

Draft National Policy for Farmers
ROLE OF HORTICULTURE

**A PRESENTATION
BY**

**DR. SATYAVIR SINGH
DIRECTOR OF HORTICULTURE
HARYANA**

HORTICULTURE AT A GLANCE

The Department of Horticulture came into an existence after the bifurcation of Agriculture Department during the year 1990-91. The soil and climatic conditions of Haryana State are very congenial for the cultivation of wide range of fruits, vegetables, mushrooms, spices, flowers, medicinal and aromatic plants. With the rapid increase in population, demand of horticultural produce is also increasing significantly. Similarly the demand of medicinal/herbal products is also increasing. Mushroom production activity can be a boon for small, marginal & landless farmers for generating additional income. Besides, due to change in dietary habits in the high society, demand of high value exotic vegetable crops is also increasing. Cultivation of these crops in a limited area can give good returns . The area and production of horticultural crops since the creation of the State is given on the next page:

AREA AND PRODUCTION OF HORTICULTURAL CROPS

Area: in Ha. Production : in Tonnes								
year	Fruits		Vegetables		Mushrooms		Spices	
	A	P	A	P	Trays	P	A	P
1966-67	7865	27527	11305	135360	-	-	-	-
1990-91	12640	99800	55360	802240	252150	850	-	-
2004-05	24071	232220	207750	2980400	1232190	6163	8121	42450
2005-06	27103	239024	232660	2858080	1048760	5444	10194	44886

AREA AND PRODUCTION OF HORTICULTURAL CROPS

Area : in Ha. Production: in Tonnes						
year	Flowers		Med./Aromatic		Poly green house cumulative (Nos)	Drip irrigation cumulative (Ha)
	A	P	A	P		
1966-67	-	-	-	-	-	-
1990-91	50	-	-	-	-	150
2004-05	4810	55583 508*	2316	348.4	212	4268
2005-06	5418	26320 623*	2104	378.2	215	4821

OBJECTIVES

- *Diversification from Agriculture to Horticulture.*
- *Improving productivity of crops and economic status of farmers.*
- *To promote nutritional security.*
- *Dissemination of latest crops technologies.*
- *Employment generation.*
- *Enhancing export and earning foreign exchange.*
- *Reducing environmental pollution.*
- *Organizing farmers for establishing better marketing linkage.*

Major Horticulture Activities

- *Plantations*
- *Nursery raising and maintenance*
- *Rejuvenation of senile/old orchards*
- *Protected Horticulture*
- *Organic farming of horticultural crops*
- *Integrated pest management*
- *Bee-keeping and rearing*
- *Vegetable seed production*
- *Post harvest management*
- *Processing and value addition*
- *Human resource development and management*
- *Creation of water resources*
- *Establishment of Mushroom compost production units*
- *Establishment of vermi compost production units*
- *Credit and finance*
- *Promoting organic farming of horticultural crops.*
- *Integrated nutritional management in horticultural crops*

VISION

(2004-05 TO 2011-12)

- *To increase the area and production under fruits from 24297 ha to 45297 ha and from 182000 to 385000 tonnes respectively*
- *To increase the area and production under vegetables from 208000 ha to 345000 ha and from 3050000 to 4800000 tonnes respectively.*
- *To increase the area under floriculture from 4000 ha to 8000 ha*
- *To increase the production of mushroom from 5500 tonnes to 9000 tonnes*
- *To increase the area under medicinal and aromatic plants from 4450 ha to 10000 ha.*
- *To increase the area under micro irrigation from 4103 ha to 8000 ha.*

STRATEGIES

- Diversifying Agricultural crops to Horticultural crops
- Management of natural resources
- Employment generation for landless labourers and women farmers
- Organizing farmers through FIG (Farmers Interest Group) and (SHG) self help groups
- To develop marketing infrastructure for horticultural produce
- Introduction of latest technologies available in India and abroad.
- Selection and introduction of outstanding quality planting material
- Application of all available technologies in farmers field through training, technical assistance and demonstrations.
- Improvement of professional competence and efficiencies by providing optimum organizational, institutional infrastructure and training support.
- Adoption of cluster approach.
- Introduction of high yielding and value added horticulture crops and adoption of latest water conservation techniques.

NATIONAL HORTICULTURE MISSION FOR THE UPLIFTMENT OF FARMERS

In order to achieve the objectives of overall development of Horticulture and upliftment of farming community in the country, the Govt. of India has initiated the implementation of National Horticulture Mission from the year 2005-06. Under which a wide range of financial assistance will be provided to the farmers who will adopt horticulture with a holistic approach right from plantation to value addition and processing. The component-wise salient features of financial assistance to be provided to the farmers under this mission are as under:

Sr. No.	Name of Component	Rate of Assistance
1.	Establishment of new gardens	75 %
2.	Flower production	(a) Small and marginal farmer= 50% (b) Others=33%
3.	Mushroom production	50%
4.	Spices production	75%
5.	Medicinal/aromatic	75%
6.	Rejuvenation of old orchards	50%

Sr. No.	Name of Component	Rate of Assistance
7.	Protected Horticulture	(a) Small and marginal farmer= 50% (b) Others=33%
8.	Organic farming	50%
9.	Post harvest management	25%
10.	Water resources	100%
11.	Nursery Raising	50%
12.	Vegetable seed production	25%

Mango and Sapota Cluster



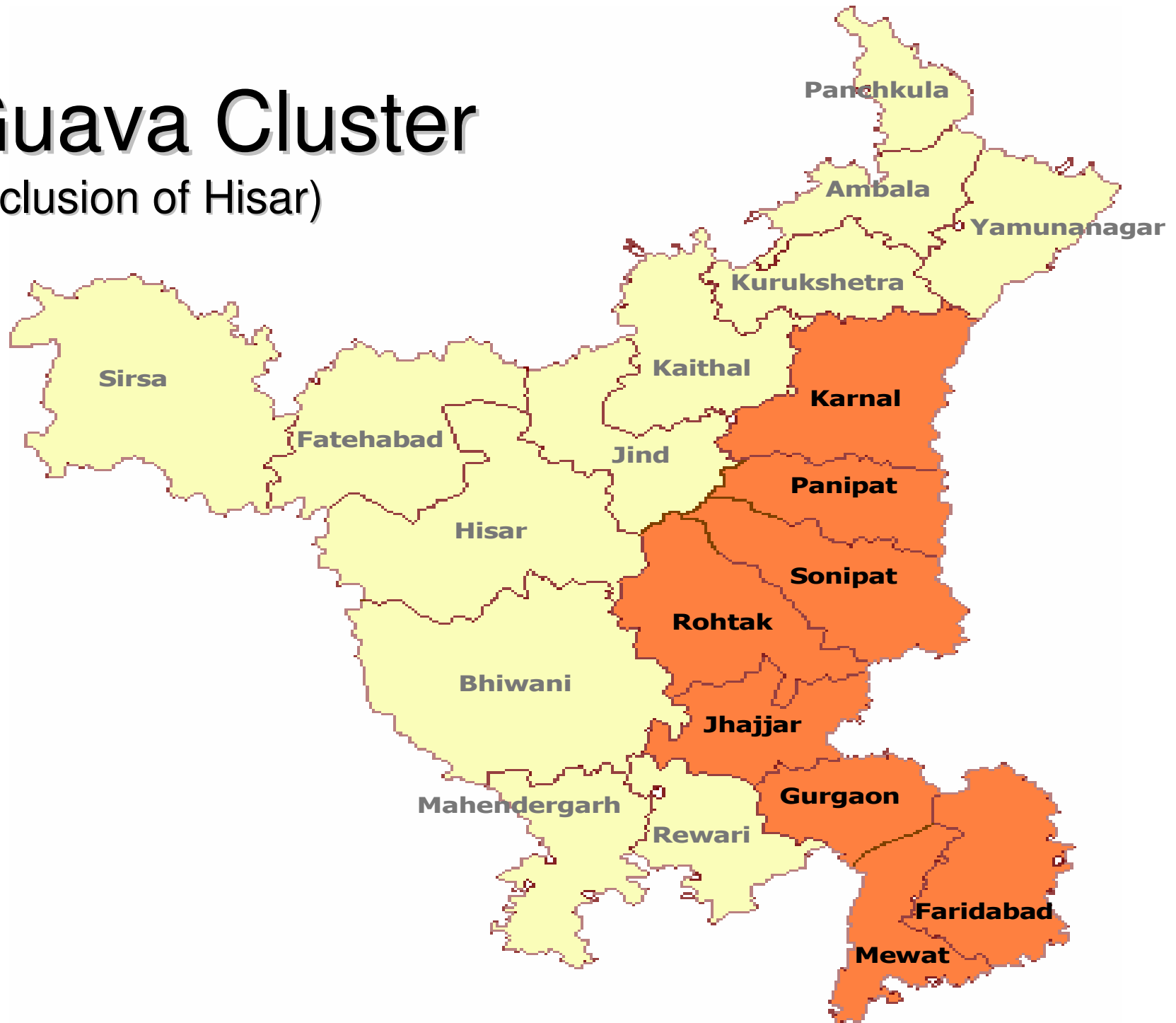
Citrus & Aonla Cluster

(Inclusion of Bhiwani)

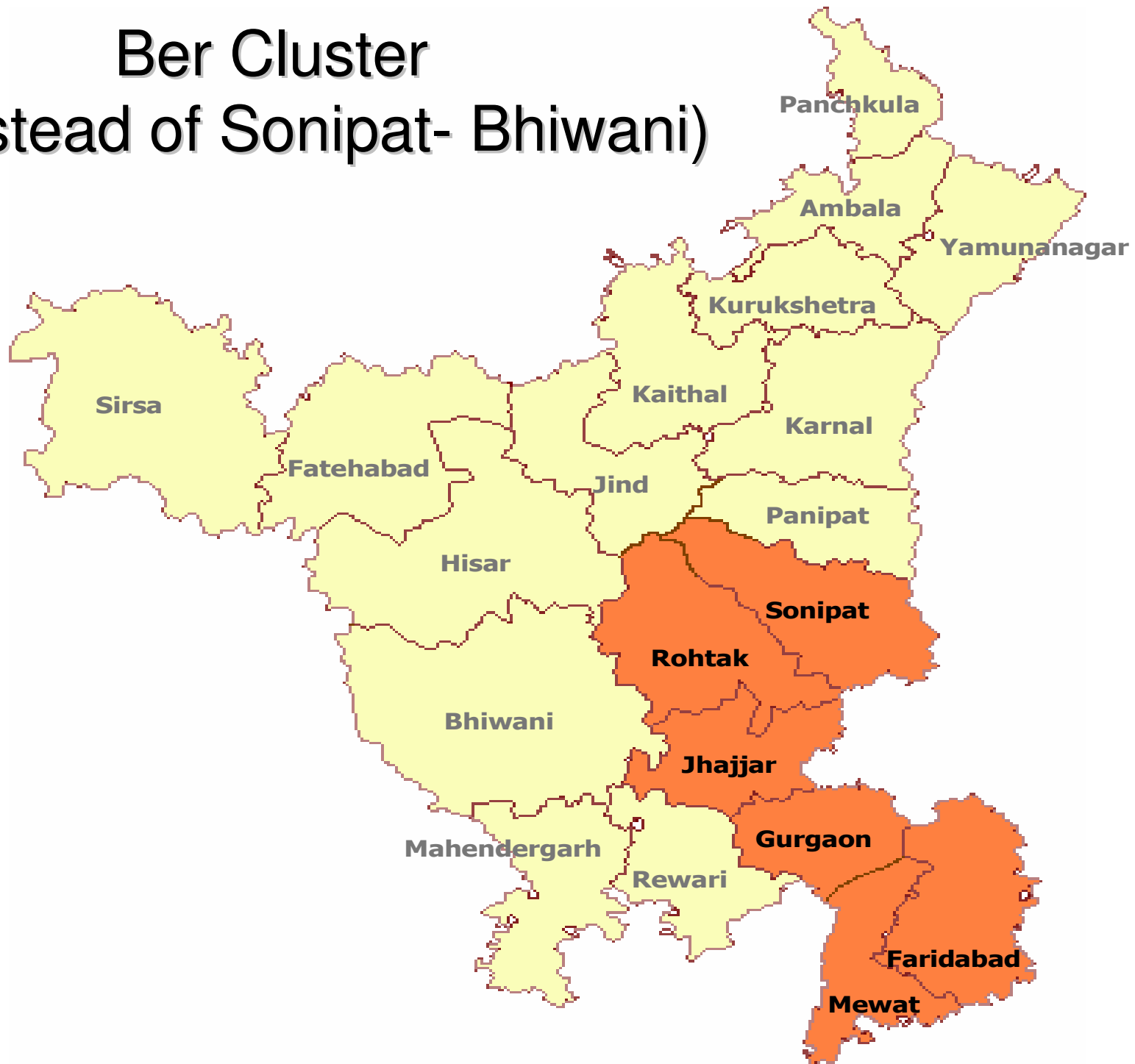


Guava Cluster

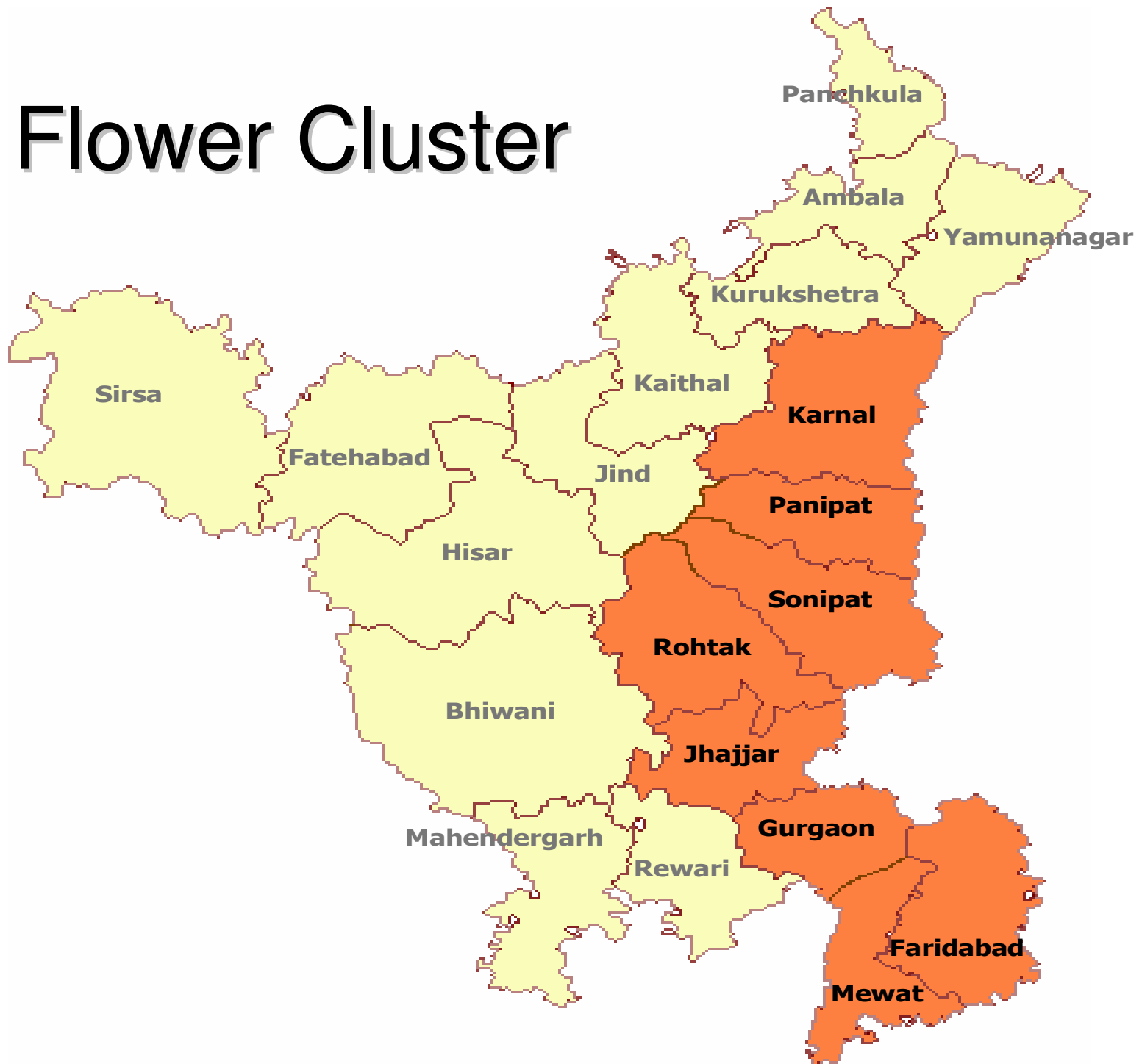
(Inclusion of Hisar)



Ber Cluster (Instead of Sonipat- Bhiwani)

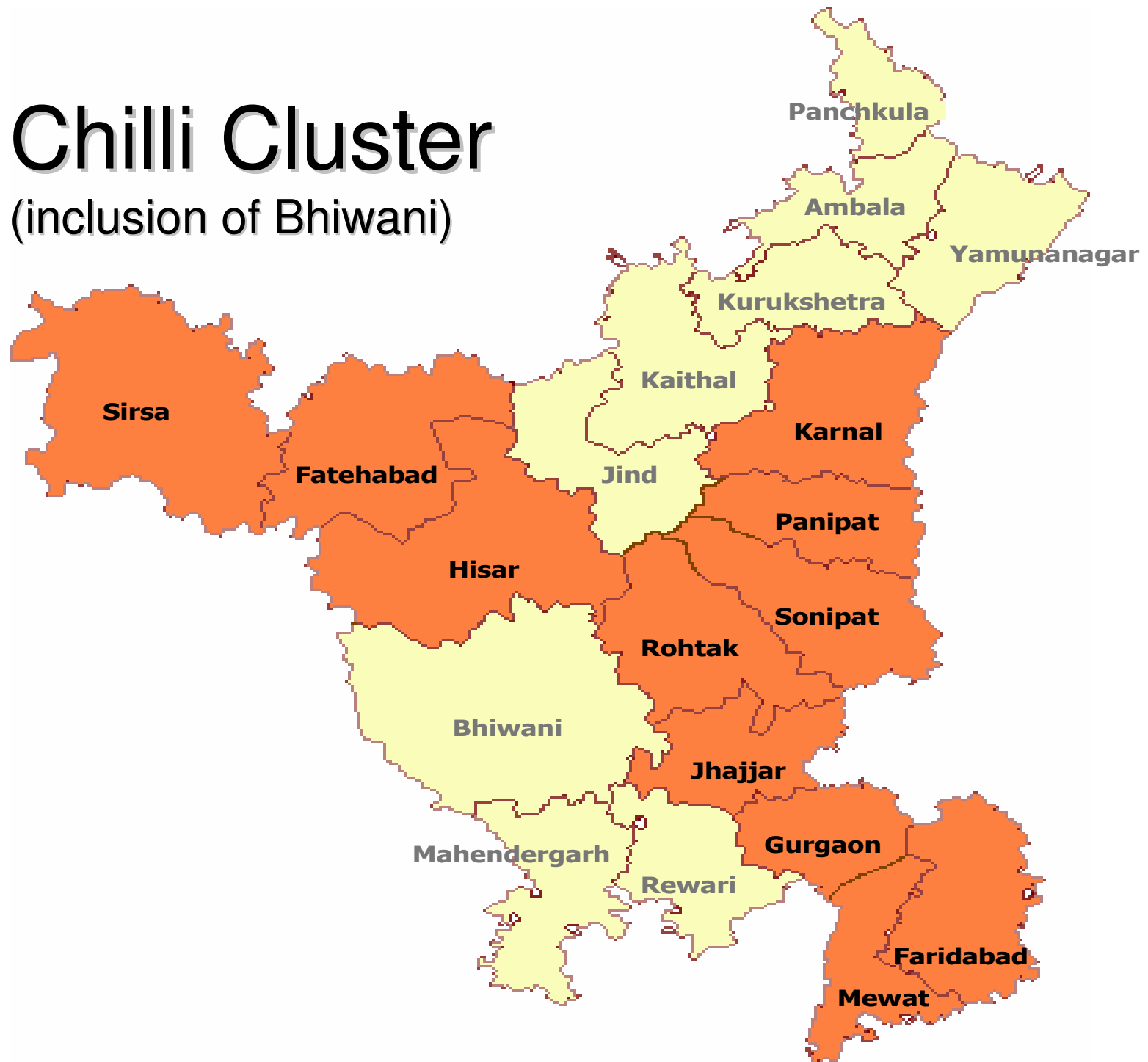


Flower Cluster



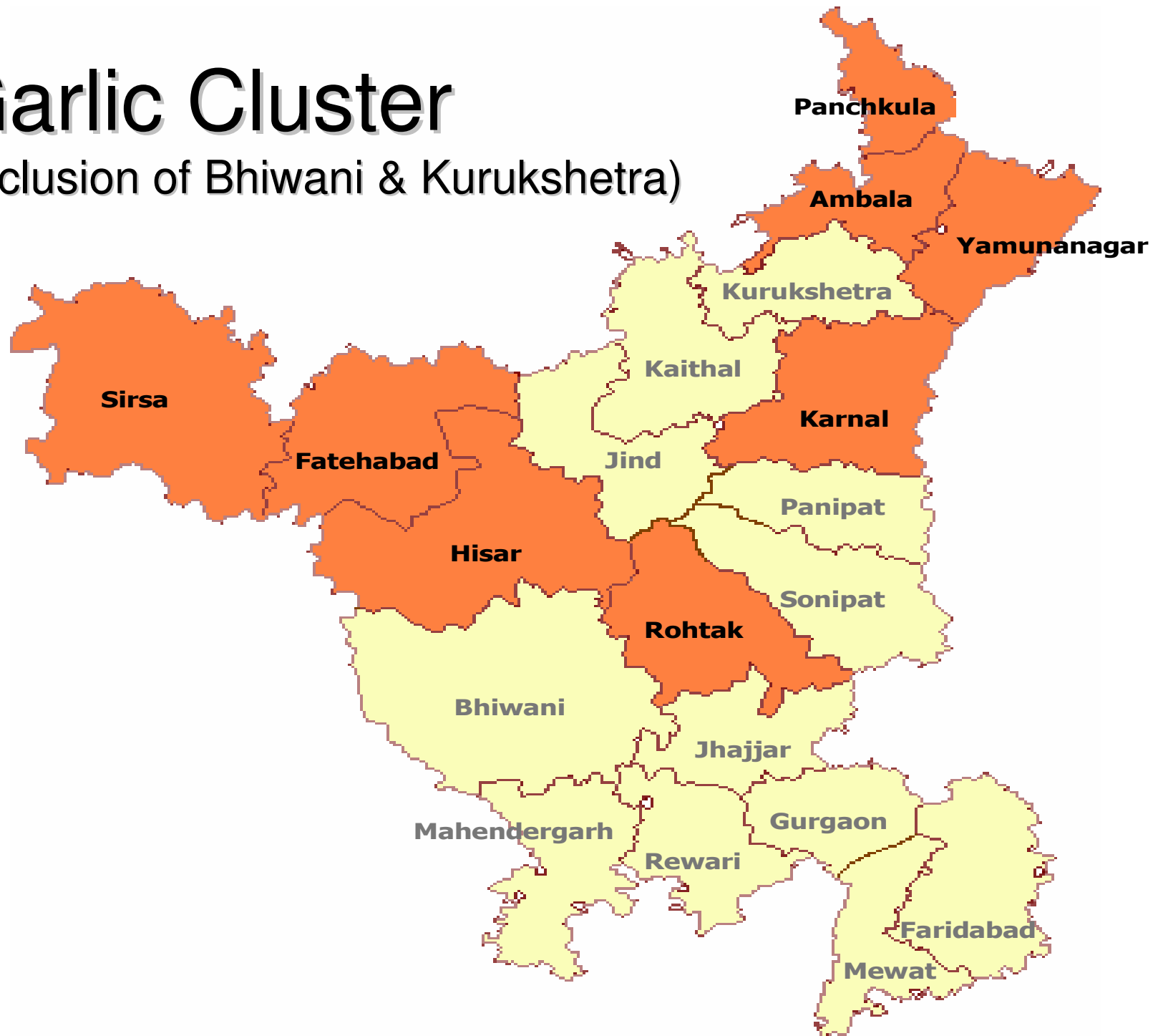
Chilli Cluster

(inclusion of Bhiwani)



Garlic Cluster

(Inclusion of Bhiwani & Kurukshetra)



Suggestions for Provisions in National Policy for farmers

- **Provision should be made for fixing electricity supply rates per unit at par with the agricultural crops.**
- **Provision should be made for the availability of enhanced supply of canal irrigation water to horticultural crops.**
- **Provisions should be made for subsidies @ 75% and 50% for the establishment of large and small scale post harvest management and processing infrastructures respectively. In order to save the farmers from distress sale of horticulture produce in case of glut situation.**

- **Provision should be made for creation of small scale market outlets/auction yards, storage of produce and marketing infrastructure for the easy marketing of horticultural produce, specially Medicinal and Aromatic plants so that farmers may be motivated towards the cultivation of these crops.**
- **Processing unit of spices, Medicinal/aromatic plants may be established within the approach of farmers so that the farmers are not compelled to sell the produce as raw material .**
- **Provision of various back ended capital subsidies and financial assistance to provide broader base.**
- **Provisions for a special channel on television highlighting the issues related to strengthening of horticulture/agriculture sector for creative awareness among the farming community.**