



Unnat Bharat Abhiyan Cell



Sardar Vallabhbhai National Institute of Technology, Surat

Presentation on Rehabilitation of Degraded Farm Land (RDFL) and Tree Plantation



Presentation created by

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Source:

**1) Forest Department, Government of Gujarat
Website Link: <https://forests.gujarat.gov.in/>**

2) Grow Native Green Forum, Surat



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Rehabilitation of Degraded Farm Land (RDFL)

- Under this scheme, private farmlands, especially those with medium to low productivity are selected for tree plantation in block or on the bunds.
- The area selected is usually up to 1ha per beneficiary who is usually a small or marginal farmer, or belonging to the scheduled Caste/ Scheduled Tribe category.



Rehabilitation of Degraded Farm Land (RDFL)

- The Department undertakes raising of plants, digging of pits and planting in the farm at its cost.
- If the beneficiary so wishes, he/ she can undertake pit digging themselves.
- However, the post plantation care of the plants is the responsibility of the beneficiary. For first three years, at the end of each year, survival link if is compensation is paid.
- The ownership of the trees is wholly with the beneficiary. This scheme, which has not only resulted in better efficiency of land use, but also has benefited the economically to the farmers.



Rehabilitation of Degraded Farm Land (RDFL)

- For taking registration in Rehabilitation of Degraded Farm Land Scheme, applicant farmer must be fill and submit online application or offline application through available range forest department at block level and at district level also.
- For more detail, visit the website of Forest Department, Link
<https://forests.gujarat.gov.in/schemes-details.htm>
- For any support: Contact to Range Forest Department (Block or Taluka Wise available in every Districts of Gujarat State) of Gujarat Government



1. Sapling that can be sowing in Pot



1: Tulsi

Botanical name: *Ocimum sanctum*

Gujarati name: Tulsi તુલસી

Use: Cough and Cold



2: Aloe

Botanical name: *Aloe barbadensis*

Gujarati name: Kunvarpathu કુંવરપાથું

Use: Diseases of Stomach and Skin



3: Ardusi

Botanical name: *Adhatoda vasica*

Gujarati name: Ardusi અરડૂસી

Use: Cough and Cold

.



4: Barmasi

Botanical name: *Catharanthus roseus*

Gujarati name: Barmasi બારમાસી

Use: Cancer cure



5: Chanothi

Botanical name: *Abrus precatorius*

Gujarati name: Chanothi ચણોઠી

Use: Mouth Ulser



6: Satavari

Botanical name: *Asparagus racemosus*

Gujarati name: Satavari શતભવરી

Use: Mother milk improvement,

Brain power improvement



7: Ashvagandha

Botanical name: *Withania somnifera*

Gujarati name: Ashvagandha અશ્વાગંધ

Use: Brain tonic, Power enhancement



8: Jivantika, Dodi

Botanical name:

Leptadenia reticulata

Gujarati name: Jivantika

જીવંતિકા Dodi ડોડી

Use: Eye disease



9: Giloy

Botanical name: *Tinospora cordifolia*

Gujarati name: Giloy ગિલોય

Use: Fever, Headache, Stomach, Diabetes,
Liver



10: Pankuti

Botanical name: *Bryophyllum pinnatum*

Gujarati name: Pankuti પાનકૂટી

Use: Kidney stone



11: Pudina / Mint

Botanical name: Mentha

Gujarati name: Pudino ડુદીનો

Use: Relieve Indigestion



Native Trees

- Native Plants are ecologically important plants. Native plants are the plants indigenous to the given area in the particular geological time.
- Once natured it do not requires lot of fertilizers, watering or care on the regular bases.
- Native trees are extremely beneficial to the environment and they are preferred to be grown in place of non-native plants.



Various Indian Native Trees

- *Ficus Benghalensis* (banyan)
- *Ficus religiosa* (Peepal)
- *Artocarpus hetrophyllus* (jackfruit)
- *Phyllanthus emblica* (indian gooseberry)
- *Mangifera indica* (mango)
- *Aegle marmelos* (bel)
- *Azadirachta Indica* (neem)
- *Mandhuca Longofolia* (Mahua)
- *Neolamarckia indica* (neem)
- *Mandhuca Longifolia* (mahua)
- *Neolamarckia cadamba* (kadamb)
- *Butea monosperma* (flame of forest)



2. Sapling that can be sowing at Front yard or Veranda



1: Saragavo (Native Tree)

Botanical name: Moringa

Gujarati name: Saragavo સરગવો

Use: Joint pain relief



2: Sitafal / Crusted Apple (Native tree)

Botanical name: *Annona reticulata*

Gujarati name: Sitafal સીતાફાલ

Use: Fruit rich of vitamins



3: Badam (Native tree)

Botanical name: Terminalia catappa

Gujarati name: Badam બદામ

Use: Fruit rich of vitamins



4: Jambun (Native tree)

Botanical name: *Syzygium cumini*

Gujarati name: Jambuda જાંબુડા

Use: Fruit rich of vitamins



5: Guava (Native tree)

Botanical name: *Psidium guajava*

Gujarati name: Jamarukh જામરુખ

Use: Fruit rich of vitamins



6: Mango (Native tree)

Botanical name: *Mangifera indica*

Gujarati name: Keri કેરી

Use: Fruit rich of vitamins



7: Lemmon

Botanical name: Citrus × limon

Gujarati name: Limbu લીમુ

Use: Fruit rich of vitamin C



8: Amala (Native Tree)

Botanical name: *Phyllanthus emblica*

Gujarati name: Amala અમલ

Use: Fruit rich of vitamin C



9: Seturi (Native Tree)

Botanical name: *Morus Nigra*

Gujarati name: Setudi સેતુડી

Use: Fruit rich of vitamin C



10: Bael (Native Tree)

Botanical name: *Aegle Marmelos*

Gujarati name: Bael બેલ

Use: Medicinal Plant for Somach Pain



11: Harade

Botanical name: *Aegle Marmelos*

Gujarati name: Harade હરડે

Use: Medicinal Plant for Stomach pain



12: Garmalo (Native Tree)

Botanical name: Cassia Fistula

Gujarati name: Garmalo ગરમાળો

Use: Medicinal Plant for Stomach pain



13: Guggul

Botanical name: *Commiphora wightii*

Gujarati name: Gugal ગુગલ

Use: Relief in joint pain



14: Sita Ashoka

Botanical name: *Saraca asoca*

Gujarati name: Sita Ashoka સીતા અશોકા

Use: Pleasant and joy giving tree



3. Sapling that can be sowing at open space



1: Vad (Banyan Tree) (Native Tree)

Botanical name: *Ficus benghalensis*

Gujarati name: Vad વડ

Use: Native tree



2: Pipal (Native Tree)

Botanical name: *Ficus religiosa*

Gujarati name: Pipalo પીપલ

Use: Native tree



3: Gunda (Native Tree)

Botanical name: *Cordia dichotoma*

Gujarati name: Gunda ગુંદા

Use: Native tree



4: Khatti Imli

Botanical name: *Tamarindus indica*

Gujarati name: Khati Amali ખાટી અંબલી

Use: Native tree



5: Karanj (Native Tree)

Botanical name: *Millettia pinnata*

Gujarati name: Karanj કારંજ

Use: Teeth disease and hair fall repair

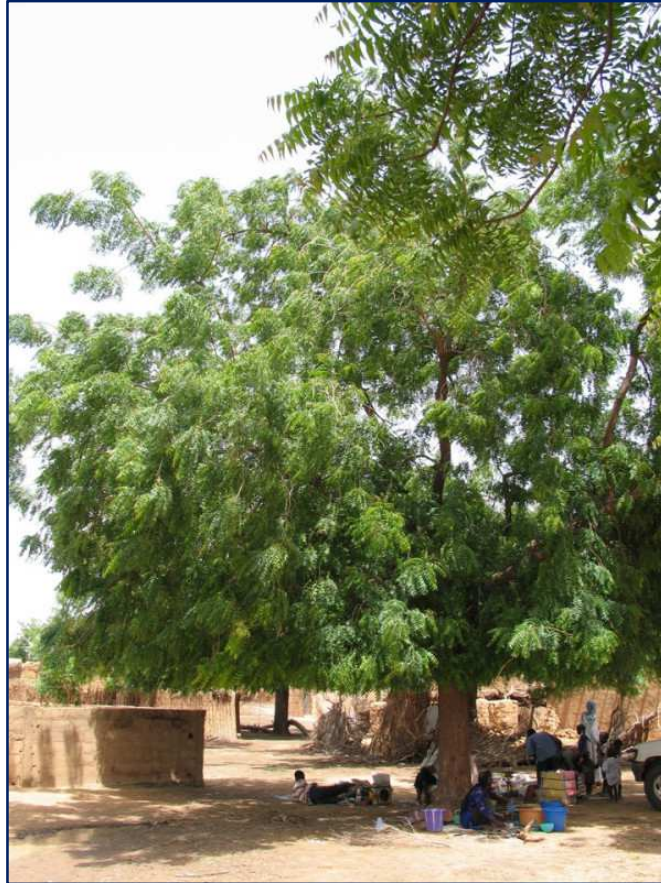


6: Neem

Botanical name: *Azadirachta indica*

Gujarati name: Limado લીમડો

Use: As a tooth brush, Fever and body pain



7: Sweat Neem (Native Tree)

Botanical name: *Murraya koenigii* L

Gujarati name: Mitho Limado મીઠો લીમડો

Use: Remove cholesterol



8: Goras Amali (Native Tree)

Botanical name: *Pithecellobium dulce*

Gujarati name: Goras Amali ગોરસ આંબલી

Use: Energy booster and favourite for birds



9: Borsali / Spanish Cherry (Native Tree)

Botanical name: *Mimusops elengi*

Gujarati name: Borsali બોરસલી

Use: Tooth paste and favourite for birds



10: Mahua (Native Tree)

Botanical name: *Madhuca longifolia*

Gujarati name: Mahudo મહુડો

Use: Energy booster and T.B. Cure



11: Kadamb (Native Tree)

Botanical name: *Neolamarckia cadamba*

Gujarati name: Kadamb

Use: Digestive disturbances, Parasitic infection, High cholesterol and triglycerides



12: Jackfruit (Native Tree)

Botanical name: *Artocarpus heterophyllus*

Gujarati name: *Fanas* ફાનસ, Jackfruit

Use: Curing Mental Stress, Skin Diseases, Prevents Anaemia, Healthy Hair and Good Eyesight, Prevents Indigestion



13: Palash (Native Tree)

Botanical name: *Butea monosperma*

Gujarati name: Palash પાલશ

Use: Kidney stone disease



14: Elephant apple tree (Native Tree)

Botanical name: *Dillenia indica*

Gujarati name: Elephant apple એલીફન્ટ એપલ

Use: The bruised bark is used as a cataplasm in arthritis.



Taluka (Block) wise contact details of Range Forest Offices, Surat District

(In each District of Gujarat State, there is Taluka (Tehsil / Block) wise Range Forest Offices available)

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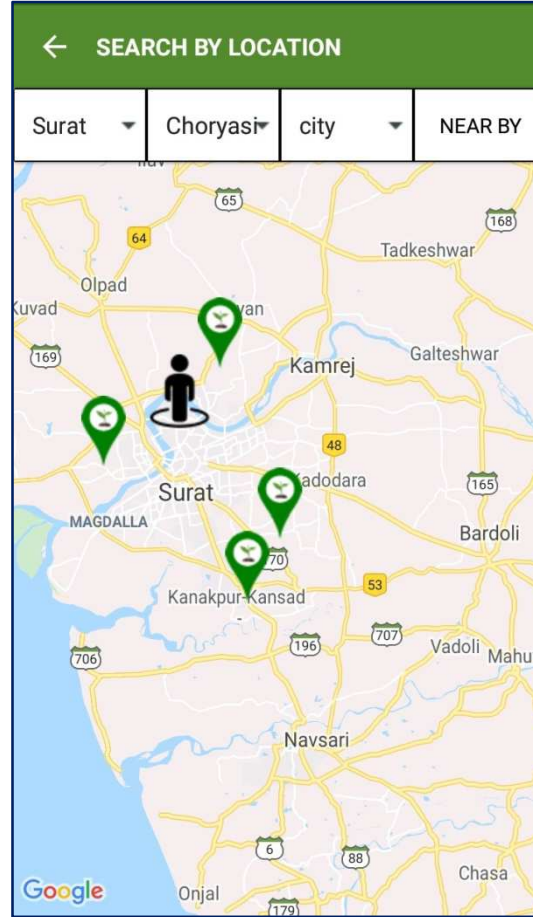
સામાજીક વનીકરણ વિભાગ, સુરત જિલ્લાની કચેરી તથા તાલુકા રેંજ કચેરીઓના સરનામા

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૧)	નાયબ વન સંરક્ષકશ્રી	શ્રી જે. એચ. રાઠોડ	૦૨૬૧-૨૭૩૩૮૩૧	૦૨૬૧-૨૬૬૭૨૬૫
૨)	મ.વ.સં.શ્રી, સા.વ.યો., સુરત.	શ્રી એમ. એસ. કટારા	૦૨૬૧-૨૭૩૩૮૩૧	

વૃક્ષો જનન કરો.

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૧)	પરિક્ષેત્ર વન અધિકારી ચોર્યાસી	પરિક્ષેત્ર વન અધિકારીની કચેરી-બ્લોક એ, આઠમો માળ, બહુમાળી, નાનપુરા, સુરત.	ચોર્યાસી તા.	૦૨૬૧-૨૪૬૫૪૨૭
૨)	પરિક્ષેત્ર વન અધિકારી ઓલપાડ	તાની બાજુમાં, કીમ રોડ, ઓલપાડ.	ઓલપાડ તા.	૦૨૬૨૧-૨૨૨૧૨૮
૩)	પરિક્ષેત્ર વન અધિકારી કામરેજ	નવસર્જન સોસા. સામે, કામરેજ ચાર રસ્તા, કામરેજ	કામરેજ તા.	૦૨૬૨૧-૨૫૧૭૦૨
૪)	પરિક્ષેત્ર વન અધિકારી પલસાણા	નહેર કોલોની, પલસાણા.	પલસાણા તા.	૦૨૬૨૨-૨૬૪૨૯૪
૫)	પરિક્ષેત્ર વન અધિકારી બારડોલી	મુ. તેન, પો. જીઆઈડીસી, સુરત. ધુલીયા રોડ, બારડોલી	બારડોલી તા.	૦૨૬૨૨-૨૨૦૯૮૪
૬)	પરિક્ષેત્ર વન અધિકારી મહુવા	ચાલીસ ગાળા કરચેલીયા, તા. મહુવા	મહુવા તા.	૦૨૬૨૫-૨૫૬૫૮૪
૭)	પરિક્ષેત્ર વન અધિકારી માંડવી	“વન દર્પણ” કોલોની, બસ ડેપોની પાછળ, માંડવી.	માંડવી તા.	૦૨૬૨૩-૨૨૧૧૮૭
૮)	પરિક્ષેત્ર વન અધિકારી માંગરોળ	ભરડીયા જીન પાસે, માંગરોળ, મુ. પો. મોસાલી.	માંગરોળ તા.	૦૨૬૨૯-૨૨૦૨૬૭

Green Gujarat App



Download Link:

<https://play.google.com/store/apps/details?id=in.direct2web.GreenGujarat&hl=en> IN



Step by Step guide for free plantation

Step 1: Make a list of trees growing in your village / region.

Step 2: Visit the Taluka (Block) Level Range Forest Officer's Office corresponding to your village

Step 3: Take the form of free saplings (if available), fill it and submit it to the range forest officer

Step 4: The Range Forest Officer will indicate the number of free seedlings for the best and nearest nursery and special plants available in the nursery for your village. (List is also available on “Green Gujarat” app)

Step 5: Collect free seedlings available in the nursery

Step 6: Arrange the required organic fertilizer. (Available from nearby Farmers / Gau Shala / Panjrapol in your area)

Step 7: Arrange the tools for excavation and determine the right place for planting.

Step 8: Plant trees with the help of villagers and farmers and pledge to take care and nurture the planted plants like your children.

CONTACT INFORMATION

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THANK YOU

UNNAT HO !!!

