

Availability of Medi.
Plants in Dang Forest

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AVAILABILITY OF MEDICINAL PLANTS IN DANG FOREST (with their utilities)

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Introduction :

The Dang is situated on south-eastern fringe of Gujarat. Dang is a more of hilly forest area. This is only no industry of Gujarat state. It is hilly and full of forest area with tribal based economy. More than 90% of population is tribal and more than 50% land is forest. Dang is not rich for mineral resources as well as marine resources to provide a necessary infra-structure for any industry, only green and heavy medicinal plantations are best resources for Ayurvedic pharmaceutical industry.

Hence there is no big industry in the district, tribal are facing unemployment. They are the best sources for identification and collection of these medicinal plantations.

This particular survey more emphasis on the availability of medicinal plants in the forest and their utility in the ayurvedic pharmacy. This survey highlights list of medicinal plants of Dang, list of some marketable ayurvedic formulations and availability of its raw materia from the dang.

List of mediciplants of Dang :

1 vanya bhenda	2 gunja	3 atibala
4 babbul	5 khadir	6 saptala
7 khadir-bhed	8 irimeda	9 iata-khadir
10 apamarga	11 vasa	12 haridru
13 bilwa	14 aralu	15 ankol
16 shirish	17 shweta-shirish	18 kumari
19 tanduliya	20 vanya suran	21 kajutak
22 dhava	23 krushnabij-sitafal	24 kadamba
25 satyanashi	26 vridhdharu-bhed	27 ishwari
28 panas	29 shatavari	30 kokilaksha
31 nimb	32 nir-brahmi	33 ingudi

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34 danti	35 vansh	36 sahachar-nil
37 sahachar-pit	38 ashmantak	39 kanchanar
40 kukkurondhar	41 punamava	42 tal-tad
43 shivlingi	44 mahavir-asan	45 parnalikh
46 priyal	47 palash	48 lata palash
49 kuberaksha	50 ark	51 karmard
52 kumbhi	53 chakshushya	54 argwadha
55 kasmard	56 chakramard	57 amlaparni
58 jyotishmati	59 mandukaparni	60 aranyajirak
61 shwet musali	62 patha	63 vashala
64 murva	65 agnimantha	66 bharangi
67 aparajita	68 bimbi	69 patal garudi
70 chanchu	71 shleshmantak	72 kemuk
73 varun	74 krishna sariva	75 krishna musali
76 vanya haridra	77 akashvalli	78 rajpatha
79 rohish	80 durva	81 musta
82 shinshipa	83 shinshipa-sisam	84 shinshipa-patral
85 shinshipa-sisam-red	86 dhattur	87 vansh
88 shalparni	89 shalparni-bhe	90 shalparni-small
91 kush	92 bhavya-karval	93 varahikand
94 tinduk	95 kulattha	96 bringraj
97 vidang	98 amalaki	99 mamejjak
100 paribhadra	101 tailparni	102 snuhi
103 dhanyavas	104 kapittha	105 nyagrodha
106 kako udumbar	107 udumber	108 ashwattha
109 kalihari	110 gambhari	111 karpas
112 parushak	113 dhavan	114 sauvarechala
115 avartani	116 shwet sariva	117 kutaj
118 chirbilwa	119 bhramarchchali	120 nili
121 kshir vidari	122 krishna laj	123 jati

124	vyagra cranda	125	dhravanti	126	shyonak
127	tinish	128	changeri	129	bhrihat gokshur
130	kakjangha	131	mudgparni	132	bhumyamlaki
133	chimak	134	karanj	135	bakuchi
136	vijayasar	137	vidarikand	138	madanfal
139	tinditak	140	crand	141	ikshu
142	kas	143	shalmali	144	arishtak
145	koshamra	146	ghantapatli	147	bhallatak
148	bala-bhed	149	bala	150	mahabala
151	bhrihati-bhed	152	bhrihati	153	kakmachi
154	kantakari	155	rohini	156	mundi
157	amratak	158	katu tumbi	159	jingini
160	dhara kadamba	161	jivanti	162	dhronpushpibhed
163	dhronpushpi	164	atish	165	madayantika
166	koshataki	167	devadali	168	madhuk
169	kampillak	170	amra	171	madhumalini
172	vyaghranakhi	173	maha nimb	174	maha nimb-bhed
175	lajjalu	176	shankhadani	177	karvellak
178	karkoti	179	achchuk	180	shigru
181	atmagupta	182	kadali	183	vanya kadali
184	karvir-red	185	parijat	186	tulsi
187	trivrut	188	patla	189	jambu
190	chinch	191	rohitak	192	sak-sag
193	sharpunkh	194	mash parni	195	arjun
196	bibhitak	197	haritaki	198	krishna arjun
199	guduchi	200	shwet punamava	201	gokshur-laghu
202	mahakal	203	patol	204	bringraj-bhed
205	trayaman	206	prushniparni	207	rasna
208	sahadevi	209	nirgundi	210	ushir
211	dhataki	212	shwet kutaj	213	kutaj-bhed
214	badar	215	lata badar	216	ghonta

List of same marketable Ayurvedic formulations and availability of its raw material from the forest of dang :

Following formulations are having 100% availability of raw material.

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|---------------------|--------------------|-----------------------|
| 1 Kutaj ghan vati | 2 Trifla churna | 3 Rasayan churna |
| 4 Karanjaditail | 5 Dashamoola kwath | 6 Trifla ghrut |
| 7 Pamchtikta ghrut | 8 Shatavari ghrut | 9 Mayurpichcha bhasma |
| 10 Krimghna churna | 11 Nirgundi tail | 12 Bilvadi tail |
| 13 Kshirbala tail | 14 Trifla kwath | 15 Panchvalkal kwath |
| 16 Apamarga tail | 17 Khadirashtak | 18 Kanchnar kwath |
| 19 Bhunimbadi kwath | kwath | |

Following formulations are having 70% availability of raw material.

- | | | |
|----------------------------|----------------------|------------------------|
| 1 Kaishor guggulu | 2 Chyavanprash leh | 3 Abhrak bhsama |
| 4 Narayan tail | 5 Nilbrungadi tail | 6 Brungraj tail |
| 7 Mahamanjisthadi kwath | 8 Punamava guggulu | 9 Ashwagandha ghrut |
| 10 Fal ghrut (laghu) | 11 Indralupta lepa | 12 Vasavleh |
| 13 Kasis bhsma | 14 Mukta pishti | 15 Narsimha churna |
| 16 Maha panisha | 17 Nimv churna | 18 Ashwagandha tail |
| 19 Maha vishgarbha tail | 20 Abhayadi kwath | 21 Ashmarihar kwath |
| 22 Guduchyadi kwath | 23 Gokshuradi kwath | 24 Trifla kwath |
| 25 Patoladi kwath | 26 Panchvalkai kwath | 27 Varunadi kwath |
| 28 Bharangyadi kwath | 29 Amrutadi guggulu | 30 Agatsya haritaki |
| 31 Kutaj leh | 32 Jaharmohra pishti | 33 Mandur bhasma |
| 34 Mrugshrung bhasma | 35 Yashad bhasma | 36 Palashbijadi churna |
| 37 Vriddha gangadharchuran | 38 Anu tail | 39 Brihat somraji tail |
| 40 Aragwadhadi gan kwath | 41 Kushtghna kwath | 42 Haritayadi kwath |

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|--------------------|---------------------|---------------------|
| 43 Vatsakadi kwath | 44 Lakshadi guggulu | 45 Arjuna ghrut |
| 46 Amruta ghrut | 47 Tikta ghrut | 48 Maha tikta ghrut |
| 49 Vish har lep | 50 Brahmi tail | 51 Kutajashtak kwat |

Following formulations are having 40 - 70% availability of raw material.

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|------------------------|------------------------|---------------------------|
| 1 Kanchnar guggulu | 2 Ttrifla guggulu | 3 Yograj guggulu |
| 4 Lavangadi vati | 5 Shiva gutika | 6 Jatyadi ghrut |
| 7 Jatyadi malam | 8 Gandhak rasayan | 9 Praval pishti |
| 10 Avippatikar chuma | 11 Mahasudaeshan chuma | 12 Jatyadi tail |
| 13 Mahanarayan tail | 14 Maharasnadi kwath | 15 Amruta guggulu |
| 16 Arshoghni vati | 17 Jivitprada vati | 18 Mamejava ghan vati |
| 19 Doshaghna lepa | 20 Lepa guti | 21 Karpur ras |
| 22 Krimikuthar ras | 23 Chandrakala ras | 24 Laxmivilas ras |
| 25 Kantakari leh | 26 Tapyadi loh | 27 Punarnava mandur |
| 28 Varatica bhasma | 29 Pushyanug churna | 30 Abhayadi churna |
| 31 Vidangadi churna | 32 Rasanjanadi varti | 33 Ark loban |
| 34 Tuvarak tail | 35 Panchguna tail | 36 Shadbindu tail |
| 37 Punamavadi kwath | 38 Punamavashtak kwath | 39 Rrasnapanchak |
| 40 Arogyavardhini vati | 41 Khadiradi vati | 42 Chandraprabha vati-1&2 |
| 43 Chitrakadi vati | 44 Mahayograj guggulu | 45 Agnitundi ras |
| 46 Maha bringraj tail | | |

(All above % are approximately)

(Above stated medicinal plants of Dang may be depend upon the seasons)

Conclusion :

The district of Dang is having nature's gift in the form of rich forest. It is full of medicinal plantation but having very less utility, till today. The tribal population of the area is facing unemployment, they are very skilled for identification of

different medical plants and their growth in various parts of the forest as well they are having traditional knowledge of these plants.

Dang is a non-industrial district, having ideal weather and pollution free atmosphere for the growth of such heavy

plantation. This can be an ideal location for small scale industry with all economical and taxation benefits and easy, skilled men power. Also this can be an ideal platform for drug collection center, pharmacy etc.

The steps should be taken for the encouragement for such environ friendly activities by government bodies, institutions, organizations and universities.

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