



Uses of Plants as source of Fuel & Fodder in Shahbad Tehsil in Baran District (Raj.)

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ABSTRACT:

Baran district, located in Rajasthan is inhabited by several tribes, including Saharia, Bhil, Meena etc. An account of 60 plant species which are used as fuel and 27 plant trees species which are used as fodder by the tribals of Baran is provided in this paper.

Keywords: Fuel, Fodder, Plants, Baran

More than fifty plants specific are known which are harvested as sources of fodder for cattle. Cow, buffalo, goat and donkey are few common animals which are kept by Saharia people of the area. The major fodder sources are annual and perennial grasses, sedges or herbs, shrubs and trees. Saharia people collect and store the dried clumps and leaves of almost all the crops after harvesting the crops. Legumes like *Medicago sativa* and *Hordeum vulgare*, *Trifolium alenandrium* are also grown for fodder purpose. During the present investigation it was reported that the following plant species are used as fodder by tribal of this district :-

S.No.	Name of Plant	Useful plant part
1	<i>Acacia catechu</i> L.F.	Green leaves
2	<i>Acacia leucophloea</i> Roxb.	Green leaves and Pods
3	<i>Acacia nilotica</i> subsp. <i>Indica</i> Benth.	Young twig and Pods
4	<i>Aegle marmelos</i> Linn.	Green leaves
5	<i>Ailanthus excelsa</i> Roxb.	Green leaves
6	<i>Albizia lebbeck</i> Linn.	Green leaves and Pods
7	<i>Anogeissus pendula</i> Edgew.	Green leaves and dried leaves
8	<i>Anogeissus latifolia</i> Roxb.	Green leaves
9	<i>Azadirachta indica</i> A. Juss.	Green leaves
10	<i>Balanites aegyptiaca</i> Linn.	Green leaves and fruits
11	<i>Bauhinia variegata</i> Linn.	Green leaves
12	<i>Boswellia serrata</i> Roxb.	Green leaves
13	<i>Butea monosperma</i> lam.	Green leaves
14	<i>Capparis deciduas</i> Forsk.	Fresh twig
15	<i>Cassia fistula</i> Linn.	Green leaves
16	<i>Cassia siamea</i> Lam.	Green leaves
17	<i>Dalbergia sissoo</i> Roxb.	Green leaves
18	<i>Delonix regia</i> Bojer.	Green leaves
19	<i>Diospyros melanoxylon</i> Roxb.	Young leaves and fruits
20	<i>Ficus benghalensis</i> Linn.	Young leaves and fruits
21	<i>Ficus religiosa</i> Linn.	Green leaves
22	<i>Holoptelea integrifolia</i> Roxb.	Green leaves
23	<i>Leucas cephalotes</i> Koen. Ex. Roth.	Green leaves
24	<i>Moringa oleifera</i> Lam.	Green leaves and pods



25	<i>Salvadora oleoides</i> Decne	Green leaves
26	<i>Wrightia tinctoria</i> Roxb	Green leaves
27	<i>Zizyphus mauritiana</i> Lam.	Fresh and dried leaves

Many wild shrubs and trees are utilized as fuel wood by tribals of the district Although every dried twig is used as yet the plant species used for the purpose are:

S.No.	Name of Plant	S.No.	Name of Plant
1	<i>Albizia lebbek</i> Linn.	31	<i>Helicteres isora</i> Linn.
2	<i>Acacia catechu</i> L.F.	32	<i>Holarrhena antidysenterica</i> Linn.
3	<i>Acacia leucophloea</i> Roxb.	33	<i>Holoptelea integrifolia</i> Roxb.
4	<i>Acacia nilotica subsp. Indica</i> Benth.	34	<i>Ipomea fistulosa</i> Mart.
5	<i>Adhatoda zeylanica</i> Medic.	35	<i>Ipomea eriocarpa</i> R. Br.
6	<i>Adina cordifolia</i> Wild. ex.	36	<i>Lannea coromandelica</i> Houtt.
7	<i>Aegle marmelos</i> Linn.	37	<i>Lawsonia inermis</i> Linn.
8	<i>Ailanthus excelsa</i> Roxb.	38	<i>Lepidagathis trinervis</i> Wall. ex Nees.
9	<i>Albizia odoratissima</i> L.F.	39	<i>Leptadenia pyrotechnica</i> Forsk.
10	<i>Albizia procera</i> Roxb.	40	<i>Lycium europacum</i> Linn.
11	<i>Anogeissus pendula</i> Edgew	41	<i>Madhuca indica</i> Gmel.
12	<i>Azadirachta indica</i> A. Juss	42	<i>Mangifera indica</i> Linn.
13	<i>Balanites aegyptiaca</i> Linn.	43	<i>Moringa concanensis</i> Nimmo.
14	<i>Bauhinia racemosa</i> Linn.	44	<i>Morus alba</i> Linn.
15	<i>Bauhinia variegata</i> Linn.	45	<i>Parkinsonia aculeate</i> Linn.
16	<i>Boswellia serrata</i> Roxb.	46	<i>Pithecelobium dulce</i> Benth.
17	<i>Calotropis procera</i> Ait.	47	<i>Prosopis juliflora</i> D.C.
18	<i>Cappris deciduas</i> Forsk.	48	<i>Pterocarpus marsupium</i> Roxb.
19	<i>Cassia fistula</i> Linn.	49	<i>Ricinus communis</i> Linn.
20	<i>Cassia siamea</i> Linn.	50	<i>Salvadora oleoides</i> Decne.
21	<i>Cordia gharaf</i> Forsk.	51	<i>Salvadora persica</i> Linn.
22	<i>Crotalaria juncea</i> Linn.	52	<i>Sterculia urens</i> Roxb.
23	<i>Dalbergia sissoo</i> Roxb.	53	<i>Syzygium cumini</i> Skeels.
24	<i>Diospyros melanoxylon</i> Roxb.	54	<i>Tamarix dioca</i> Roxb. ex Roth
25	<i>Ehretia laevis</i> Roxb.	55	<i>Tamarindus indica</i> Linn.
26	<i>Eucalyptus alba</i> Reinw.	56	<i>Tectona grandis</i> L.F.
27	<i>Eugenia jambolana</i> Lam.	57	<i>Terminalia tomentosa</i> D.C.
28	<i>Euphorbia nerifolia</i> Linn.	58	<i>Vitex negundo</i> Linn.
29	<i>Flacourtia indica</i> Burmf.	59	<i>Wrightia tinctoria</i> Roxb.
30	<i>Grewia flavescence</i> A. Juss.	60	<i>Zizyphus mauritiana</i> Lam.

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