

Published on: 1st May 2012



INDIGENOUS HERBAL REMEDIES AGAINST STOMACH DISORDER FROM JALGAON DISTRICT (M.S.) INDIA

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ABSTRACT:

The result of ethnobotanical forays in Jalgaon District(M.S.) are communicated in this work. The information is collected for 23 species belonging to 17 Angiospermic families from the aborigines like Bhil, Pawara, Vanjara, Tadvi etc. beside to rural populace of the said region. The different stomach disorder prevalent in the region are cured and controlled by formulations such as juice extract, powder, paste, oil, latex etc. The various plant parts are used for their preparation either as sole or in combination. Detail investigation on modern scientific line is necessary which might prove these plants to be lifesaving drug plant for cure and relief of stomach disorder.

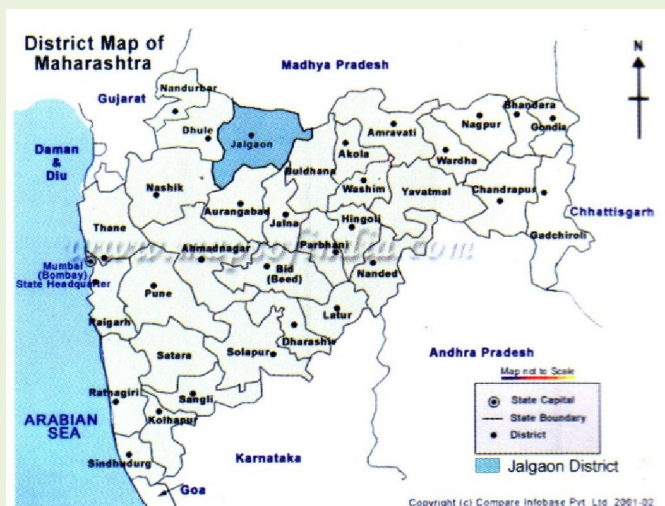
KEY WORD: *Indigenous remedies, stomach disorder Jalgaon District.*

INTRODUCTION:

Jalgaon District is inhabited by large section of rural population apart from the original aboriginal populace. The Bhil, Pawara, Tadavi and Vanjara are mostly forest Dwellers tribal. Majority of the people are agrarian and there are sustained through agriculture and supplemented by forest product.

Organized study and research in Indian ethnobotany with emphasis on tribal system of medicine and culture are of recent origin. E. K. Janaki Amal 1978, and S. K. Jain 1967-1991, popularized ethnobotany in India.

In late 60s S. K. Jain initiated ethnobotanical research on central Indian tribes. Some other important publications on the subject are those of Arora and Panday 1996, Pal 1973, Tarafdar 1983-1984 etc.



Map II: Showing Jalgaon District in Maharashtra

STUDY AREA:

Jalgaon District lies between, 200 and 210 North latitude 740 ,55 and 760,28' East longitude on the northern border of the state of Maharashtra. The Satpura Mountain extends along Northern border, whereas the off-shoots of Western Ghats (Sahyadris) extend in the eastern direction. These harbor mainly dry deciduous forest and the aborigines, viz. Bhill, Pawara, Tadvi and Vanjara inhabit the area apart from rural populace.

ENUMERATION:**1. *Ablemoschos manihot* (L.) (Malvaceae) Ran Bhendi**

Use- Spoonful of root powder is taken with honey daily for three days. After 10 to 15 minutes patient is advice to drink water to control stomach complaints.

2. *Abrus precatorius* L.(Papilionaceae) GarjCharmtad

Use-An half seed pounded in spoonful of honey is given to infant stomach disorder.

3. *Acacia nilotica* Wild.(ex-Del.sub sp. *Indica* Brenan)Mimosaceae, Bhabul

Use-stem bark powder is consumed once a day as remedy against stomach cure.

4. *Argemone mexicana* (Papaveraceae) VilayatiDhotra

Use-Root are consider useful in stomach are two spoons of extract is advised once a day till cure.

5. *Azadirachtea indica* A.Just(Meliaceae)Kadu-neem

Use-Decoction of inner bank of stem about 20ml is drunk as remedy against stomach completes.

6. *Cissampelos pareiral var. hirsute*(Menispermaceae) Harandodi

Use- Juice of leaves about half cup is given twice a day for gastric troubles.

7. *Caesalpinia bonduc* (L)Roxb (Papilionaceae) Sagarota

Use-About 50gm of pulp of young green vin 25gm of jiggery and pinch of lime powder mixed and small tablets are prepared. A small tablet twice a day is advised for stomachache for three days.

8. *Cassia fistula* L.(Caesalpinaceae) Bawa, Bahava Ramdanda

Use- Fruit is rubbed in mothers milk, half spoon of it is administered to a kid orally for a day flatulence in colic

9. *Calatropis gigantean* (L.)R.Br (Asclepiadaceae) Sated rui, Mhatrirui

Use- 1) Flowers and roots in equal amount on mixed in oil or ghee and consumed twice a day for intestinal disorders.

2)Infusion of seed about spoonful is given of morning for three days to treat stomach ache.

10. *Capsium annum*L (Solanaceae)Mirchi

Use-Half spoon of seed paste is consumed only once with jiggery to cure stomach ache

11. *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) Kadu-indrayan, Jangali tarbooj

Use-Seed powder is mixed in cow ghee and tablets are prepared from it two tablets twice perday cure stomach swelling and ache. These are advised till cure.

12. *Cordia dichotoma* Forst .F. (Boraginaceae) Bhokar

Use- Fruits are eaten row at morning and evening to cure stomach ache

13. *Corchorus trilocularis* L.(Tiliaceae)Chukanda

Use-Extract of two or three seeds is prepared in mother's milk &given orally to children for stomach ache.

14. *Crihumde fixum* Ker. Gawl. (Amaryllidaceae) Pankanda

Use – Paste of roasted bulb about one spoonful per day is prescribed for flatulence till cure.

15. *Desmodium gangeticum*(L)Dc (Papilinaceae) Salparni

Use-Roots are boiled in milk a half cup of it is administered for seven days or even more for flatulence.

16. *Euphorbia nerifolia* L. (Euphorbiaceae) Sabar

Use–Letex is homogenized in mothers milk Half spoon at night for three days is given to baby orally for stomach ache.

17. *Helicters isora* L. (Sterculiaceae) Murad Sheng

Use-stem is pounded in water. A spoonful of it is administered to children for flatulence only once a day till cure.

18. *Hygrophila schulli* (Buch-ham) M.R.& S.M. Almeida (Acanthaceae) Talimlhana

Use-Half cup of decoction of leaves is administered for stomach ache till cure.

19. *Ipomoea aquatica*Forsk,(Convolvulaceae) Naipal, Nai

Use-Infusion of leaves,about half cupis drunk twice daily to cure stomach disorder

20. *Occimum gratissimum* L.(Lamiaceae) Jangalitulsi

Use-Deciction of leaves,about two spoonfulsis taken twice a day for a week for stomachache.

21. *Rivea hypocrateriformis* (Desr) Choisy (Convolvulaceae) Fangola

Use-1) Paste of root is applied on belly to reduce inflammation of abdominal region.
2)Paste of leaves is applied on abdomen for stomach ache.

22. *Sterculia urens* Roxb. (Sterculaceae) Kadhahi

Use-Twenty gm of gum mixed in a cup of water and drunk at morning only for flatulence for three days.

23. *Stylosanthes fruticosa* (Rete) Alst (Fabaceae) Stylograss

Use-Decotion of leaves,about a cup, is taken twice aday for stomach completes till cure.

24. *Tylophora dalzellii* Hook. f. (Asclepiadaceae) Motivel

Use-A spoonful leaf extract with mothers milk is given to kids for three day in case of abdominal swelling.

25. *Santalum album* L. (Santaceae) Chandan

Use-Half cup of decoction of wood is drunk with honey and boil rice water once a day regular to cure flatulence.

METHODOLOGY:

The district was surveyed during 1997 to 2004 ethno botanically. The information was collected by interviewing elder tribal rural headman's medicine men and old women. Each claim was verified repeatedly. The plant collected has been housed in Herbarium of Pratap College, Amalner. They have been identified using various district and regional floras. Such as Patil (2003), Naik (1998), Cooke (1958). The data so accrued is compared with the classical literature by Ambasta (1986), Anonymous (1948 to 1976), Wath (1889 to 1895) and Jain (1991) to point out unknown uses asterisked in the enumeration.

DISCUSSION-

An attempt has been made to collect the information regarding traditional knowledge of herbal medicine which is used for stomach disorder. A total of species have been discussed in this paper. Out of these 20 species are less known or unknown in classical literature. Regional survey of field trip have revealed that many of these valuable plants are under threat and depletion very fast owing to rampant destruction of forest, shifting cultivation forest fire, over exploitation of plant resources in this region. So there is an urgent need to conservation and protection of biodiversity including wealth of medicinal plants from the region.

ACKNOWLEDGEMENTS:

Author is thankful to Principal, Pratap College, Amalner for providing necessary facilities and inspiration.

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