

# **Jharkhand State Horticulture Mission**

## **Introduction ::**

National Horticulture Mission (NHM) has been launched as a Centrally Sponsored Scheme to promote holistic growth of the horticulture sector through an area based regionally differentiated strategies.

For implementation of NHM programmes in the state a Society JHARKHAND STATE HORTICULTURE MISSION SOCIETY (JSHM) has been registered under Society Registration Act. by Department of Agriculture & Cane Development, Jharkhand.

The NHM in the Jharkhand State was launched in late 2005-06 initially in 10 districts (Ranchi, Hazaribagh, Chatra, Latehar, Logardaga, Saraikela, Palamau, East Singhbhum, Deoghar, Dumka) with main focus on production of planting materials, vegetable seed production, establishment of new gardens, creation of water resources etc. Establishment of new gardens include perennial and non perennial fruits, spices, floriculture, aromatic and medicinal plants.

This scheme was 100 % sponsored by Central Govt. during 2005-06 and 2006-07 (Xth Five Year Plan). However, during 2007-08 and onwards (XIth Five Year Plan) this scheme has been implemented in 15 districts (Ranchi, Hazaribagh, Chatra, Latehar, Logardaga, Saraikela, Palamau, East Singhbhum, Deoghar, Dumka, Jamtara, Pakur, Gumla, Simdega, West Singhbhum) with the pattern of assistance as 85:15 by Central Govt. and State Govt. respectively. Presently 2 new districts Khunti and Ramgarh carved out from Ranchi and Hazaribagh respectively has been included under National Horticulture Mission programme.

The whole state has been divided into three zones viz. central and north eastern plateau and south eastern plateau. Horticultural crops have been adopted under NHM as per their area suitability.

## Area suitability of different horticultural crops.

S.no	Iso-climatic subzones	Location	Speciality crops		
			Vegetables	Fruits	Flowers
1.	<b>Subzone-I</b> *Moderate temperature during summer *Rain fall: 1300-1500mm.	Ranchi, Part of Hazaribag, Gumla, Simdega.	Off-season cabbage, capsicum, off-season cauliflower, tomato, peas, french bean, kharif potato, kharif onion, leafy vegetables, vegetable jackfruit, cucurbits, carrot, beet root, baby corn and cowpea.	Litchi, mango, guava, strawberry, sapota, custard apple, jackfruit, papaya, bael.	Carnation, gerbera, rose, chrysanthemum, marigold.
2.	<b>Subzone-II</b> *Relatively warmer and humid climate *High rainfall *Climate affected by sea	W.Singhbhum, E. Singhbhum, Sarikela.	Brinjal, tinda okra, cowpea, capsicum, cauliflower, chilli, tomato, dolichos bean, root crops, cucumber.	Mango, guava, cashewnut, banana, jackfruit, custard apple, tamarind.	Tuberose, chrysanthemum, marigold.
3.	<b>Subzone-III</b> *Dry climate with less rainy months	Garhwa, Palamau, Chatra, Latehar	Brinjal, chilli, tomato, dolichos bean, root crops, leafy vegetables and cucumber.	Aonla, citrus, guava, bael, karonda	Marigold.
4.	<b>Subzone-IV</b> *Warmer climate *Medium rainfall *High concentration of	Koderma, Giridih, Dhanbad, Bokaro, Part of Hazaribag.	Brinjal, cabbage, okra, capsicum, cauliflower,	Aonla, guava, karonda, bael, jamun, custard apple, tamarind.	Marigold, Rose, Chrysanthemum.

	<b>injurious gases</b>		chilli, tomato, peas, beans, and cucurbits.		
<b>5.</b>	<b>Subzone-V</b> <b>*Warmer climate</b> <b>*High rainfall</b>	Deoghar, Jamtara, Dumka, Godda, Sahebganj, Pakur	Kharif onion, kharif potato, brinjal, cabbage, cowpea, capsicum, cauliflower, chilli, okra, tomato, peas, beans, root crop, and cucurbits.	Mango, jackfruit, tamarind, custard apple and chiraunji.	Rose, tuberose, marigold
<b>6.</b>	<b>Subzone-VI</b> <b>*Cooler climate</b> <b>(altitude&gt;2000ft.)</b>	Hills of Gumla and Lohardaga	Broccoli, gherkins, cabbage, capsicum, off-season, cauliflower, chili, tomato, peas & beans, root crops, beet root, carrot, cucurbits and baby corn.	Pear, peach, low chilling apple, loquat.	Terrestrial orchids, bulbaceous flowers and chrysanthemum.