

ACHIEVEMENTS OF CENTRAL INSTITUTE OF HORTICULTURE (CIH) 2022-23

Central Institute of Horticulture, Medziphema, Nagaland has been engaged in the task of various horticulture development activities in the North East region and the programmes are executed through capacity building by training of trainers and farmers/beneficiaries; on & off farm demonstration of improved production technologies; production and supply of quality planting material; accreditation and certification of nurseries in NE region; promotion of organic cultivation of horticultural crops; agri-business promotion through exhibitions, seminars, workshops, exposure trips, buyers & sellers meet; post-harvest management and value addition of horticultural crops; skill development & certificate courses in horticulture; transfer of technology through method & result demonstration, publication of folders, manuals, leaflets and coordination with state horticulture departments of NER and other National organizations, NGOs, farmers' group and self-help groups. The salient achievements during the year 2022-23 are summarized below:

❖ **Capacity building and training programmes: A total of 41** farmers trainings and **01** Trainers training has been conducted where **2494** farmers and **19** officials have been provided training on various aspects of horticulture by the Institute such as Cultivation of exotic vegetables, Production technology of various horticulture crops, post-harvest management & value addition and nursery management & accreditation.

❖ **Kisan Bhagidari Prathmikta Hamari Campaign under Azadi Ka Amrit Mahotsav**

The Institute conducted awareness cum training programme on various horticultural and marketing aspects on 26th April 2022. The programme was organized as a part of **Kisan Bhagidari Prathmikta Hamari Campaign under Azadi Ka Amrit Mahotsav**, with the objective to create awareness on various horticulture avenues for income generation and livelihood sustenance for farmers.

The programme was conducted in four locations under Peren and Chumoukedima district of Nagaland viz; Punglwa B village, Molvom village, Chumoukedima and Medziphema village. The technical team of the Institute provided awareness and training programme on mushroom cultivation and

vegetable cultivation, floriculture and marketing linkage. A total of 222 participants comprising of farmers, SHGs, FPOs and entrepreneurs have actively participated and interacted with subject expert.

- ❖ **Production of quality planting material:** The Institute produces a variety of plants in its nursery units with the objective to provide disease free quality planting material. A total of **64520** nos. of rootstocks of Citrus, mango, Cashew nut and guava have been raised and **22848** Quality Planting materials have been propagated & produced for Citrus, Dragonfruit, Avocado, litchi, Cashewnut, Mango and Guava. Beside these, 3 nursery units and 2 scion blocks in polyhouse & scion mother block in field is being maintained.

- ❖ **Demonstration of improved production technologies (on & off farm):** The Institute has established demonstration plots and gap filling of fruit crops (Khasi Mandarin, Acid Lime, Avocado, pineapple), vegetables & spices (Okra, Indian bean, cowpea, sweet potato, Colocasia, ginger, turmeric, cabbage, broccoli, cauliflower, pakchoi, knol khol), seasonal flowers, Cultivation of capsicum, tomato, muskmelon and cucumber under protected structures, oyster mushroom production. The Institute has also distributed planting materials of banana, litchi and tapioca were also distributed for demonstration at Integrated Horticulture Model in Punglwa B village, Peren District of Nagaland.

- ❖ **Post harvest management:** Standardization of protocol and preparation of 3 types of RTS from Litchi, Protocol development for value added dehydrated carambola, Value addition of jackfruit – Jackfruit chips, turmeric powder preparation. Launching of RTS from locally available fruits prepared by Ex-trainee of CIH during the Hon'ble Union Minister's Visit to CIH on 26th June 2022.

- ❖ **Marketing and agri-business promotion:** Under Agri business promotion, Central Institute of Horticulture, Nagaland organized Farmers Workshop cum Exhibition on 26th & 27th June 2022 at its campus in Medziphema, Nagaland.

The event was graced by Hon'ble Union Minister of Agriculture and Farmers Welfare, Shri Narendra Singh Tomar.

❖ Meetings

Review meeting on major programmes and schemes for the North Eastern Region: Shri Manoj Ahuja, Secretary, Department of Agriculture and Farmers Welfare (DA&FW), Government of India chaired a high-level meeting at the Central Institute of Horticulture (CIH), Medziphema, Nagaland on 12th November 2022 to review the Ministry's major programmes and schemes for the North Eastern Region (NER). Senior officials of all eight North-Eastern states participated in the deliberations.

❖ Skill development course & 3 months Certificate

- Skill development course on Protected cultivation- Floriculturist with a total of 19 trainees from Mizoram.
- Skill development course on gardener with a total of 18 trainees from Noklak district of Nagaland.
- Three months certificate course on Post harvest management with 15 trainees from Nagaland and Manipur.

❖ Nursery Accreditation

S/n	Name of Nurseries with rating	Star Rating	Capacity
1.	North Eastern agro services Nursery, Assam	"2" Star	1.5 lakh (Assam lemon, Khasi Mandarin, Guava, Mango, Dragonfruit, litchi)
2.	Vijaya Nursery, Assam	"2" Star	1.6 (Assam lemon, Khasi Mandarin, Guava, Mango, Dragonfruit, litchi)
3.	Khidmat Agro nursery, Assam	"1" Star	80,000 ((Assam lemon, Khasi Mandarin, Guava, Mango, Dragonfruit, litchi)
4	Nishtha Nursery, Assam	"1" Star	50,000 ((Assam lemon, Khasi Mandarin, Guava, litchi)
5	North east organic nursery, Assam	"1" Star	60,000 ((Assam lemon, Khasi Mandarin, Guava, Mango, Dragonfruit, litchi)