



॥वृक्षो रक्षति रक्षितः॥

Important Fodder Trees *with therapeutic qualities*



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It is the age old culture to consider trees as medicine, fodder for livestock during draught, summer season and also when green fodder are hard to find.

From tireless research and numerous hours spent with pioneers from different villages and tribes of south Indian forests on this subject, I have come up with a program which can help today's farmers to maintain both agricultural alongside with livestock activities.

The most important asset for any farmer is his hard grown crop and health of his livestock.

Balancing these two has always been a tough task and farmers usually give up and look for other alternatives which always has led to more complications.

Some of the below details on fodder trees briefly explain how with proper planning, farming and livestock maintenance becomes easy and sustainable for a long time.

I have provided only 10% of the uses just to showcase the true value of trees in Ayurveda.

**Caution! Usage of leaves and fruits from trees are always a right choice.**

**But when using them as medicines with series of combinations, it should only be administered with guidance from experienced practitioners as it is risky and easy on how it can turn into medical emergencies.**

| Sr No | Common / English Name  | Scientific name       | Medicinal quality  |
|-------|--|-----------------------|--|
| 1     | Subabool     | Leucaena leucocephala | helps to increase milk production in both the humid and the monsoonal tropics  |
| 2     | Gliricidia  | Gliricidia sepium     | <b>Gliricidia sepium</b> can replace 15 % of green fodder in lactating crossbred cows without affecting milk yield and its composition |

3

Ardu



*Alianthus excelsa*

**use** the plant for antifertility, anthelmintic and rejuvenating purpose.

The juice of the leaves and fresh bark is **used** as a remedy for after-pains

4

Agasthi



*Sesbania grandiflora*

**nutritional value** and able to increase milk production by. 30%

used for sprains, bruises, swellings, rheumatism, itching, diarrhoea, colic, dysentery, diabetes, fever, sinus congestion, and malaria

5

Shevri



*Sesbania sesban*

used as purgative,  
demulcent, maturant,  
anthelmintic and for all  
pains and inflammation

6

Khejri



*Prosopis cineraria*

The bark, considered  
anthelmintic, tonic &  
refrigerant, can be **used** to  
treat a variety of other  
ailments such as respiratory  
disorders, dysentery, skin  
disorders, muscle tremors.

7

Mahua



**Bassia latifolia - Flower**

Anti-inflammatory, anti-ulcer, and hypoglycemic activity

Anti-hyperglycaemic, antioxidant, Antibacterial, anti-diabetic activity, Rheumatism, bleeding and spongy gums, ulcer and tonsillitis and Itch, swelling, fractures and snake-bite poisoning

8

Babul



**Acacia Nilotica**

The various pharmacological activities are anti-inflammatory, analgesic, antibacterial, ant cancerous, antidiabetic and antihypertensive **properties**

9

Neem



*Azadirachta indica*

eye disorders, bloody nose, intestinal worms, stomach upset, loss of appetite, **skin** ulcers, diseases of the heart and blood vessels (cardiovascular disease), fever, diabetes, gum disease (gingivitis), and liver problems. The leaf is also used for birth control and to cause abortions.

10

Kachnar



*Bauhinia variegata*

dysentery, diarrhoea, haemorrhoids, piles, oedema, laxative, anti-helminthic, astringent, anti-leprotic, wound healing, anti-goitrogenic, anti-tumour, antidote for snake poisoning, dyspepsia and carminative disease

11

Safed siris



*Albizia procera*

**used** in traditional medicines such as spermicidal activity, rheumatism, ulcers, hemorrhages and useful in treating problems of pregnancy and for stomach-ache

12

Lallei



*Albizia amara*

**used** to cure mastitis, and mites and ticks infestations

13

Siris



*Albizia lebeck*

used by some cultures to treat boils, cough, to treat the eye, flu, gingivitis, lung problems, pectoral problems, as a tonic, and to treat abdominal tumors. The bark is **used** medicinally to treat inflammation

14

Shisham



*Dalbergia sissoo*

used for the treatment of **obesity**, vitiligo, **fever**, non healing **wounds**, **ulcers**, intestinal parasites

15

Mulberry



*Morus alba*

**used for** the treatment of dizziness, insomnia, premature aging, and DM2. They also have a protective effect against atherosclerosis, liver and kidney disorders, and inflammation

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Wild  
Mulberry



*Morus laevigata*

they contain some compound which suppress high blood sugar levels and as antioxidants

17

Drum stick



*Moringa oleifera*

Used to treat some stomach disorders, such as constipation, gastritis, and ulcerative colitis. The antibiotic and antibacterial properties of **moringa** may help inhibit the growth of various pathogens, and its high vitamin B content helps with digestion.

18

Kikar



*Prosopis chilensis*

The various parts of Kikar are useful in Diarrhea. The **leaves** and the bark are useful in arresting secretion or bleeding

19

Ber



Ziziphus mauritiana

**used** for improving muscular strength and weight, for preventing liver and bladder diseases and stress ulcers, and as a sedative. It is also **used** to reduce constipation and to reduce symptoms of some medications

20

Ankol



Alangium salvifolium

Improvement in milk yield & fat%. It is effective in rat, snake , dog and spider bites. Good for liver detoxification. Fruits are very good and give better results in case of impotency and male reproductive system problems. It is sometime used to relieve headache.

21

Noni



*Morinda tomentosa*

Improves milk yield

22

Maytenus



*Maytenus emerginata*

Improves fat % in milk

23

Giloe



*Tinosperma cordifolia*

Improves milk production

24

Red Creeper



*Ventilago denticulata*

Improves milk production

25

Miswak



*Salvadora persica*

tonic to the liver useful in ozoena and other nose troubles, as an antidote to poison of all sorts fruits have a good effect on snake bite. Also used as an ascarifuge and in gastric troubles

26

Bada Peelu



*Salvadora oleoides*

to cure enlarged spleen and rheumatic fever, to reduce body temperature. Used for treatment of Calculi, constipation, indigestion and stomatitis Cooling effect

27

Kendu



*Diospyros melanoxylon*

**used** as styptic, in the treatment of scabies and old wounds, and as laxative and carminative medicine. Kendu fruit also helps in stomach disorders. The dried fruit powder is **used** as carminative and astringent agent and is useful in treating urinary, skin and blood diseases

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Virataru



*Dichrostachys cinerea*

root juice is used to treat paralysis and root extracts are applied against renal troubles including kidney stones, diseases of vagina and uterus, and painful joints

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Axel wood



*Anogeissus latifolia*

bark is effective in anemic conditions and urinary discharges, piles, stem bark is useful in diarrhea, dysuria, cough, colic, liver complaints, snakebite and skin diseases. use the gum with a cup of water or milk during early morning for lactation

These are the very few gifted trees out of thousands of other trees mother nature has with amazing medicinal qualities which are best to use as fodder for dairy cows and any herbivorous animals for their health and treatment.

My “Go Shaala Samrakshana Vedike” is a venture where Go Shaalas from all over India can avail services as follows:

- 1. Farm Survey:** Look for available medicinal plants and trees which will be marked and noted in data base against each farm and to make best use whenever required.
- 2. Seed sowing:** From over 100+ plants and trees will be suggested to be grown in farms as per geological conditions. Seeds can be provided for sowing.
- 3. Landscaping:** Very important to ensure maximum utilization of the land for maximum productivity in both agriculture and rearing livestock. This includes providing all elements like water, sunrays and fresh air from open pasture during grazing, simple yet effective shelter designs, kinder gardens, agricultural plot designs, rain water harvesting plans, vermi-compost unit, gober gas unit and so on, where everything is utilized to its maximum and nothing goes as waste in the farm.
- 4. Ayurveda in diet:** The animals will be assessed for their overall health conditions and feeding procedures. Depending on the assessment results and farmer’s feedback, diet chart will be carefully designed where available herbs and medicinal plants will be included. We always promote the concept of ‘precaution is better than cure’. Diet determines 90% of animal’s health and should always be considered as priority.
- 5. Silage production unit:** Less expensive and state of the art unit can be installed where every go shaala can produce their own silage and provide unaltered, safe, balanced yet highly nutritional food all year round.
- 6. Medical help:** Review and assessment results will be safely stored in data base, based on which medical help can be availed anytime from anywhere. We will suggest the right Ayurvedic treatment procedures through voice or video calls, sharing documents with step by step guidelines and visit if necessary. Farmers themselves can attend to any kind of animal health issues immediately from their own trees in farm.

*॥ Sarve Santu niramayaha ॥... The word meaning of this phrase is” May all be free from illness/ disease”*

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