

**LIST OF RELEASED / IDENTIFIED VARIETIES OF
VARIOUS TOBACCO TYPES FOR CULTIVATION IN INDIA**

S.No.	Tobacco type	Varieties released / identified
1	Flue-cured tobacco	Chatam, Delcrest, Kanakaprabha, Dhanadayi, CTRI Special, Jayasri, CTRI Spl. (MR), 16/103, FCV special, Godavari Spl., Swarna, Mc Nair 12, Jayasri (MR), Hema, Bhavya, Gauthami, CM 12 (KA), VT 1158, Kanchan, Thrupthi, Rathna, Kanthi, Hemadri, Siri, Sahyadri, FCH 222, LT Kanchan, CH-1, N-98, CH-3, CTRI Sulakshana (TBST-2)
2	Bidi tobacco	GT 4, NPN 190, Anand 119, Anand 2, Spoorthy (PL 5), GT 5, GT 7, GTH1, Bhavyasree, GT 9, NBD 43, MRGTH-1, ABT 10, Vedaganga 1, GABT-11, Nadyala Pogaku-1, NBD 209
3	Chewing tobacco	Chama, Podali, DP 401, GandakBahar, Sona, Vairam, Thangam Bhagyalakshmi, Maragadham, Prabha, PT 76, Meenakshi Vaishali Special, Lichchavi, Manasi, Abirami, Kaviri, Meenakshi (CR), Sangami, Kamatchi, Abirami (CR), DJ-1*, BSR-1*
4	Hookah and Chewing (<i>Rustica</i>) tobacco	DD 437, Sonar Motihari, GC 1, GT 6, GCT 2, GT 8, GCT 3, Dharla, Azad Kanchan
5	Oriental tobacco	Tungabhadra*
6	<i>Motihari</i> tobacco (West Bengal)	Manasi, Torsa
7	Natu tobacco	Prabhat, Vishwanath, Natu Special, Gajapati, Bhairavi
8	Cheroot tobacco	DR 1, Bhavani Special, Lanka Special, Sendarapatty Special
9	Cigar-wrapper tobacco	S 5, Krishna
10	Burley tobacco	Burley 21, Banket A1, HDBRG (Dark burley)

* Identified for release

NOTE: None of the above listed tobacco varieties released / identified for cultivation in India contains Genetically Modified Organisms (GMOs).

Detailed list of varieties developed / released by CTRI and AINPT

S.No	Variety	Year of release	Recommended areas	Productivity (kg/ha)	Salient traits
Flue-cured tobacco					
1.	Chatam	1950	Black soils of Andhra Pradesh	1100	--
2.	Delcrest	1960	Black soils of Andhra Pradesh	1200	--
3.	Kanakaprabha	1971	Black soils of Andhra Pradesh	1500	--
4.	Dhanadayi	1972	Black soils of Andhra Pradesh	1520	--
5.	CTRI Special	1976	Black soils & SLS of Andhra Pradesh	1365	--
6.	16/103	1976	NLS of Andhra Pradesh	1717	--
7.	FCV Special	1976	KLS of Karnataka	1118	--
8.	Jayasri	1979	Black soils of Andhra Pradesh	1990	--
9.	CTRI Spl. (MR)	1980	Black soils & SLS of Andhra Pradesh	1200	Resistant to TMV
10.	GodavariSpl.	1982	Black soils & SLS of Andhra Pradesh	1525	Resistant to TMV
11.	Swarna	1984	KLS of Karnataka	1450	Resistant to powdery mildew
12.	Mc Nair 12	1986	NLS of Andhra Pradesh	1880	Tolerant to black shank
13.	Jayasri (MR)	1986	Black soils & SLS of Andhra Pradesh	1503	Resistant to TMV
14.	Hema	1987	Black soils of Andhra Pradesh	1560	--
15.	Bhavya	1988	KLS of Karnataka	2000	Resistant to black shank and root-knot nematode
16.	Gauthami	1992	Black soils & SLS of Andhra Pradesh	2000	-----
17.	CM 12 (KA)	1993	NLS of Andhra Pradesh	2000	Tolerant to black shank
18.	VT 1158	1993	Black soils of Andhra Pradesh	2000	Resistant to TMV
19.	Kanchan	1998	NLS of Andhra Pradesh and KLS of Karnataka	2000	Tolerant to black shank and root-knot nematodes
20.	Thrupthi	1998	KLS of Karnataka	1800	Tolerance to drought

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21.	Rathna	2001	KLS of Karnataka	2000	-----
22.	Kanthi	2006	SLS & SBS of Andhra Pradesh	1600-2000	Withstands moisture stress to some extent
23.	Hemadri	2006	Black soils of Andhra Pradesh	2500	-----
24.	Siri	2006	Black soils of Andhra Pradesh	2900	-----
25.	Sahyadri	2009	Karnataka	2,000	Drought tolerant, mild drought situations
26.	FCH 222	2012	KLS of Karnataka	3,000	High degree of tolerance to <i>Fusarium</i> wilt disease
27.	CH-1	2015	Andhra Pradesh	2,900	Northern Light Soils
28.	N-98	2015	SLS of Andhra Pradesh	2,200	Rainfed conditions of Southern Light Soils
29.	LT Kanchan	2015	Andhra Pradesh	2500	Low tar variety for Northern Light Soils
30.	CH-3	2016	KLS of Karnataka	2,700	Karnataka Light Soils
31.	CTRI Sulakshana (TBST-2)	2018	Andhra Pradesh	3300	SLS & BS of Andhra Pradesh
Bidi tobacco					
32.	GT 4	1976	Gujarat	2600 rainfed 2841 normal	--
33.	NPN 190	1979	Karnataka and Maharashtra	1964	Suitable for tobacco growing areas of Belgaum district in Karnataka, Kolhapur and Sangli districts in Maharashtra

S.No	Variety	Year of release	Recommended areas	Productivity (kg/ha)	Salient traits
34.	Anand 119	1984	Gujarat, Karnataka, Maharashtra and A.P.	2625	-----
35.	Anand 2	1984	Gujarat, Karnataka, Maharashtra and A.P.	2555	-----
36.	Spoorthy (PL 5)	1984	Karnataka and Maharashtra	2000	Suitable for tobacco growing areas of Belgaum district in Karnataka, Kolhapur and Sangli districts in Maharashtra
37.	GT 5	1985	Gujarat	3300	-----
38.	GT 7	1993	Gujarat	2535	Rainfedbidi tobacco growing areas of Gujarat
39.	GTH1	1995	Gujarat	3644	Irrigated bidi tobacco growing areas of Gujarat
40.	Bhavyasree	1997	Karnataka	2000	-----
41.	GT 9	2001	Gujarat	3077	-----
42.	MRGTH-1	2008	Gujarat	3200	Resistant to tobacco mosaic virus disease
43.	ABT 10	2009	Gujarat	3512	Root-knot resistant; Light soil areas with irrigation and nematode problem
44.	Vedaganga 1	2009	Karnataka	1450 (rain-fed) 3,400 (irrigated)	Cultivated in areas with little assured moisture or limited irrigation facility
45.	GABT-11	2013	Gujarat	4175	Bidi tobacco

S.No	Variety	Year of release	Recommended areas	Productivity (kg/ha)	Salient traits
					areas of middle Gujarat
46.	Nandyala Pogaku-1	2015	Andhra Pradesh	2150	Bidi tobacco areas of Andhra Pradesh
47.	NBD-209	2016	Karnataka	1300-1500 kg/ha (rainfed); 1500 - 2000 kg/ha (irrigated)	High yield, moderately resistant to root knot nematode & brown leaf spot. Recommended for adoption in Zone 8
Chewing tobacco					
48.	Chama	1956	West Bengal	1800	Suitable for clayey soils of North Bengal region
49.	Podali	1956	West Bengal	1600	Suitable for sandy soils of North Bengal region
50.	DP 401	1958	Bihar	2000	
51.	GandakBahar	1976	Bihar	2280	Suitable for North Bihar region
52.	Sona	1977	Bihar	3178	Suitable for North Bihar region
53.	Vairam	1977	Tamil Nadu	2800	Suitable for pit-cured tobacco producing areas
54.	Thangam	1980	Tamil Nadu	3226	Suitable for smoke-cured tobacco producing areas
55.	Bhagyalakshmi	1980	Tamil Nadu	3532	Suitable for sun-cured tobacco producing areas
56.	Maragadham	1981	Tamil Nadu	3013	Suitable for

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					smoke-cured tobacco producing areas
57.	Prabha	1981	Bihar	2200	-----
58.	PT 76	1990	Bihar	2600	-----
59.	Meenakshi	1992	Tamil Nadu	4000	Suitable for sun-cured tobacco producing areas
60.	Vaishali Special	1993	Bihar	2778	
61.	Lichchavi	2001	Bihar	3000	Suitable for North Bihar region
62.	Manasi	2004	West Bengal	1700	Suitable for North Bengal region
63.	Abirami	2006	Tamil Nadu	4000	Suitable for southern, central and western zones except coastal belt
64.	Kaviri	2006	Tamil Nadu	2500	Suitable for costal belt
65.	Meenakshi (CR)	2007	Tamil Nadu	3454	Inland zone of Tamil Nadu
66.	Sangami	2008	Tamil Nadu	3265	Erode & Salem districts of Tamil Nadu
67.	Kamatchi (VDH 3)	2013	Tamil Nadu	4000	Chewing tobacco tracts of Tamil Nadu
68.	Abirami (CR)	2013	Tamil Nadu	3700	Chewing tobacco tracts of Tamil Nadu
69.	DJ-1*	2013	West Bengal)	1500	Suitable for <i>Jati</i> tobacco producing areas of West Bengal
70.	BSR-1*	2014	Tamil Nadu	3400	Black shank resistant and suitable for cultivation in coastal belt of

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					Tamil Nadu
Hookah and Chewing (<i>Rustica</i>) tobacco					
71.	DD 437	1977	West Bengal	1865	Suitable for <i>Motihari</i> tobacco producing areas
72.	Sonar <i>Motihari</i>	1977	West Bengal	1690	Suitable for <i>Motihari</i> tobacco producing areas
73.	GC 1	1981	Gujarat	2693	Suitable for <i>Rustica</i> /Calcutti tobacco growing areas of Gujarat
74.	GT 6	1986	Gujarat	2712	Suitable for tobacco growing areas of Middle Gujarat
75.	GCT 2	1994	Gujarat	3512	Suitable for <i>Rustica</i> tobacco growing areas of Gujarat
76.	GT 8	1998	Gujarat	4469	-----
77.	GCT 3	2001	Gujarat	5986 (North Gujarat) 3285 (Middle Gujarat)	Suitable for <i>Rustica</i> tobacco growing areas of Gujarat
78.	Dharla	2001	West Bengal	2700	Suitable for North Bengal region
79.	Azad Kanchan	2008	Uttar Pradesh	3000	Suitable for Uttar Pradesh
Oriental tobacco					
80.	Tungabhadra*	2011	Andhra Pradesh	767	Identified for cultivation in low rainfall tracts of Karnataka and Andhra Pradesh in poor and marginal soils under rainfed

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					conditions
Motihari tobacco (West Bengal)					
81.	Manasi	2004	West Bengal	1700	North Bengal
82.	Torsa	2008	West Bengal	2200	Silty/sandy loam soil region in <i>Motihari</i> tobacco tract of Cooch Behar district
Natu tobacco					
83.	Prabhat	1977	Andhra Pradesh	1500	Suitable for cigarette natu tobacco producing areas; Resistant to TMV
84.	Vishwanath	1986	Andhra Pradesh	2429	Suitable for cigarette natu tobacco producing areas
85.	Natu Special	1992	Andhra Pradesh	1600	Suitable for cigarette natu tobacco producing areas
86.	Gajapati	2002	Odisha	1800	Suitable for pikka tobacco areas of Odisha
87.	Bhairavi	2006	Andhra Pradesh	2600	Suitable for cigarette natu tobacco producing areas
Cheroot tobacco					
88.	DR 1	1960	Andhra Pradesh	2620	Suitable for river-side island (<i>Lanka</i>) tobacco producing area of East Godavari district; Strong, pungent and aromatic
89.	Bhavani	1980	Tamil Nadu	2837	Suitable for

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	Special				Bhavani area of Coimbatore district
90.	Lanka Special	1981	Andhra Pradesh	2780	Suitable for river-side island (<i>Lanka</i>) tobacco producing area of East Godavari district; Strong, pungent and aromatic
91.	Sendarapatty Special	1986	Tamil Nadu	2100	Suitable for Salem region
Cigar-wrapper tobacco					
92.	S 5	1977	West Bengal	1476	Suitable for North Bengal region
93.	Krishna	1986	Tamil Nadu	2250	Suitable for cigar-filler tobacco producing area
Burley tobacco					
94.	Burley 21	1972	Andhra Pradesh	1700	Suitable for light soils in East Godavari, Visakapatnam, Vijayanagaram districts
95.	Banket A1	1994	Andhra Pradesh	1800	Suitable for light soils in East Godavari, Visakapatnam, Vijayanagaram districts; Resistant to TMV
96.	HDBRG (Dark burley)	--	Andhra Pradesh	1500 – 2000	Suitable for CBS, SBS and Telangana areas of Andhra Pradesh

* Identified for release

NLS - Northern Light Soils of Andhra Pradesh; SLS - Southern Light Soils of Andhra Pradesh; KLS -Karnataka Light Soils, BTRC - Burley Tobacco Research Centre.