

SALIENT FEATURES OF RELEASED VARIETIES OF SMALL MILLET CROPS (1986 TO 2005)

Finger millet

Sl. No.	Crop/Variety	Pedigree	Institute where developed	Year of release	Maturity (Days)	Av Yield Kg/ha	Area of Adaption	Special features
1.	HR 911	UAS 1 x IE 927	PC Unit, Bangalore	1986	110-115	4000-5000	Karnataka	It can be grown in rainfed and irrigated conditions
2.	Indaf 8	Hullubele x IE 929	V.C. Farm Mandya UAS, Bangalore	1986	120-125	3500-4000	Karnataka	Long duration type for early sowings
3.	Gujarat nagli 2 (NS 109)	Pureline selection	GAU SardarKrishinagar Gujarat	1988	110-115	2500-3000	Gujarat	High finger number
4.	Indaf 9	K1 x IE 980 R	V.C. Farm Mandya UAS, Bangalore	1988	100-105	3000-3500	Karnataka	For late sown conditions in Kharif
5.	KM 13	Pureline selection	CSAUA&T, Kanpur	1989	95-110	2500-3000	Uttar Pradesh, Madhya Pradesh, Odisha	Early maturity
6.	PES 400	Pureline selection	GBPUA&T, Pantnagar	1989	98-102	1800-2000	Hills of U.P	Early maturity
7.	Co 13	Co 7 x TAH 107	TNAU, Coimbatore	1989	95-100	2500-3000	Tamil Nadu	Early maturity
8.	TRY 1	Selection from HR 374	TNAU, Coimbatore	1989	100-105	2000-2500	Tamil Nadu	Tolerant to salinity
9.	VL 124	Selection from local germplasm	VPKAS, Almora	1989	95-100	2000-2500	Hills of U.P	Earliness, high seed and fodder yield
10.	RAU 8	BR 407 x Ranchi Local	RAU, Dholi	1989	105-110	2200-2500	Bihar and other states	Tolerant to drought
11.	Saptagiri (PR 2614)	MR 1 x Kalyani	APAU, Perumallapalle	1995	110-115	2500-3000	Tamil Nadu, Maharashtra, Odisha, Andhra Pradesh	Resistant to blast & tolerant to drought
12.	Indaf 15	IE 67 x IE 927	V.C. Farm Mandya UAS, Bangalore	1991	110-115	3500-4000	Karnataka	Long duration/ Late maturity
13.	VL 149	VL 204 x IE 882	VPKAS, Almora	1991	98-102	2000-2500	All states	Wide adaptation,

								earliness
14.	A 404	Selection from germplasm	BAU, Ranchi	1993	110-115	2200-2500	Bihar	Moderately resistant to blast
15.	Gautami (PR 1158-9)	PR 202 x U22	MRS, Vizianagaram	1993	115-120	2800-3000	Andhra Pradesh	Tolerance to blast, high yield
16.	GN 3	KM 13 x GN 2	GAU, Gujarat	1993	130-136	2200-2500	Gujarat	Tolerant to drought long duration
17.	Padmavathi (PPR 2350)	Pureline selection	ANGRAU, Perumallapalle (AP)	1993	110-115	2500-3000	Coastal Andhra Pradesh	Suitable for late kharif
18.	Dapoli 1	Selection from mutant No. 50-1	KVK, Dapoli	1994	100-110	1500-2000	Konkan regions of Maharashtra	Early maturity
19.	Suraj (VR 520)	Pureline selection from VM 2507/19	ANGRAU, Vizianagaram (AP)	1994	90-95	2200-2800	All over India	Early maturity, resistant to blast and tolerant to drought
20.	KM 65	Selection from exotic germplasm	CSAUA&T, Kanpur	1994	98-102	1800-2100	Uttar Pradesh	Early maturity resistant to Blast
21.	VL-146	VL 201 x IE 882	VPKAS, Almora	1995	95-100	2500-3000	Uttar Pradesh, Jharkhand, Odisha, Uttarakhand, Maharashtra, Madhya Pradesh, Karnataka	Early maturity
22.	BM 2	PurelineSelection	BAU, Ranchi	1995	105-110	2400-2600	Bihar	Resistant to neck & finger blast
23.	GPU 28	Indaf 5 x (Indaf 9 x IE 1012)	PC Unit, Bangalore	1996	110-115	3500-4000	Karnataka	Highly blast resistant
24.	Champavathi (VR 708)	Puerline selection from VMEC 36	ANGRAU, ARS Vizianagaram	1998	90-95	2000-2500	Andhra Pradesh, Uttar Pradesh, Tamil Nadu, Karnataka, Odisha	Photo insensitive & early maturity
25.	MR 1	Hamsa x IE 927	V.C. Farm Mandya UAS, Bangalore	1998	125-130	3500-4000	Karnataka	Long duration, for early sowings
26.	PR 230 (Maruthi)	Pure line selection	ANGRAU, Paleru	1998	90-100	2500-3000	Andhra Pradesh (Telangana region)	Resistant to blast and blight

28.	BM 9-1	Mutant from BudhaMandia	OUAT, Berhampur	1999	103-105	2500-3000	Karnataka, Andhra Pradesh, Odisha, Madhya Pradesh & Maharashtra	Moderately resistant to blast and brown spot
29.	L-5	Malawi x Indaf 9	UAS, Bangalore	1999	120-125	3500-4000	Karnataka	Late variety, for early sowings
30.	GPU 26	(I-5 x I-9) x IE 1012	PC Unit, UAS, Bangalore	2000	100-105	3000-3500	Karnataka	Early, blast tolerant, suitable late sowings & summer
31.	GPU 45	GPU 26 x L 5	PC Unit, UAS, Bangalore	2001	95-100	2700-2900	Gujarat, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra	Early, blast resistant
32.	Chilika (OEB 10)	GE 68 x GE 156	OUAT, Bhubaneswar Odisha	2001	115-120	2600-2700	Odisha, Madhya Pradesh, Gujarat, Andhra Pradesh and Tamil Nadu	Moderately resistant to blast, resistant to stem borer, late variety
33.	TNAU 946		TNAU, Coimbatore	2004	105-115	2000-2500	Tamil nadu	-
34.	VL 315	SDFM 69 x VL 231	VPKAS, Almora	2004	105-115	2600-2800	Uttaranchal	Moderately resistant to finger and neck blast
35.	GPU 48	GPU 26 x L 5	PC Unit, UAS, Bangalore	2005	95-100	3000-3500	Karnataka	Early, high yield, blast resistant Suitable for summer also

Barnyard millet

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (kg/ha)	Area of adaptation	Special features
1.	Kanchan	Selection from germplasm	CSAUA&T, Kanpur	1993	65-70	1500-1800	Uttar Pradesh	Resistant to grain smut
2.	VL Madira 172	EF 2 x VHC 5205	VPKAS, Almora	2000	75-80	2100-2300	Uttar Pradesh, Gujarat and Karnataka	Resistant to grain smut
3.	Sushrutha (RAU 11)	Introduction	RAU, Pusa and UAS, Dharwad	2000	75-80	2000-2200	Karnataka	High grain yield
4.	VL Madira 181	ECC 27 x VL 60	VPKAS, Almora	2001	90-95	1600-1700	Bihar, Karnataka, Madhya Pradesh, Tamil Nadu	Profuse Tillering

Foxtail millet

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (kg/ha)	Area of adaptation	Special features
1.	K 3	Selection from SiA 2567	TNAU, Coimbatore	1989	85-90	1500-1800	Tamil Nadu	Stay green character
2.	AK 132-1	Pureline selection	APAU, ARS Ananthpur,	1990	82-85	1800-2000	Andhra Pradesh	Drought Tolerance, Suitable For Royalaseema
3.	Krishnadevaraya (SiA 2593)	Selection from SiA326 x SiA 242	Nandyal Andhrapradesh	1993	85-90	2000-2200	Andhra Pradesh	High seed yield
4.	Gavari (SR 11)	Selection from local germplasm	RAU, Rajasthan	1994	75-80	1500-1600	Rajasthan	-
5.	TNAU 43	Co 5 x ISe 301	TNAU, Coimbatore	1994	80-85	1500-1600	Tamil Nadu	High fodder yield
6.	PS 4	SiA 2616 (0.2% EMS induced mutant)	GBPUA&T, Pantnagar, U.P	1998	80-85	1800-2000	All States	Wider adaptability
7.	TNAU 186	Co-5 x SiA 326	TNAU, Coimbatore	1994	80-85	1800-2000	Tamil Nadu, Andhra Pradesh, Karnataka	Tolerant to drought
8.	Meera (SR 16)	Pure line selection	MPUA & T, Udaipur	2001	75-80	1500-1700	Rajasthan	Stay green character, resistant to Downey

								Mildew
9.	Sri Lakshmi	Pure line selection	ANGRAU, Hyderabad	2002	80-85	2000-2300	Andhra Pradesh	High seed yield
10.	Prathap Kangni 1 (SR-51)	Selection from local germplasm	MPUA & T, Udaipur	2003	65-70	1800-2000	Rajasthan	Extra early maturity Nutritionally superior
11.	PRK 1	Selection from Tehri collection	GBPUA & T, Ranichauri	2000	75-80	1900-2000	Uttar Pradesh	Early maturity
12.	TNAU 196	Co 5 x ISe 247	TNAU, Coimbatore	2005	85-90	1800-2000	Tamil nadu	Resistant to rust.

Little millet

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (kg/ha)	Area of adaptation	Special features
1.	Paiyur 1	Pure line selection	RRS, Paiyur, TNAU	1989	90-95	800-1000	Tamil Nadu	Late maturity
2.	TNAU 63	Selection from germplasm MS 2369	TNAU, Coimbatore	1997	90-100	1100-1200	Tamil Nadu, Karnataka, Gujarat	High grain and fodder yield
3.	Birsa Gundli 1	Selection from Local	BAU, Ranchi	1993	55-60	700-800	Bihar Plateau, Jharkhand	Early maturity
4.	Paiyur 2	Pure line selection from accession PM 295	TNAU, Coimbatore	2000	95-100	750-850	Tamil Nadu	Late maturity
5.	Tarini (OLM 203)	Selection from local cultivar (KL 2) of Koraput Dist.	OUAT, Berhampur, Odisha	2001	105-110	1000-1100	Karnataka, Andhra Pradesh, Odisha, Bihar, Tamil Nadu	Resistant to blast and grain smut
6.	Kolab (OLM 36)	Mutant of SS-81-1	OUAT, Odisha	2001	95-100	1000-1100	Madhya Pradesh, Odisha, Chattisgarh, Bihar, Karnataka, Gujarat	Resistant to brown spot and sheath blight
7.	OLM 20	Mutant of SS-81-1	OUAT, Odisha	2003	75-80	1100-1200	Odisha, Madhya Pradesh, Chattisgarh	Drought tolerant

Proso millet

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (kg/ha)	Area of adaptation	Special features
1	K 1	Selection from Local	TNAU, Coimbatore	1982	65-70	900-1000	Tamil Nadu	Stay green character
2.	Co 4	Pureline selection	TNAU, Coimbatore	1989	70-75	1200-1500	Tamil Nadu	Tolerant to shootfly& drought
3.	Nagarjuna	Pureline selection	ANGRAU, Hyderabad	1989	60-65	1500-1800	Andhra Pradesh	Early Maturity
4.	Sagar	Selection from Local	ANGRAU, Hyderabad	1989	85-90	1800-2000	Andhra Pradesh	High seed yield
5.	Bhawna	Pureline selection	CSAUAT, Kanpur	1992	65-70	1200-1500	Uttar Pradesh	Early Maturity
6.	GPUP 8	S 7 x L 111	UAS, Dharwad	2001	85-90	1500-1600	Karnataka	Resistant to brown spot
7.	GPUP 21	GPUP 14 x K 1	PC Unit, UAS, Bangalore	2003	65-75	1500-1800	Karnataka, Tamil Nadu	High yield, moderately tolerant to shoot fly

Kodo millet

Sl. No	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (kg/ha)	Area of adaptation	Special features
1.	JK 76	Selection from local germplasm	JNKVV, Rewa	1991	85-90	1600-1800	Madhya Pradesh &Chattisgarh	Early maturity
2.	JK 62	Selection from local germplasm	JNKVV, Rewa	1986	90-100	1800-2000	Madhya Pradesh &Chattisgarh	Resistant to had smut & bacterial blight
3.	GPUK 3	Selection from germplasm GPLM 826	P.C. Unit, UAS Bangalore	1991	100-105	1800-2000	All states	Tolerant to head smut
4.	APK 1	Selection from PSC 5	ARS, Aruppukotai	1993	100-105	1800-2000	Tamil Nadu	Resistant to ergot, smut & tolerant to stem borer
5.	GK 2	Selection from GPUK 5	GAU, Gujarat	1993	110-112	1500-2000	Gujarat	Tolerant to drought

6.	KMV 20 (Varugu 1)	Pureline selection from Pali	TNAU, Coimbatore	1996	100-110	2000-2200	Madhya Pradesh, Karnataka &Chattisgarh	Resistant to head smut and tolerant to drought.
7.	Jawaharkodo 155 (RBK 155)	Selection from germplasm no. GPLM 251	JNKVV, Jabalpur	2000	105-110	2000-2200	MadhyaPradesh, Karnataka	Resistant to Head smut, shoot fly
8.	Jawaharkodo 48 (JK 48)	Pure line selection from local germplasm 48	JNKVV, Jabalpur	2001	95-100	2600-2700	Andhra Pradesh, Gujarat Madhya Pradesh, Chattisgarh, Karnataka,	Resistant to head smut tolerant to drought high grain yield.
9.	KK 2	Selection from genetic collections of Ballia Dist.	CSAUA & T, Kanpur	2002	82-85	2000-2300	Uttar Pradesh	Resistant to Drought and lodging and suitable for saline condition