



# Impact of CSIR Floriculture Mission in Himachal Pradesh



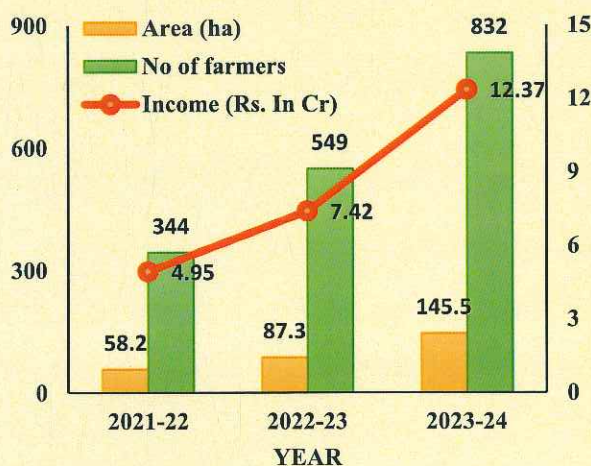
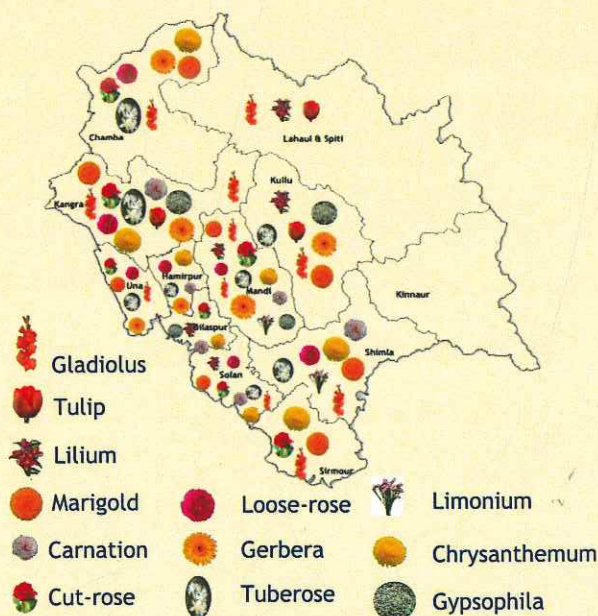
Hill states like Himachal Pradesh have cooler temperatures and favourable climates making ideal conditions for flower cultivation. Compared to the plains where agriculture is more common, hill regions typically have fewer agricultural activities. This reduces competition for resources such as land, water, and labour, allowing flower cultivators to establish themselves more easily. Weather diversity in Himachal Pradesh from Sub-tropical in lower hills to temperate in high altitudes brings opportunities to farmers for cultivation of exotic flower crops during the off season. Flower cultivation offers a diversified source of income for farmers in hill states. It can serve as a profitable alternative or supplementary crop to traditional crops like grains or vegetables, reducing dependency on single crops and enhancing overall economic resilience. In India, CSIR-Institute of Himalayan Bio-resource Technology (CSIR-IHBT) has been in the forefront of developing floriculture sector in the country. Under CSIR Floriculture Mission, the institute provided quality planting material of flowers like marigold, gladiolus, liliun and tulips, rose, chrysanthemum, tuberose, gerbera, carnation, limonium, eustoma and sunflower w.r.t. the geographical and climatic conditions of Himachal Pradesh.

**Area extension:** In collaboration with the line departments like Department of Horticulture, Ministry of MSME, the institute brought 291 ha area under floriculture in Himachal Pradesh from 2021—24.



**Training programs organized in various districts of Himachal Pradesh**

**Training programs:** A total of 89 awareness cum training programmes on cultivation and value addition technologies of floricultural crops were organized during last three years of CSIR-floriculture mission and more than 2827 unemployed youth, rural women (self-help groups) and farmers were acquainted with various cultural practices, crop management, propagation, disease and insect-pest management, harvesting and post-harvest management including market linkages.



**Enhancement of farmers' income in subsequent years through CSIR Floriculture Mission in HP**

**Planting material distribution across districts in Himachal Pradesh**

**Distribution of planting material:** Around 85.69 lakh quality planting material of carnation, chrysanthemum, tuberose, liliun, cut rose, lose rose, gypsophila, limonium, tulip, gerbera, gladiolus, marigold, Eustoma and sunflower have been distributed to the farmers of all the districts of Himachal Pradesh.



**Glimpse of planting material distribution to various districts of Himachal Pradesh**

In total, 1725 farmers of Himachal Pradesh generated income about Rs. 24.74 crores during the last three years of CSIR-floriculture mission.

**Development of cool chain facility:** The institute has established one cold storage facility at Bagsiad, Mandi benefitting 110 farmers of cooperative 'The Bagsiad Farmer Development Cooperative Society, Mandi, Himachal Pradesh'. The institute has also created refrigerated van facility to transport fresh flowers from farmers field to the various flower markets of Delhi, Chandigarh etc.,





**Marigold at farmer's field at Una, HP**



**Gerbera at farmer's field at Bhuntar, Kullu, HP**



**Lilium at farmer's field at Udaipur, Lahaul & Spiti, HP**



**Carnation farmer's field at Bagsiad, Mandi, HP**



**Carnation farmer's field at Tang-Narwana, Dharamshala, HP**



**Gypsophila farmer's field at Thunag, Mandi, H.P.**



**Gerbera farmer's field at Bilaspur, HP**



**Limonium farmer's field at Chakmoh, Hamirpur, HP**



**Marigold farmer's field at Narwana,  
Yol, Kangra, HP**



**Chrysanthemum farmer's field at Sunni,  
Shimla, HP**



**Chrysanthemum farmer's field at  
Shimla, HP**



**Carnation farmer's field at Solan, HP**



**Marigold field, Dhanot, Jwalaji, HP**



**Carnation farmer's field at Solan, HP**



**Lilium at farmer's field at Kangra**



**Carnation, Mandi (HP)**



**Sunflower farmer's field at Mahog,  
Solan, H.P.**



**Gerbera planting at farmer's field at  
Dharamshala, Dist. Kangra, Himachal**



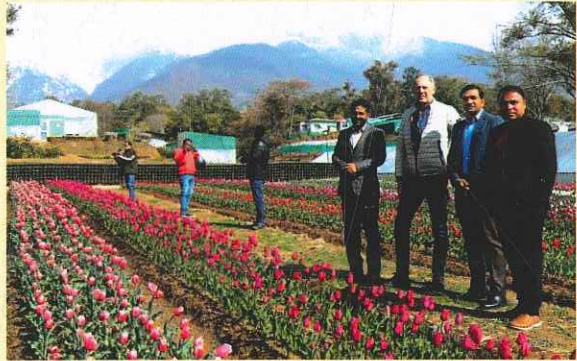
**Limonium, Bilaspur (HP)**



**Tulips, Lahaul (HP)**



**Soil less Tulip cultivation, CSIR-IHBT**



**Tulip Garden, CSIR-IHBT**



**Marigold farmer's field, Baijnath,  
Kangra**



**Gypsophila plantation at farmer's field,  
Bilaspur, HP**

**Urban Floriculture:** Flowers contribute to environmental conservation by promoting biodiversity and enhancing ecosystem services. Under the Mission, we developed 137 gardens in different schools, colleges and 23 vertical gardens developed at public places during 2021-2024 in various districts of Himachal Pradesh.



**Kendriya Vidyalaya Yol Cantt., HP**



**GSSS, Chachian, Kangra, HP**



**GPS, Tikkar, Hamirpur, HP**



**Govt Primary School, Bhatwara, Bilaspur**



**Vertical Garden at Dharamshala Airport**



**Vertical Garden at AIIMS Bilaspur, HP**



**Vertical Garden at Forest Office, Palampur, HP**



**Vertical Garden at DC Office, Dharamshala, HP**

