

State Livestock Breeding Policy (W.ef. 2001)

The breeding policy is focused on the following points –

1. Existing breeding policy of the state.
2. Broad outlines of National Cattle Breeding Policy.
3. Agro climatic conditions based breeding zones.
4. Utility of cattle – Buffalo and small animals.
5. Marketing facilities existing.
6. Animal bio – diversity conservation strategy (For preservation of pure indigenous breeds)
7. A.I. through frozen semen in remote areas where A.I. facility is not available natural service through selected bulls.

[A] Breeding Policy in General Cattle & Buffalo

1. Selective breeding in their home tract of pure indigenous draught breeds as Malvi in home land of Malva tract, Nimari in Western Nimar region and Kenkatha in Ken valley of district Panna. Thus Malvi is to be preserved and bred in Shajapur, Ujjain and Rajgarh district.
2. Up-gradation of local non-descript cattle by known indigenous like Hariana, Tharparkar and Sahiwal in selected pockets of rural area of respective breeding zones.

3. Cross-breeding of local non-descript breed with exotic breeds like Jersey in urban, sub urban, milk shed area in general and H.F. in urban area for commercial breeding purpose area for commercial breeding purpose. Cross breeding in rural areas may be performed if Pashupalak desires.
4. Exotic blood level should be maintained at the level of 50% in general. However if progressive pashupalak of organized farms desire for 62.5% facility should be provided.
5. Buffaloe Breeding with Murrah in general. In selected areas of Western MP (adjoining to South Gujrat) with Jafrabadi may be introduced if Pashupalak desire.
6. Breeding with Bhadawari in Bhind and adjoining of Bhind district in North Madhya Pradesh.

Goat :

- i.) Selective breeding with Jamnapari breed in northern parts of the state.
- ii.) Up gradation with Jamnapari in rest of the M.P. except western part of the state.
- iii.) Breeding with Barbari in western part of the state may be introduced.
- iv.) Cross breeding of goat with exotic bore breed to be under taken to improve the productivity of goat breeds.

Sheep :

Sheep is concentrated in few distt. of M.P. in existing policy cross bred Corridale and there after crossbred Rambulate were used to up-grade the local breed of sheep. Therefore existing breeding policy of sheep has to be continued.

Pig :

In the state breeding with middle white yarkshire and large white Yorkshire are being practiced. In the present policy it is being proposed to continue the existing policy. Apart from that colored pigs may be used if pig keeper desire.

[B] Livestock Breeding Policy in Detail – Cattle & Buffaloe

(Breeding zones – wise Cattle Buffloee Breeding Policy of the State)

The state has been divided in to seven breeding zones and each zone has been further subdivided to (1) Urban (2) Plan areas (3) Plateau area with pastoral type of farming.

Zone I North River Valley –

The area extends over the districts of Bhind, Morrena, Gwalior and part of Datia. The soil is fertile, alluvial and rich in minerals suitable for growing wheat, rice, sugarcane, mustered etc.

Cattle found in this area are mostly of Hariana type, dual-purpose breed. They are maintained mostly under semi stall fed conditions. The area has more or less the same agro-climatic conditions as that of the home land of Hariana breed in past, up-gradation with Hariana were practiced in this Zone. Therefore breeding policy for this zone is being proposed as up-gradation with Hariana followed by selective breeding with Hariana, Cross breeding in urban, sub-urban areas may be done if Pashupalak desires.

Zone II The Lateritic belt of Shivpuri –

The area covers the whole of Shivpuri and part of Guna district. Soil is mostly mixed red and black showing deficiency of minerals. Cattle are generally red in color, compact bodied, square built –

moderate in size. Good for tilling operation but poor yielder. This zone was further sub divided in three sub zones viz. Urban and sub urban area, rural plan area and high lands. Shivpuri district comes under milk shed area hence cross breeding with exotic breed like Jersey was taken up in this district. No change in breeding policy for this zone is proposed. However according to general breeding policy, type of exotic breed and stabilization of exotic blood may be maintained in Urban pockets.

Zone III Malva Plateau –

The area includes the distt. Of Guna, Vidisha, Raisen, Sehore, Rajgarh, Shajapur, Ujjain, Ratlam , Indore, Dewas, North Jhabua and Dhar district. Soil is mostly medium black. Cattle are mostly Malvi, reputed draught breed in the country. This zone can be divided in to two sub zones as –

- i. Home land of Malvi comprising Mahidpur tehsil of Ujjain distt and Khilchipur, Jeerapur of Rajasthan district. Agar and Shajapur tehsil of Shajapur district.
- ii. Sub zone with Malvi and their sheds in the rest of the tract.

In the past selective breeding in home tract with Malvi and cross breeding with Jersey and H.F. in urban and semi urban areas were practiced. Now it is proposed to continue selective breeding with

Malvi in entire sub zone -I (i.e. home land of Malvi) where as in milk shed and urban area of sub zone II cross breeding with exotic like Jersey, H.F. should be continued and up-gradation with Malvi / Tharparkar in rural & sub rural area should be confirmed as of existing breeding policy in this zone, since Thari breed is close to Malvi in color and confirmation & is a reputed dual purpose breed.

Mandsore district is now in the milk-shed are. In past, cross breeding was done in this district except in Malahargarh, Neemach, Jawad, Garoth, Bhanpura and Manasa where up gradation with Gir breed was practiced, Hence, it should be continued in fore said blocks of district Mandsour and in part of Jhabua & Sheopur district.

Zone IV Nimari Tract -

This zone covers Alirajpur tehsil of Jhabua district, Kukshi and Manavar of Dhar district whole of Khargone and Khandwa district. Harda tehsil of Hosangabad district, Bhensdehi and Betul tehsil of Betul district. Soil is mostly medium black in the valley to light black on higher altitudes. Gravelly soil on the mountain tops. The cattle of this tract are Nimari draught breed.

Part of this zone is under milk-shed area hence cross breeding in urban, sub urban areas. Selective breeding with Nimari in the western Nimar and up-gradation with Tharparkar in rest of the area were recommended in past. Therefore it is being proposed to continue same policy in this tract under the proposed breeding policy in general

as mentioned earlier. However Nimari breed should also be preserved and breed in district Khandwa (East Nimar).

Zone V Western Vindhya Plateau and Narmada Valley –

This zone covers Narshingpur district, Hosangabad district except Harda tehsil, and whole of Sagar district. Damoh tehsil of Damoh district. Jabalpur district, Amarwara tehsil of Chhindwara district and whole of Seoni district Except Korai block. The soil ranges from clayey loan to clayey and deep black soil. Cattle in this area are of non-descript type.

As these area are covered under milk shed area, hence cross breeding in urban, sub urban, roadside area and up-gradation with Thari breed were practiced in rural area. No change in existing breeding policy in general along with up-gradation with Sahiwal May also be performed in rural area adjoining to Jabalpur district.

Zone VI Eastern Vindhya Plateau –

This area extends to the Hata tehsil of Damoh district Murwara tehsil of Jabalpur district whole district of Rewa, Satna, Panna, Chhattarpur and Tikamgarh district and Northern part of Sidhi district. In the ken valley kenkatha breed of cattle reputed for its draught qualities especially to the rocky and hilly area in Northern region. However, sheds of this breed extend to most of the tract area.

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In the present policy selective breeding with Kenkatha in river Ken valley (Ajaygarh tehsil of distt. Panna) should be continued. Apart from that cross breeding in the urban, sub urban area and up-gradation with Haryana is recommended for rural areas. Proposed breeding policy in general should also be pursued in this zone area.

Zone VII Eastern Satpura Plateau –

This area extends from Balaght and Lkhnadon tehsil to the east and continues up to Shahdol, Umaria district. Cattle breeds in area are non-descript and comparatively poorer. Cross breeding in urban/sub urban areas and up gradation with Thari continues in rural area of this zone. It is being proposed to continue cross breeding in urban, sub urban area and in addition to that Thari, Sahiwal male may be used for up gradation especially in area adjoining to western part of Chhattisgarh state.

Buffaloe –

- i. Buffaloe breeding with Murrah in entire state except in few pockets should be continued for up gradation of local buffalo.
- ii. Bhadavari buffaloe are found in district Bhind. These Buffaloe are mostly maintained for production of Ghee due to high fat % (12-14 %). This breed is on

iii. verge of extinction, thus from bio diversity conservation viewpoint it should be preserved. Therefore in the district Bhind and adjoining are breeding with Bhadawari is being proposed in the present policy.

iv. There is demand of Jafrabadi Buffaloe in western part of the state. Therefore in selected area adjoining to Gujarat up gradation of local Buffaloe with Jafrabadi may be introduced if Pashupalaks desire.

(B) State Breeding Policy for Small Animal

Goat –

The goat are concentrate mostly in district Tikamgarh, Chhattarpur, Shivpuri, Bhind, Gwalior, Mandsour, Dhar, Jhabua, Khargone, Sidhi, Chhindwara, and Balaghat districts. The goat of northern parts of the state are bigger in size. The goats found in southwest area of the state are medium in size and smaller size goats are found in eastern part of the state.

In existing breeding policy breeding with Jamunapari in general is practiced in the state. The following goat breeding policy is being proposed for the state.

- i. Selective breeding with Jamnapari breed in northern parts of the state.
- ii. Up gradation with Jamnapari in rest of the M.P. except western part of the state.
- iii. In Western part of M.P. comparatively smaller size of goats are found hence breeding with Barbari breed in western part of the

state may be introduced as goat keeper desire. Cross breeding of local goat with the boer breed (Goat of South Africa) is proposed to be under taken to improve the quality of local goat population.

Sheep –

Sheep is concentrated mostly in Mondour, Ratlam, Shivpuri, Datia, Bhind and Chattarpur districts. In existing policy cross bred correlate and there after crossbred rambulate were used to up grade the local breed of sheep. therefore, it is being proposed to continue same breeding policy of sheep in the state. One sheep farm would be continue and remaining two farms will be converted into goat farms. A department committee will review the classification of the farms.

Pig –

The pigs are concentrated mostly in Balaghat, Mandla, Jabalpur, Rewa, Satna, Chhatarpur, Tikamgarh, Bhind, Gwalior and Datia district.

In the state breeding with middle white Yorkshire and large white Yorkshire is practiced. In the present policy it is being proposed to continue the existing policy. Colured pigs like Jabalpur black and Chamukha may be introduced as desired by the keepers.