



#आयुष जिंदगी रहे खुश



Community Participation In Growing

MEDICINAL PLANTS

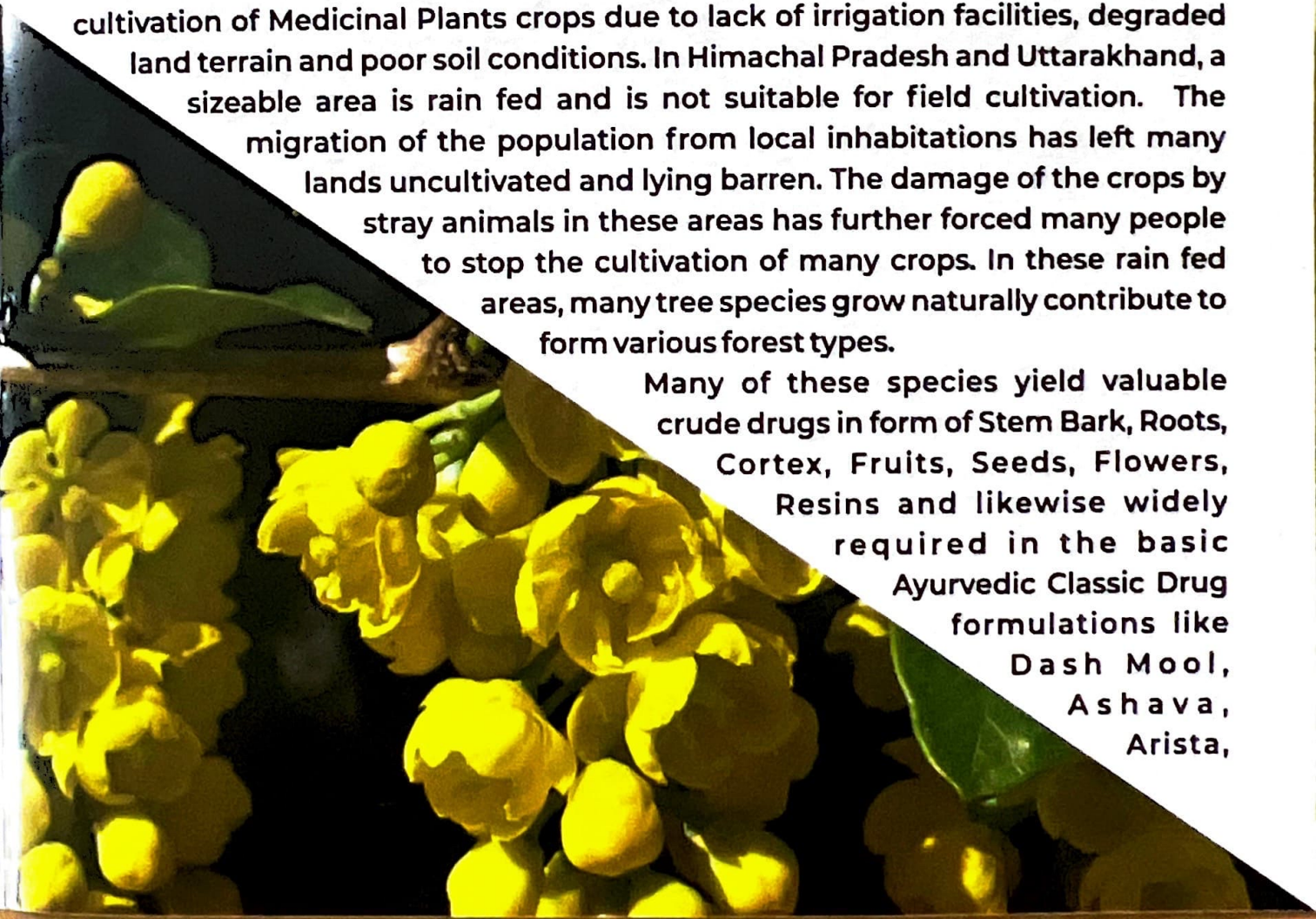
राष्ट्रीय औषधीय पादप बोर्ड, आयुष मंत्रालय, भारत सरकार
National Medicinal Plants Board, Ministry of AYUSH GOI

COMMUNITY PARTICIPATION ON PROMOTION OF MEDICINAL PLANT UNDER MNREGA PROGRAM

Regional Cum Facilitation Centre, North 1, NMPB (RCFC NR 1, NMPB), Research Institute in Indian Systems of Medicine, Jogindernagar, District Mandi, Himachal Pradesh is one of the Regional centers of the country functioning as a satellite center of National Medicinal Plants Board, Ministry of AYUSH, GOI to look after the promotion of Medicinal Plants sector in seven North Indian States UP, Uttarakhand, Punjab, Haryana, Chandigarh, Delhi and Himachal Pradesh. The main focus of the center is to promote the farmers for undertaking the cultivation of some selected Medicinal Plants As a group, these Northern States exhibit great variation in climate, altitude, latitude, topography and agro climatic conditions which has a great impact on its floristic bio- diversity including Medicinal and Aromatic Plants (MAPs). Uttar Pradesh, Punjab, Delhi and Haryana are a typical tropical in climate while Himachal, Uttarakhand and Chandigarh are Sub-Tropical to extreme temperate in their climatic conditions. In this way this region is highly enriched in its biodiversity of a large number of MAPs. For each of these states some tradable species of Medicinal plants have been identified for the commercial cultivation where farmers are undertaking the successful cultivation of these species.

During the field visits of these states, it has been observed that topography and soil conditions of some areas of these states are not suitable for conventional cultivation of Medicinal Plants crops due to lack of irrigation facilities, degraded land terrain and poor soil conditions. In Himachal Pradesh and Uttarakhand, a sizeable area is rain fed and is not suitable for field cultivation. The migration of the population from local inhabitations has left many lands uncultivated and lying barren. The damage of the crops by stray animals in these areas has further forced many people to stop the cultivation of many crops. In these rain fed areas, many tree species grow naturally contribute to form various forest types.

Many of these species yield valuable crude drugs in form of Stem Bark, Roots, Cortex, Fruits, Seeds, Flowers, Resins and likewise widely required in the basic Ayurvedic Classic Drug formulations like
Dash Mool,
Ashava,
Arista,





Decoctions etc. Globally a tremendous increase in the demand of Ayurvedic Herbal Drugs formulations has emerged and obviously the extraction of these crude drugs as stated above has also increased at the same pace.

On account of long gestation period to yield useable crude drugs, normally farmers are not attracted to cultivate many of these species resulting non availability of the quality genuine crude drugs in the market. For the production of efficacious high quality drug formulations, the sustained supply of the basic crude drugs must be ensured.

Although National Medicinal Plants Board has shortlisted many such perennial tree species for the adoption by the farmers to undertake the cultivation, still there is a wide scope of including many other such species for plantation to meet out the future demand of the crude drugs to the Industry. To motivate the farmers for the optimum use of the degraded unused land by planting the useful plants particularly Tree Medicinal Plants species, a policy decision has been taken where a MOU has been signed between Ministry of AYUSH and Ministry of Rural Development to undergo an agreement converging the MNREGA to promote the plantation of tree species of Medicinal Plants. For this purpose National Medicinal Board and Department of Rural Development, GOI have drawn joint guidelines vide Ministry of Rural Development, GOI letter No. L-13060/05/2020-21-RE-VII(e-371846) Dated 11-06-2020 for the implementation of the plantation programmed under MNREGA provisions. Agro climatic zone wise, a list of 64 Tree species of Medicinal plants has been identified under this program by NMPB for the different states.



On the basis of above and as per the local Agro climatic conditions prevailing in seven North Indian States under RCFC NR 1, NMPB, a list of the following species has been shortlisted for promoting the plantation under MNREGA program:

SUGGESTIVE LIST OF MEDICINAL TREE SPECIES UNDER MNREGA FOR STATES UNDER RCFC- NR1, NMPB, JOGINDERNAGAR, HP

- A. Zone Alpine/Temperate
 B. States Himalayan Region of Uttarakhand & Himachal Pradesh

Sr No	Botanical Name	Common/Local Name	Useable Part
1	<i>Abies pindrow</i>	Talispatra तलिस पत्र	Leaf Needle नुकिली पतियाँ
2	<i>Cedrus deodara</i>	Devdaru देवदारु	Oil, Stem तेल, तना
3	<i>Pinus longifolia</i>	Saral सरल	Resin राल
4	<i>Taxus baccata</i>	Rakhal रखाल	Leaf Needles नुकिली पतियाँ, छाल

- A. Zone Subtropical/Tropical
 B. States Parts of Uttarakhand, Himachal Pradesh & Punjab, UP, Haryana, Delhi and Chandigarh

Sr. No.	Botanical Name	Common / Local Name	Useable Part
1	<i>Acacia Arabica</i>	Babool बबूल	Leaves, Bark पतियाँ, छाल
2	<i>Acacia catechu</i>	Khadir खदिर	Bark, Extract छाल, सार
3	<i>Aegle marmelos</i>	Vilab विल्व	Fruit pulp, Roots, Leaves फलों का गूदा, जड़ें, पतियाँ
4	<i>Ailanthus excelsa</i>	Arlu अरलू	Leaves, Bark, Fruits पत्ते, छाल, फल
5	<i>Albezzia lebbek</i>	Sarish शरीष	BarkLeaves छाल, पतियाँ
6	<i>Azadirachta indica</i>	Nimb निंब	Bark, Leaves छाल, पत्ते
7	<i>Bauhinia variegata</i>		Bark, Flowers छाल, फूल

Sr. No.	Botanical Name	Common / Local Name	Useable Part
8	<i>Butea monosperma</i>	Palash पलाश	Fruit, Bark, Seeds, Seeds oil फल, छाल, बीज, बीज का तेल
9	<i>Cinnamomum camphora</i>	Kapur कपूर	Leaves, Extract पत्तियां, सार, तेल
10	<i>Cinnamomum tamala</i>	Patra पत्र	Leaves, Bark पत्तियां, छाल
11	<i>Dalbergia sissoo</i>	Shisham शीशम	Leaves पत्तियां
12	<i>Erythrina variegata</i>	Paribhadra पारिभद्र	Flowers, Bark Leaves फूल, छालपत्तियां
13	<i>Ficus benghalensis</i>	Vata वट	Bark, Roots, Fruits छाल, जड़ें, फल
14	<i>Ficus glomerata</i>	Udumbara ऊदंबर	Bark, Fruits छाल, फल
15	<i>Ficus lacor</i>	Plaksha पलाश	Bark, Roots छाल, जड़ें
16	<i>Ficus religiosa</i>	Asvattha अश्वत्थ	Bark, Roots छाल, जड़ें
17	<i>Gmelina arborea</i>	Gambhari गंभारी	Root, Bark जड़, छाल
18	<i>Madhuca longifolia</i>	Madhuka मधुक	Flowers, Fruits फूल, फल
19	<i>Mangifera indica</i>	Amar आम्र	Fruits, Bark, Leaves फल, छाल, पत्ते
20	<i>Melia azedarachta</i>	Neem नीम	Bark, Fruits, Leaves छाल, फल, पत्ते
21	<i>Mimusops elengi</i>	Bakul बकुल	Bark, Fruits छाल, फल
22	<i>Oroxylum indicum</i>	Syonaka श्योनाक	Fruits, Bark फल, छाल
23	<i>Phyllanthus embelica</i>	Amla आमला	Fruit Pulp फलों का गूदा
24	<i>Sapindus trifoliatus</i>	Arishtaka अरिष्टक	Pericarp फलछाल
25	<i>Saraca asoca</i>	Asok अशोक	Bark छाल
26	<i>Tamarindus indica</i>	Chincha चिंचा	Fruits फल
27	<i>Thespesia populnea</i>	Parisha पारीष	Leaf sap, Aerial Parts पत्तियों का रस, पौधों का बाह्यभाग
28	<i>Terminalia arjuna</i>	Arjun अर्जुन	Bark छाल
29	<i>Terminalia chebula</i>	Haritiki हरीतकी	Pericarp फल छाल
30	<i>Terminalia bellerica</i>	Bibhitak बिभीतक	Pericarp, Seeds फल छाल
31	<i>Wrightia tinctoria</i> Syn. <i>Holarheena antidysentrica</i>	Kutaz कुटज	Bark, Seeds छाल, बीज
32	<i>Zanthoxylum aramatum</i>	Tejval तेजवल	Fruits, Leaves, Tender branches फल, पत्ते, कोमल शाखाएं



TO KNOW MORE PLEASE CONTACT :

क्षेत्रीय निदेशक

**क्षेत्रीय एवं सुगमता केंद्र उत्तर भारतीय क्षेत्र-1 (आर सी एफ सी एन आर-1) एन एम पी बी
आयुर्वेद अनुसंधान संस्थान आयुष विभाग जोगिन्दरनगर-175015 (मंडी) हि.प्र.**

Regional Director

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