

F.No. 2-1/2003-FC (Pt II)
Ministry of Environment and Forests
Government of India
F.C. Division

Paryavaran Bhawan,
CGO Complex
Lodhi Road, New Delhi-110003

Dated: - 7th June, 2004.

To,

The Secretary (Forests),
All States and Union Territories.

All PCCFs,
All States and Union Territories.

Sub: - Guidelines for diversion of forest land for non-forest purposes under the Forest (Conservation) Act, 1980-Revised Guidelines for Tusser Cultivation (Vanaya Silk Cultivation).

Sir,

I would like to draw your attention towards the National Forest Policy, 1988 which recognizes that the holders of the customary rights and concessions in forest areas should be motivated to identify themselves with the protection and development of forests from which they derive their livelihood. The rights and concessions from forests should primarily be for the bonafide use the communities living in and around forest areas, especially tribals.

The National Forests Policy also recognized that the symbiotic relationship between tribal people and forests is essential for sustainable forest management. It emphasized that the primary task of all agencies responsible for forest management, including the forest development corporations should be to associate the tribal people closely in the protection, regeneration and development of forests as well as to provide gainful employment to them.

Tusser culture is a way of life for many tribal families and forests dwellers particularly in Central and Eastern India. Therefore, silk cultivation in forest areas which can be termed as "Vanya Silk Cultivation" with active participation of local communities could be one such area which can earn benefit for them and help conservation and protection of forests by reducing their dependency on forests. The silk cultivation has got tremendous potential for contributing to the economy of the forests dependent communities. It is estimated that at least one family can earn upto Rs. 13,000/- per annum through cultivation of silk.

The issue of cultivation of silk worm in forests areas was examined in detail in the Ministry of Environment & Forests in consultation with various State/UT Governments and Ministry of Textiles, Government of India. After careful consideration in the interest conservation and protection, the

Central Government hereby, issues following guidelines for **VANYA SILK CULTIVATION** under Forest (Conservation) Act, 1980.

1. The State/UT Forest Department shall encourage silk cultivation in forests areas by tribals and non-tribals who live in and around the forests and are dependent on such forests for their livelihood. However, priority shall be given to the tribals and to those enjoy traditional rights on such forests.
2. The State/UT Forests Departments shall permit such activities in already identified naturally grown forest areas for silk cultivation and the plantation raised for the purpose thereof in coordination with the State/UT Sericulture Department and Central Silk Board.
3. Central Silk Board and the State/UT Sericulture Department shall ensure training of the growers involved in soil cultivation prior to taking up such activities in forests areas.
4. Cultivation of trees on which Vanya Silks or silk worms of Tusser, Oak Tusser, Muga, Eri and Frithi could be reared by tribals and non-tribals living in and around the forest areas for their livelihood without undertaking monoculture plantations shall be treated as forestry activity. Therefore, no prior permission of the Central Government under Forests (Conservation) Act, 1980 is required. The concerned Divisional Forest Officer/Deputy Conservator of Forest shall however, maintain the record of such activities and people involved in it.
5. The State/UT Sericulture Department or Central Silk Board shall issue the pass books to each silk worm grower.
6. The State/UT Sericulture in forests area which specific plantation food trees are undertaken for providing host trees to the silk cocoons shall be treated as forestry activity. This will not require prior approval of the Central Government under Forest (Conservation) Act, 1980 provided such plantation activities do not involve any felling of trees; provided further that while undertaking such plantations, at least three species are planted, of which no single species shall cover more than 50% of the planted area.
7. Vanya silk cultivation shall be allowed on following tree species as host trees.

Sl. No.	Scientific Name	Local Name/Common Name
	For Tusser:-	
(i)	Terminalis arjuna	Arjun
(ii)	Terminalia tomentosa	Asan
(iii)	Shorea robusta	Sal
(iv)	Lagerstroemia indica	Saoni
(v)	Lagerstroemia parviflora	Sidha
(vi)	Syzygium cumini	Jamun
(vii)	Zizyphus mauritiana	Ber
	For Oak Tusser (Temperate Tusser)-	
(viii)	Quercus serrata	Phanat
(ix)	Quercus seniserrata	Phanat

Sl. No.	Scientific Name	Local Name/Common
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		Name
(x)	Quercus dealbata	Udung
(xi)	Quercus semicarpifolia	Phanat
(xii)	Quercus leucotrcophora	Phanat
(xiii)	Quercus glauca	Phanat
(xiv)	Quercus himalayana	Phanat
	For Muga:-	
(xv)	Machilus bombycina (Persea bombycina)	Som
(xvi)	Litsea polyantha (L. monoptela)	Soalu
	For Eri:-	
(xvii)	Heteropanax fragrans	Kesseru
(xviii)	Evadia fraxinifolia	Payam
(xix)	Ailanthus altissima	Barkesseru
(xx)	Ailanthus grandis	Gulancha
(xxi)	Other Ailanthus species	Maharukh, Bhotera

8. This activity could also be introduced on degraded forest lands under Joint Forest Management, especially in tribal areas through tribal cooperative societies with proper investment from public or private sources for raising a mixture of indigenous species including tee species suitable for silk cultivation as given in list mentioned in para 6 above. For this purpose, a Micro-plan shall be prepared jointly by the State/UT Forest Department, village communities, State/UT Sericulture Department and the Central Silk Board.

9. In order to ensure that the silk cultivation is within the carrying capacity of the forests, the concerned Divisional Forests Officer shall issue the permit based on the recommendations, which shall involve technical parameters evolved by the State/UT Sericulture Department and Central Silk Board for rearing of silk worms.

10. To preserve the ecology of a particular forests area, no exotic silk worm or any hybrid variety developed by using exotic genome, shall be introduced in forests areas.

11. This activity shall not be permitted in National Park, Sanctuaries or Biosphere Reserves.

12. Biannual monitoring of the forest areas under silk cultivation shall be done by a team comprising of the concerned Divisional Forests Officer, Director (Sericulture Department) and the officials of Central Silk Board in order to ensure prevention of any epidemic in forest areas as well as proper handling or trees by the growers. The monitoring report shall be submitted to the concerned Regional Office of Ministry of Environment & Forests.

The States/UTs should follow these guidelines while considering proposals for diversion of forest lands for Vanya Silka Cultivation on forest lands.

This issues with the approval of the competent authority.

Yours faithfully,

Sd/-

(ANURAG BAJPAI)

Asstt. Inspector General of Forests

Copy to :-

1. The Secretary, Ministry of Textiles, Govt. of India, New Delhi.
2. Central Silk Board.
3. Nodal Officers- All States/UTs
4. All Regional Offices of this Ministry
5. Director (FC), AIGs (FC).
6. Director (Technical) NIC, with a request to place these guidelines on website.
7. File No. 2-1/2003-FC
8. Guard File.

Sd/-

(ANURAG BAJPAI)

Asstt. Inspector General of Forests