

## No Non-native trees in “Mass Plantations” ! Do select only Natives !!

By, oikos team, Pune | [www.oikos.in](http://www.oikos.in)

It is heartening to see the rise in popularity of tree plantations ! Moreover, there is a growing consensus on planting native trees. Unfortunately, there are several lists of trees floating on social media, no doubt with good intentions, but listing non-native trees in their recommendations.

Here is a **compilation of commonly used NON-NATIVE plants that should NOT be planted** in greening, mass plantation, forestation or conservation drives. We list out the commonly preferred non-natives and there could be some more additions to this list.

### TREES / वृक्ष :

No.	Local or Hindi name	Scientific name
1.	Austrailian Babhul	<i>Acacia auriculiformis</i>
2.	Mangium	<i>Acacia mangium</i>
3.	Gorakh Chinch	<i>Adansonia digitata</i>
4.	Paper Mulberry	<i>Broussonetia papyrifera</i>
5.	Shankasur	<i>Caesalpinia pulcherrima</i>
6.	Bottle Brush	<i>Callistemon citrinus</i>
7.	Bitti	<i>Cascabella thevetia</i>
8.	Gulabi Bahava	<i>Cassia renigera</i>
9.	Red Cassia	<i>Cassia roxburghii</i>
10.	Suru	<i>Casuarina equisetifolia</i>
11.	Pandhri Sawar	<i>Ceiba pentandra</i>
12.	Scarlet Cordia	<i>Cordia sebestena</i>
13.	Kailaspati	<i>Couroupita guianensis</i>
14.	Gulmohor	<i>Delonix regia</i>
15.	Nilgiri	<i>Eucalyptus spp.</i>
16.	Fern Tree	<i>Filicium decipiens</i>
17.	Giripushpa	<i>Gliricidia sepium</i>
18.	Silver Oak	<i>Grevillea robusta</i>
19.	Neelmohor	<i>Jacaranda mimosifolia</i>
20.	Khaya	<i>Khaya grandifoliola</i>
21.	Brahmadand	<i>Kigelia africana</i>
22.	Subabhul	<i>Leucaena latisiliqua</i>
23.	Markhamia	<i>Markhamia platycalyx</i>
24.	Buch	<i>Millingtonia hortensia</i>
25.	Singapore Cherry	<i>Muntingia calabura</i>
26.	Chenduphal	<i>Parkia biglandulosa</i>
27.	Copper Pod	<i>Peltophorum pterocarpum</i>
28.	Vilayati Chinch	<i>Pithecellobium dulce</i>
29.	Chapha	<i>Plumeria spp</i>
30.	Raintree	<i>Samanea saman</i>

31.	Kashid	<i>Senna siamea</i>
32.	Senna	<i>Senna spectabilis</i>
33.	Laxmitaru	<i>Simarouba glauca</i>
34.	African tulip	<i>Spathodea companulata</i>
35.	Mahogany	<i>Sweitenia mahagoni</i>
36.	Tabebuia	<i>Tabebuia spp</i>
37.	Tecoma	<i>Tecoma stans</i>
38.	Indian almond / Badam	<i>Terminalia catappa</i>
39.	Madagascar Badam	<i>Terminalia mantaly</i>

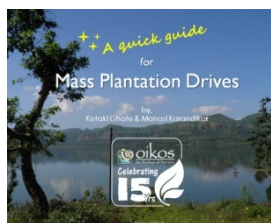
### SHRUBS / झुडूपं:

Jatropha (*Jatropha panduraefolia*), Duranta (*Duranta repens*), Stachyterphata (*Stachyterphata indica*), Jaswand (*Hibiscus rosa-sinensis*), Chinese Ixora (*Ixora chinensis*), Cape Jasmine/ Ananta (*Gardenia jasminoides*), Kanher (*Nerium oleander*), Chitrak (*Plumbago capensis*), Raat rani (*Cestrum nocturnum*), Fire Bush (*Hamelia patens*), Copper Plant (*Euphorbia cotinifolia*), Mussaenda (*Mussaenda erythrophylla*), Powder Puff (*Calliandra haematocephala*), Tagar (*Tabernaemontana divaricata*), Dracaena (*Dracaena fragrans*).

**Please avoid all these plants in greening drives !!!**

**While some trees in this list are good for agriculture, gardens and parks or as avenue trees, but they are surely not suitable for forests, hills, conservation, restoration drives !!**

Let's be cautious about where to plant which species.



**Native Plants Lists and Guidelines for plantations are available at -**

<http://www.oikos.in/html/publications.html>

\* These lists are mainly for Maharashtra, but many of those can be selected for other states looking at the rainfall in the region.

## Natives for India

Here is a 'quick fix' list generally for entire India *except for deserts and high elevations in Himalaya*.

But even before following the list, it is suggested that one should follow the steps to select right plants for their own area :

- I. **Follow general guideline** given on above webpage named "**Plantation Guideline**"
- II. **Look for existing flora** around the land where you wish to do plantations
- III. Check which of the following plants are existing and select only those + few others
- IV. You can send us mail at [team@oikos.in](mailto:team@oikos.in) to confirm the plants or to know the right plants

## Native Plant list

No.	Local or Hindi name	Scientific name
1.	Saras / सरस	<i>Albizia lebbek</i>
2.	Dhaura / धौरा	<i>Anogeissus latifolia</i>
3.	Neem / नीम	<i>Azadirachta indica</i>
4.	Aashta / आष्टा	<i>Bauhinia racemosa</i>
5.	Semal / सेमल	<i>Bombax malabaricum</i>
6.	Chironji / चिरौंजी chironji	<i>Buchanania lanzan</i>
7.	Palash / पलाश	<i>Butea monosperma</i>
8.	Kumbhi / कुम्भी	<i>Careya arborea</i>
9.	Amaltas / अमलतास	<i>Cassia fistula</i>
10.	Lasora / लसोड़ा	<i>Cordia myxa</i>
11.	Sheesham / शीशम	<i>Dalbergia sissoo</i>
12.	Amla / आमला	<i>Emblica officinalis</i>
13.	Hadua / हदुआ	<i>Erythrina suberosa</i>
14.	Bargad / बरगद	<i>Ficus benghalensis</i>
15.	Kamarup / कामरूप	<i>Ficus microcarpa</i>
16.	Goolar / गूलर	<i>Ficus racemosa</i>
17.	Peepal / पीपल	<i>Ficus religiosa</i>
18.	Khamer / खमेर	<i>Gmelina arborea</i>
19.	Haldu / हलदु	<i>Haldina cordifolia</i>
20.	Chilbil / चिलबिल	<i>Holoptelea integrifolia</i>
21.	Aam / आम	<i>Mangifera indica</i>
22.	Karanj / करंज	<i>Pongamia pinnata</i>
23.	Sagun / सगुन	<i>Tectona grandis</i>
24.	Bahera / बहेड़ा	<i>Terminalia belirica</i>
25.	Saaj / साज	<i>Terminalia elliptica</i>