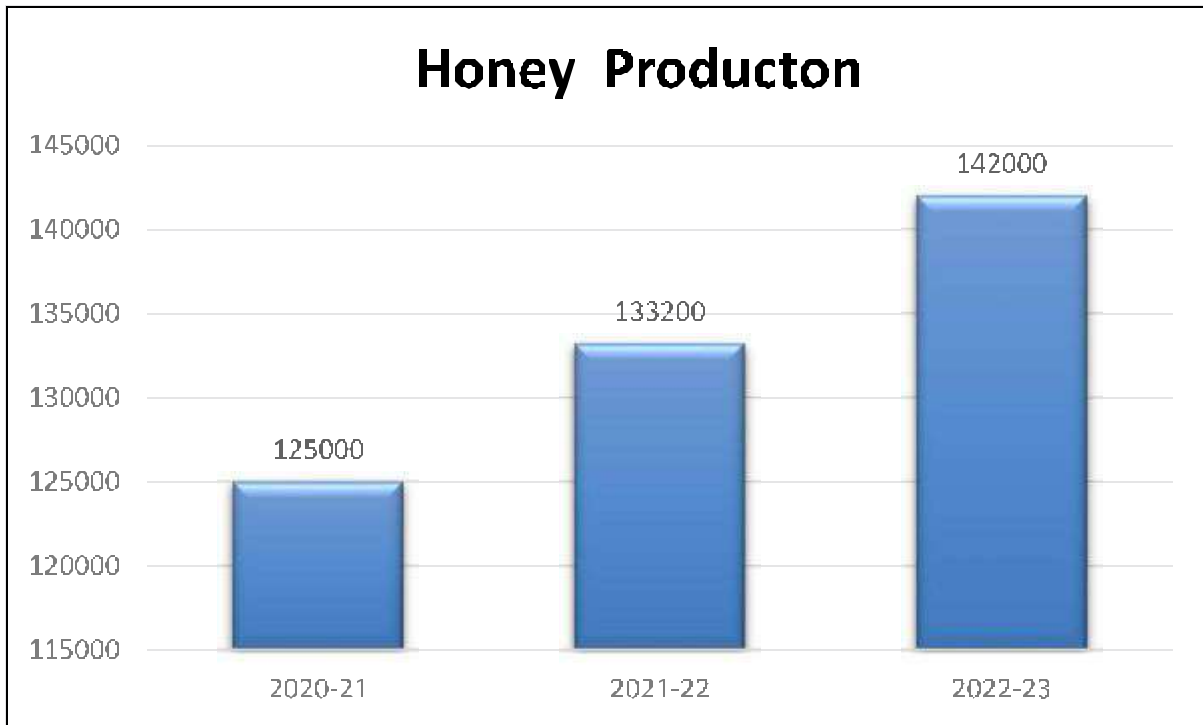
6.4 Main achievements of NBB in beekeeping/ honey production:

The main achievements of NBB in beekeeping/ honey production since its inception in 2006 are summarized as under:

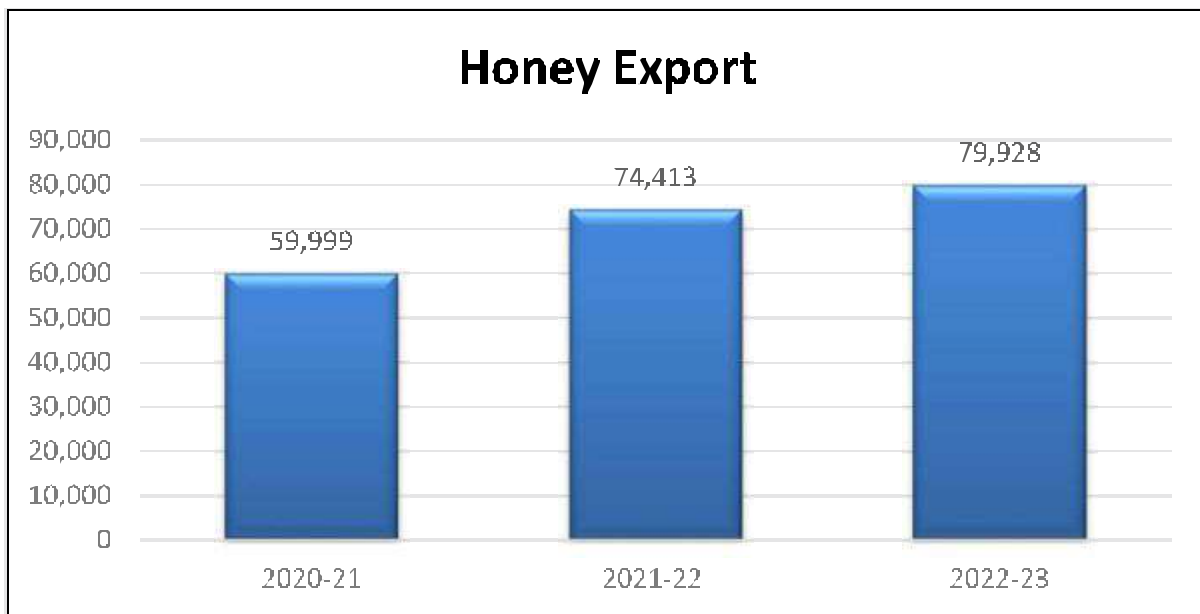
- India is currently producing about 1,42,000 Metric Tonnes (MTs) (2nd Advance Estimate) of Honey (2022-23).
- The country has exported 79,929 MT of Honey to the world for the worth of Rs. 1622.77 Crores during the year of 2022-23. (source: APEDA)
- Four training modules, viz.; (i) basic training on beekeeping (ii) training on scientific beekeeping (iii) training on post-harvest management, processing, etc. & (iv) training on production of high value beehive products viz.; royal jelly, pollen, propolis, bee venom, bees

wax, bee bread, etc. prepared & circulated to all the stakeholders including ICAR, SAUs, State Govts., KVIC, etc. for trainings in beekeeping.

- To boost the agricultural production through pollination enhancement in crops in sustainable manner in the country, Department of Agriculture & Farmers Welfare, GOI has decided to treat Beekeeping/ Honeybees as an Input in Agriculture.
- 16 Integrated Beekeeping Development Centres (IBDCs) as role model of beekeeping have been commissioned, one each in the States of Haryana, Delhi, Bihar, Punjab, Madhya Pradesh, Uttar Pradesh, Manipur, Uttarakhand, Jammu & Kashmir, Tamil Nadu, Karnataka, Himachal Pradesh, West Bengal, Tripura, Andhra Pradesh and Arunachal Pradesh.
- Advisories on Good Beekeeping Practices (GBPs) published & circulated to all State Govts. & concerned Agencies/ Stakeholders.
- Projects for Integrated Development of Scientific Beekeeping (IDSB) on Cluster/ Area/ District development approach for enhancing the crop productivity & income of farmers/ beekeepers and generating employment in rural areas formulated/ implemented.
- Designed technical standards for food grade plastic containers for storing honey, which helped in minimizing the problem of presence of lead in honey.
- NBB has coordinated to frame standards of Honey, Bees Wax & Royal Jelly notified by FSSAI.
- Requested Ministry of Finance and NABARD for instructing the financial institutions for financing beekeeping activities by providing credit limits/ Kisan credit cards etc. In pursuance to this, NABARD has already directed all commercial banks to finance beekeeping on priority basis.
- National Bee Board is also promoting beekeeping and marketing of honey to explore the possibilities for utilizing milk routes/ NDDB's infrastructure/ cooperative network in the field.



Production of Honey during last 3 years (2020-21 to 2022-23)



Export of Honey during last 3 years (2020-21 to 2022-23)



Consultative Workshop on “Technological Intervention & Innovations in the Honey / Beekeeping Sector” was organized on 12th April 2023 under the Chairmanship of Additional Secretary (AL), DA&FW at Krishi Bhawan in New Delhi under National Beekeeping & Honey Mission (NBHM)



National Workshop on “Technology Intervention in Beekeeping Sector” was organized on 19th April 2023 under the Chairmanship of Additional Secretary (AL), DA&FW at Central Farm Machinery Training & Testing Institute, Budni, Madhya Pradesh



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World Bee Day (WBD) was celebrated under the gracious presence of Horticulture Commissioner, Ministry of Agriculture & Farmers Welfare, Department of Agriculture and Farmers Welfare, Government of India on 20th May, 2023 at College of Agriculture, Waraseoni, Balaghat, Madhya Pradesh.



Launching of Book (Marching Towards Sweet Revolution under NBHM Scheme during World Bee Day (WBD) by the Hon'ble Minister of Agriculture & Farmers Welfare, Government of India on 20th May, 2023 at College of Agriculture, Waraseoni, Balaghat, Madhya Pradesh



Launching of Purabi Honey during World Bee Day (WBD) by the Hon'ble Minister of Agriculture & Farmers Welfare, Government of India on 20th May, 2023 at College of Agriculture, Waraseoni, Balaghat, Madhya Pradesh



Four days training Programme conducted on “Scientific Beekeeping for CAPFs and officials” at Jalpaiguri, West Bengal during 26th October- 9th December 2023.
