



Integrated Bee Keeping Development Centre (IBDC)

Ramnagar (Kurukshetra)

(An Indo-Israel Agriculture Project)



Establishment of IBDC, Ramnagar (Kurukshetra)



Inauguration – 10th November, 2017

Project Outlay:

- ❑ Total Cost – 10.5 Crore (MIDH scheme)
- ❑ Total Area – 10 ha
 - ❑ Area under Project – 2.0 ha
 - ❑ Admin block – 1.2 ha
 - ❑ Bee Park – 0.4 ha
 - ❑ Apiary Unit – 0.2 ha
 - ❑ Other Activity Area – 0.2 ha
 - ❑ Orchard Area – 8 ha



Facilities for Farmers at IBDC



Automatic Honey Processing Unit

Capacity: 2.00 MT in 8 hours and filling 180 bottles of 500 gms in an hour.

Rate: 13.46 Rs/Kg

Subsidy: 8.56 Rs/Kg

Farmer's share: 4.90 Rs/Kg



Automatic Honey Bottling Unit

Capacity: 180 bottles (500 gm) in 1 hour

Rate: 2.7 Rs/bottle

Subsidy: 1.72 Rs/bottle

Farmer's share: 0.99 Rs/bottle



Automatic Comb Foundation Unit

Capacity: 540 Sheets (80 gm – 90 gm each) in 1 hour

Rate: 42.29 Rs/sheet

Subsidy: 26.88 Rs/sheet

Farmer's share: 15.41 Rs/sheet



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Bee Hives Manufacturing Unit:

Capacity: 8000 – 10000 Bee hives/yr

Rate: 2410 Rs/ beehive

Subsidy: 1768.40 Rs/ beehive (85 % subsidy)

Farmer's share: 641.60 Rs/ beehive



Apiary Unit:

Established 100-120 *Apis mellifera* bee colonies

Rate - Rs 250 Per Queen



Honey Quality Control Lab:

Capacity: 50 Honey Samples/Month

Rate: 3800 Rs/sample (13 tests)

Subsidy: 2415.49 Rs/sample (13 tests)

Farmer's share: 1385.51 Rs/sample (13 tests)

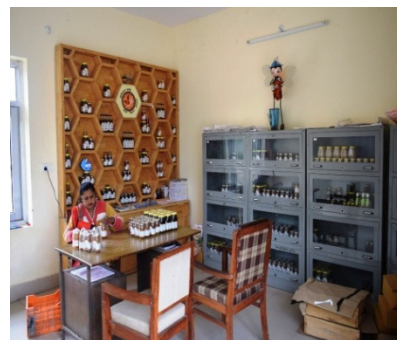




Facilities.....



Honey Parlour: A honey parlour for the sale of bee hive and other value added products established at IBDC.



Auditorium Hall: Equipped with audio-visual aids

Capacity: 110 persons.

Conference Room: Equipped with audio-visual aids.

Capacity: 25 Persons



Children Bee Park: Established a children bee park to aware the school & college students about beekeeping.





HRD Activities

Trainings & Exposure Visits:

- ❑ **Scientific Beekeeping Trainings:** 5 days training course on “Scientific Beekeeping” for un-experienced farmers/youth of Haryana and other state.
- ❑ **Advance Beekeeping Trainings:** 5 days training course on “Mass multiplication of queen bees, Production of other bee hives & value added products, Apiary Management etc. for beekeepers of Haryana & other states.
- ❑ **RPL Beekeeping Trainings:** 5 days training course for the recognition of experienced Beekeepers under ASCI program.
- ❑ **QP 280 Hours Beekeeping Trainings:** 280 hours Beekeeping training course for un-experienced youth under ASCI program.
- ❑ **Exposure Visits for Students:** 1 day exposure visit for students from school and colleges to aware them about beekeeping.





Other Technical Activities

A. Mass Multiplication of Queen Bees:



Apis mellifera Queen Bees Production by Grafting Technology

B. Pollination Trial with *Apis mellifera* on different crops





Village of Excellence (VoE)



A. Villages:-

1. Kurukshetra, Kurukshetra
2. Chaura Khalsa, Karnal
3. Gheer, Karnal
4. Gohran, Kaithal
5. Machhreri, Kaithal
6. Harnaul, Yamuna Nagar
7. Charuni Jattan , Kurukshetra
8. Ajrana Kalan, Kurukshetra
9. Gangatheri , Karnal
10. Jhabala , Karnal
11. Ramgarh , Yamuna Nagar

B. Technology to be transferred:-

1. Super Hives Honey Production
2. Queen Bee Multiplication
3. Feeding during dearth period
4. Collection of pollen, propolis, wax, etc.
5. Apiary management during summer & winter
6. Diseases & pest management
7. Robbing management

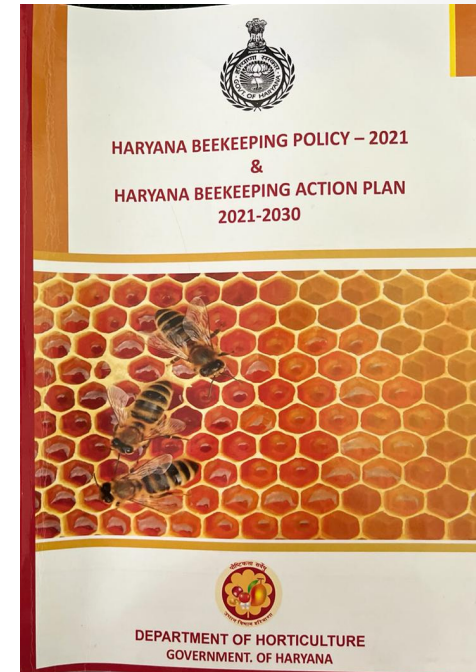
- Selected five farmers in each village
- Total 60 farmers

Extension through VoE





Haryana Beekeeping Policy



- Haryana beekeeping policy-2021 & Haryana beekeeping action plan 2021-2030 was launched by Honb'le Chief Minister of Haryana on 23/09/2021
- This policy work in the alignment with the recommendation provided by Govt. of India through **Beekeeping Development Committee (BDC)** under Economic Advisory Council to the Prime Minister (EAC-PM)



Policy Interventions



- **Strengthen** Integrated Beekeeping Development Centre (IBDC), Ramnagar, Kurukshetra
- All beekeeping developmental schemes would be synchronized & implemented by single agency/department in the State
- To include **bee pollen and honey in mid-day meal & diet of sports person** and women by Education Department, Sports Department and Women & Child Department
- To Provide funds to the **State Agricultural Universities for Research and Development** on different components of beekeeping
- To Provide funds to various **beekeeping projects** in the State
- To Promote **bee friendly plants species** in forest land, roadside, railway land and waste land
- To give **tax incentives** on beekeeping implements/equipments



Cont..



- To **regulate the sale of prohibited pesticide** by inspection & monitoring and promote use of green label pesticides.
- To introduce **insurance policy** and will include honey in Bhavantar Bharpayee Yojana (**BBY**) scheme.
- To issue **ID card** to registered beekeepers.
- **Regular sampling** of honey from beekeepers, traders will be conducted to **check adulteration** of honey.
- To make provision for **loan to the beekeepers** and fund the major beekeeping projects.
- To **allow transportation/migration** of honeybee colonies and beehives (boxes) products from one place to other without hindrance.



Technology interventions



- To **double the beekeepers and bee colonies** by 2030
- **Traceability & monitoring** of bee colonies through **GPS system**, E-market place, digital marketing & E-auction for honey & other beehive products
- To **improve the quality** of honey by promoting food grade buckets, food grade stainless equipment's and superior queen bees to the beekeepers
- To give major boost on production and collection of **beehives by-products** like bee wax, pollen, propolis, royal jelly & bee venom
- To **double the honey production and productivity** by the year 2030



Tech interventions cont...



- To adopt block chain methods, **registration on madhukranti portal**, regular sampling, tracing honey source and establishing quality control laboratory .
- To establish more **Village of Excellence (VoE)** and their link with IBDC Centre.
- To provide **one platform for beekeepers, honey traders and exporters**, (Honey Trade Centre (HTC) at IBDC, Ramnagar, District Kurukshetra for the **sale/purchase and storage of honey**).
- To provide **financial assistance** to beekeeping sectors for its promotion, adoption, and establishment.



Establishment of Honey Trade Centre (HTC)



- Cost: Rs. 3 Crore
- Capacity: 2500 MT

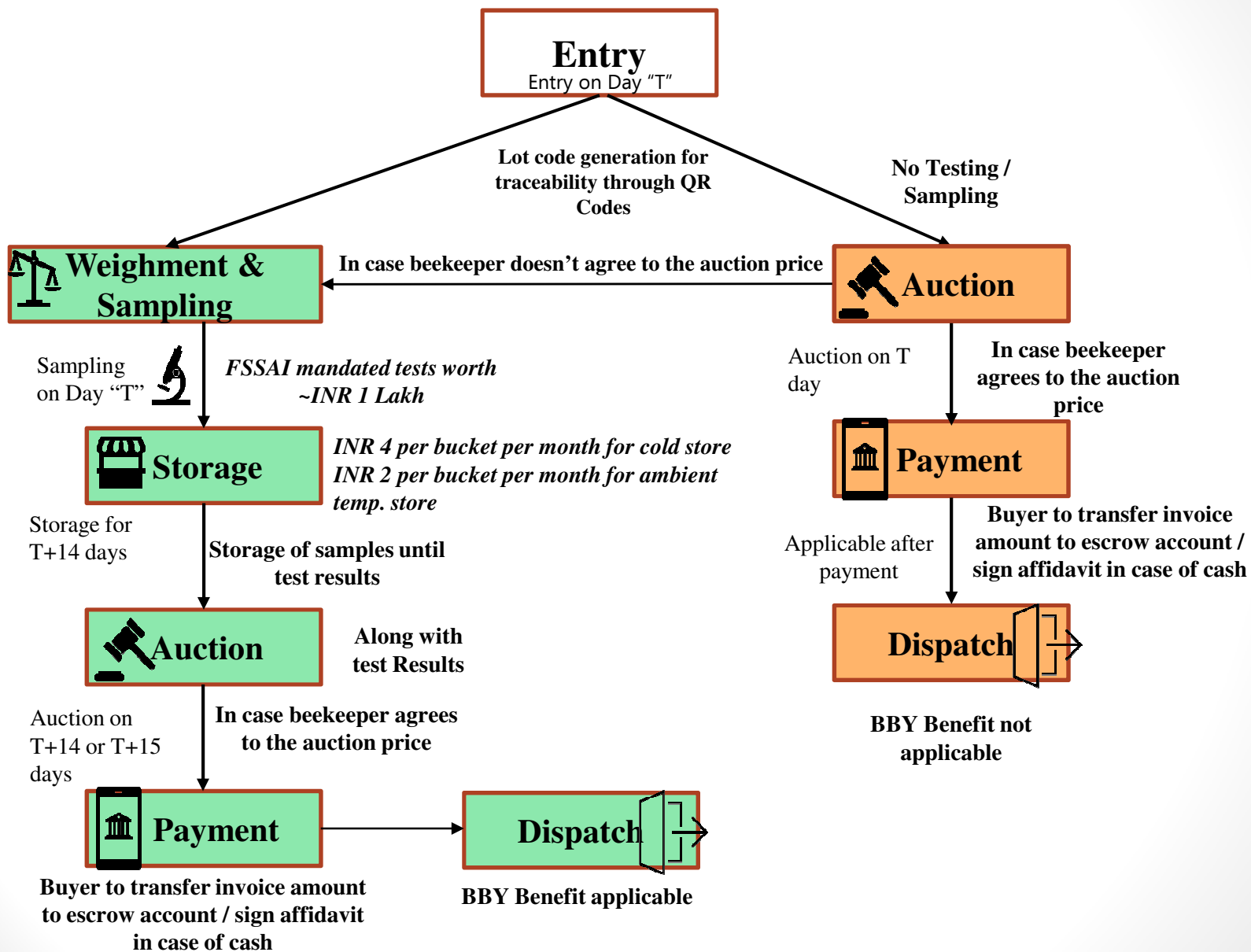
Objective of HTC

- **Trade facilitation** of quality honey at IBDC Ramnagar
- **Marketing of quality honey** of Haryana Beekeepers
- Provide **platform for sale of quality honey** from beekeepers to traders / exporters





Process flow chart of HTC



Migration of Bee Colonies without Hindrance

वन विभाग, हरियाणा
कार्यालय : प्रधान मुख्य वन संरक्षक, हरियाणा, पंचकुला
Address: Plot No. C-18, Van Bhawan, Sector-6, Panchkula, Haryana - 134109, Tel. No. 0172-2569988
Email Id: pccf-hry@nic.in

क्रमांक : 979 दिनांक : 27-07-2021

सेवा में,
महानिदेशक,
बागवानी विभाग,
हरियाणा, पंचकुला।

विषय:- Migration / Placement of Honey bees colonies / boxes in forest areas.

उपरोक्त विषय के संबंध में आपको सूचित किया जाता है कि प्रदेश के वन क्षेत्रों जैसे सड़क एवं नहरों के वन, नर्सरी एवं अन्य अधीनस्थ क्षेत्रों में (राष्ट्रीय उद्यान, वन्यप्राणी अभ्यारण्य एवं PAs को छोड़कर) मधुमक्खियों के पालन हेतु उनके डब्बों को रखने की अनुमति इस शर्त पर दी जाती है कि वन सम्पदा एवं पौधारोपण को नुकसान न हो तथा जिला स्तर पर संबंधित वन मण्डल अधिकारी एवं उनके अधीनस्थ अमले के दिशा-निर्देशानुसार कार्यों पर निगरानी रखी जाए।

प्रधान मुख्य वन संरक्षक (वन बल प्रमुख),
हरियाणा, पंचकुला।

पुर्ठाकन क्रमांक: दिनांक:

एक प्रति निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. सर्व अति. प्रधान मुख्य वन संरक्षक, हरियाणा।
2. सर्व मुख्य वन संरक्षक, हरियाणा।
3. सर्व वन संरक्षक, हरियाणा।
4. वन मण्डल अधिकारी (क्षेत्रीय), हरियाणा को सूचनार्थ एवं आगामी आवश्यक कार्यवाही हेतु प्रेषित है।

प्रधान मुख्य वन संरक्षक (वन बल प्रमुख),
हरियाणा, पंचकुला।

Forest Department

WAN/FAX

From Police Haryana

To 1. All Commissioners of Police, in Haryana
2. All districts Superintendents of Police, in Haryana
3. DCP, Panchkula

CC 1. All Range ADGPs/ IGPs, in Haryana
2. Reader to ADGP, Law & Order (H) PKL (By hand)
3. Reader to IGP, Law & Order (H) PKL (By hand)

Sub:- Allowing transportation/ migration of honeybee colonies and beehives (boxes) products from one place to other without hinderance.

No. 1264-60 / L&O-3 dated 19.01.2021 (.) Please refer to this office endst. No. 1264-92/OPS-3 dated 05.02.2018, on the above noted subject (.) Vide letter under reference, a copy of D.O. letter dated 06.12.2017 of PS to Government Haryana, Agriculture & Farmers Welfare Department was conveyed wherein it was intimated that due to varied climatic conditions and cropping patterns in the country, it becomes necessary to transport/ migrate bee colonies from one place/ state to another and beekeeper/ farmers are facing lot of problems relating theft of bee colonies and hardship at check posts manned by civil officials and police personnel during the transportation of bee colonies and honey from one place to another (.) Vide letter under reference, it was requested to take necessary action in the matter (.) As such, it is again requested to allow transporation/ migration of honeybee colonies and beehives (boxes) products from one place to other without hinderance at check posts (.) Signal compliance (.)

Sachin Dev
19/07/2021
(Sachin Dev)
Superintendent,
for Director General of Police, Haryana

Police Department

Cont..

No. 2762-84/NBHM

Dated 15/06/2021

To

All Superintending Engineer,
Irrigation & Water Resources
Department, Haryana.

**Sub: Permission for Migration/ Placement of Bee Colonies/ Hives on
Canal side and Land belongs to Irrigation Department - reg.**

Ref.: This office Endst. No. 6133-52/1W General dated 21.10.2020.

In continuation of this office letter No. 6133-52/1W General, you are again requested to allow migration/placement of Honey bee colonies/boxes in the canal side areas and others available place under the Irrigation Department in the State. They are further requested to direct their concerned field Executive Engineers to allow placement of Honey bee colonies/boxes in the canal side areas.

Superintending Engineer,
Project Circle,
Haryana Irrigation & WR Deptt.
Sinchai Bhawan, Sector-5
Panchkula.

CC: 1. Copy of above is forwarded to Deputy Director, Horticulture (Fruit) for Director General Horticulture, Haryana, Panchkula in respect of his Office Letter No. Hort/NBHM/2021-22/12733 Dated 08.06.2020 and D.O No. PS/DGH/2020/145 dated 16.10.2020. Vide this Office Endst. No. 6133-52 Dated 21.10.2020 at written a letter to All Superintending Engineers, Haryana Irrigation & W.R. Department to allow migration/placement of Honey bee colonies/boxes in the canal side areas but your department official did not contact our department Field Officers (Copy enclosed herewith).

2. PS to Engineer-in-Chief for kind information to Worthy E-i-C, Haryana, Irrigation & W.R. Department, Panchkula.



20496

Superintending Engineer,
Irrigation & Water Resources Deptt.
Rathdhana Road, Bandepur
Sonapat, Haryana
Email- gwduring.snpc@hry.nic.in
0130-2240233

No. 4794-96 /46-W

Dated 23 /10/2020

To

The Superintending Engineer,
Project Circle, I & W.R. Deptt.
Sinchai Bhawan, Sector-5,
Panchkula

**Sub: - Permission for Migration/Placement of Bee
Colonies/Hives on the Canal Side and Land belongs to
Irrigation Department-reg.**

Ref:- Your office Endstt. No. 6133-52/1-W General dated
21/10/2020.

In this connection, it is submitted that no demand for migration/placement of Bee Colonies/Boxes in the Canal side area and other places available under Irrigation Department has not been received in this office. If, In future any demand regarding the subject cited matter is received, the permission will be given on top priority.

This is for information and taking further necessary action please.

Superintending Engineer,
Y.W.S Circle,
Sonipat

CC.

1. Executive Engineer, Rai & Sonipat W.S Division, Sonipat for information and necessary action.

नहर विभाग का लक्ष्य 'हर खेत को पानी'

Irrigation Department



Visit of Dignitaries



Hon'ble CM, Haryana



Hon'ble AM, Haryana



W/ACS, AF&WD, Haryana



Agriculture Attache, Israel



Glimpses



Unveiling of Book of Code of Practice (Beekeeping) by Hon'ble AM, Haryana



Launching of Beekeeping Policy by Hon'ble CM, Haryana

THANK YOU

We are Diversifying
&
Moving towards Golden
Revolution

