RECENTLY RELEASED VARIETIES OF SMALL MILLETS (2005 to 2018)

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Avg. Yield (q/ha)	Area of adaptation	Special features
FINGER MILLET								
1	GPU 48	GPU 26 x L 5	PC Unit, Bengaluru	2005	95-100	28-30	Karnataka	Pigmentation on all plant parts and highly resistant to blast
2	PRM 1	Selection from Ekeshwar of PauriGarhwal Region	Hill Campus, GBPUA& T, Ranichauri	2006	110-115	20-25	Hills of Uttarakhand	Resistant to blast
3	Bharathi (VR 762)	Pure line selection from VMEC 134	ANGRAU, Vizianagaram	2006	110-115	26-30	Andhra Pradesh	Moderately resistant to blast
4	GPU 66	PR 202 x GPU 28	PC Unit, Bengaluru	2009	112-115	35-40	Karnataka	Green plant parts with narrow leaves, medium compact ears with tip incurved fingers
5	GPU 67	Selection from germplasm accession GE 5331	PC Unit, Bengaluru	2009	114-118	30-35	National	Non lodging (Semi dwarf)
6	Srichaitanya (VR 847)	GPU 26 x L 5	ANGRAU, Vizianagaram	2009	110-115	26-28	Andhra Pradesh	Moderately resistant to blast
7	KMR 301	MR 1 x GE 1409	VC Farm, Mandya, UAS,Bengaluru	2009	120-125	55-60 (Irrigated) 35-40 (Rainfed)	Southern Dry zone of Karnataka	High grain and straw yield, tolerant to blast
8	KOPN 235	Selection from local germplasm	MPKVV, Rahuri	2011	115-120	25-26	Sub mountain and ghat zone of Maharashtra	Resistant to blast

9	OEB 526	SDFM 30 x PE 244	OAUT, Bhubaneswar	2011	110-115	25-26	Odisha, Bihar, Chattisgarh, Karnataka, Tamilnadu	Moderately resistant to leaf, neck and finger blast diseases.
10	OEB 532	GPU-26 x L-5	OAUT, Bhubaneswar	2012	110-115	22-25	Odisha, Bihar, Chattisgarh, Karnataka, Tamilnadu	Moderately resistant to blast diseases. Nonlodging and non-shattering.
11	KMR 204	GPU 26 x GE-1409	VC Farm, Mandya, UAS,Bengaluru	2012	95-100	30-35	Karnataka	Early duration variety
12	VR 936	IE 2695 x PR 202	ANGRAU, Vizianagaram	2012	115-120	28-30	Andhra Pradesh	Suitable for late conditions. Responsive to nitrogenous fertilizers.
13	PPR 2700 (Vakula)	KM 55 x U22/B	ARS Perumallapalle A.P.	2012	105-110	25-30	Andhra Pradesh	Resistant to leaf blast and tolerant to drought.
14	Indira Ragi 1	HR 911 x GE 669	Jagdalpur, IGKVV	2012	120-125	25-26	Chattisgarh	Non-shattering, non-lodging, responsive to fertilizers.
15	VL 352	VR 708 x VL-149	ICAR-VPKAS, Almora	2012	95-100	33-35	All Ragi growing areas of country	Moderately resistant to blast.
16	Chattisgarh Ragi -2	PR 202 X GE 669	Jagdalpur, IGKVV	2012	115-118	32-35	Chattisgarh	Blast Resistance Suitable for rainfed

17	VL 376	GE 4172 x VL Ragi 149	ICAR-VPKAS, Almora	2016	103-109	29-31	All Ragi growing areas of country	Responsive to fertilizer and moderately resistant to blast.
18	GNN-6	Selection from local germplasm WN-259	Waghai, Navsari Agricultural University	2016	120-130	28-30	Gujarat	Moderately resistant to leaf blast and finger blast
19	GN-5	Selection from local germplasm WWN-20	Waghai, Navsari Agricultural University	2016	120-130	25-27	Gujarat	Late maturing, White colour seed, Moderately resistant to leaf and finger blast.
20	VL Mandua - 348	VL Ragi 146 x VL Ragi 149	ICAR-VPKAS, Almora	2016	104-112	18-20	Uttarakhand	Suitable for organic cultivation; Resistant to neck and finger blast; and tolerant to lodging; light copper grains.
21	KMR 340	OUAT-2 x WRT-4	VC Farm, Mandya, UAS,Bengaluru	2016	90-95	35-40	Karnataka	White ragi variety, specially for confectionary purpose, resistant to blast and blight diseases, tolerant to stem borer and aphids
22	Dapoli-2 (SCN-6)	Soma-clone of Dapoli-1	Dr.BSKKV, Dapoli	2017	118-120	25-27	Konkan region of Maharashtra.	A tissue cultured, somaclonally developed finger millet high yielding variety rich in iron and calcium. Moderately resistant to blast.Tolerant to aphids and *Spodopter littura*.
23	CO 15	CO 11 x PR 202	Centre on Excellence of Millets, TNAU, Athiyandal, Tamilnadu.	2017	115-120	29.0 Under rainfed and 34.0 under Irrigated.	Tamilnadu	Highly responsive to nitrogenous fertilizer, non lodging, resistant to leaf, neck and finger blasts and nutritionally rich grain and fodder. Variety possesses consumer preferred bold

								and copper red grains.
24	GNN-7	Pure line selection from white type landrace of Nagli collected from Ahwa-Dangs District, State: Gujarat	Navsari Agril. Univ., Gujarat	2017	123-128	25.0 q/ha.	Gujarat	Very good nutrition properties high mineral matter (%) crude fibre, Calcium, Phosphorous and good amount of protein, fat, carbohydrats and magnesium.
25	VL-379	GE-440 x VL -149	ICAR-VPKAS, Almora	2017	105-107	30-32	Recommended for Uttarakhand, Bihar, Jharkhand, Madhya Pradesh and North eastern states	Resistant to neck and finger blast, moderately resistant to banded sheath blight and responsive to high fertilsers.
26	Chhattisgarh Ragi-2 (BR-36)	PR-202 X GE-669	ZARS, Jagdalpur, IGKVV	2018	115-118	34-36	Chattisgarh	Moderately Resistant to neck and finger blast .Tolerant to stem borer and other major pests.
27	DHFM-78-3	GE 1219 × Indaf 8	ARS, Hanmanamatti, UAS, Dharwad	2018	114-116		Recommended for cultivation in Agro-climatic Zone -3 and 8 of Karnataka state	Resistant to finger and neck blast and suitable for contingency planting.

FOXTAIL MILLET								
Sl. No.	**Name of variety**	**Pedigree**	**Institute where developed**	**Year of release**	**Maturity (days)**	**Avg. Yield (q/ha)**	**Area of adaptation**	**Special features**

1	Co 7 (TNAU 196)	Co 6 ×ISe 247	TNAU, Coimbatore	2005	85-90	18-19	Tamil Nadu	High protein (13.62 to 14.0%) and fodder yield (3.7 to 4.0 t/ha)
2	HMT 100-1	RS 118 × PS 3	ARS, Hanumanmatti, UAS, Dharwad	2008	90-95	20-25	Karnataka	High tillering, suitable for early and late sowing.
3	SiA 3085	Pure line from SiA 2644	RARS, Nandyal, ANRAU	2011	80-85	20-30	All foxtail millet growing areas of the country	Resistant to blast and downey mildew.
4	Suryanandi (SiA 3088)	Pure line from SiA 1244	RARS, Nandyal, ANRAU	2012	70-75	20-25	All foxtail millet growing areas of the country	Non-lodging, early duration, suitable for double cropping.
5	SiA 3156	Pure line from 2871	RARS, Nandyal, ANRAU	2012	85-90	20-25	Andhra Pradesh, Bihar, Gujarat, Karnataka, Madhya Pradesh, Tamil Nadu and Uttarakhand	Highly responsive to nitrogenous fertilizers
6	RAU (Rajendra Kauni 1-2)	Selection from Local germplasm of Laukaria, Raxaul, East Champaran	Rajendra Agricultural University, Bihar, Pusa, Samastipur	2017	80-83	23-25	Irrigated and Rainfed upland of Bihar	Resistance against leaf blast, rust, smut, brown spot, downy mildew and leaf blight. High iron content of 15.45 (mg/100g) and Zinc (5.02 mg/100g).
7	DHFt-109-3	Co-5 X GPUS-30	ARS, Hanmanamatti, UAS, Dharwad	2018	86-88	Grain yield: 29 q/ha. Fodder yield: 5.23 t/ha	Recommended for cultivation in Agro-climatic Zone -3 and 8 of Karnataka state	Variety suitable for contingency planting.

KODO MILLET								
Sl. No.	**Name of variety**	**Pedigree**	**Institute where developed**	**Year of release**	**Maturity (days)**	**Av. Yield (q/ha)**	**Area of adaptation**	**Special features**
1	JK 13	Selection from mutant JK 76	Rewa, JNKVV, Jabalpur	2007	95-100	22-23	National	Resistant to head smut and shootfly
2	JK 106	Selection from Sidhi dist. germplasm	Rewa, JNKVV, Jabalpur	2009	100-105	19-20	M.P. State	Resistant to head smut and shootfly
3	JK 65	Selection from Sidhi dist. germplasm	Rewa, JNKVV, Jabalpur	2009	105-110	23-25	National	Resistant to shootfly and moderately resistant to head smut
4	JK 98	Selection from GPLM 317	Rewa, JNKVV, Jabalpur	2010	100-105	25-30	National	Resistant to shootfly and moderately resistant to head smut
5	DPS 9-1	Selection from local land race	Dindori, JNKVV, Jabalpur	2011	105-110	27-30	National	Tolerant to shootfly
6	Indira Kodo 1	Pure line selection	Jagdalpur IGKVV	2012	100-105	22-25	Chattisgarh	Highly responsive to fertilizers, suitable for late sowing.
7	Chattisgarh kodo -2	Mutant Line of CO 3	Jagdalpur IGKVV	2014	95-100 days	25-26	Chattisgarh	Resistant to major insect pest, Early maturing
8	TNAU-86	Pure line selection from IPS 85	TNAU Coimbatore	2012	95-110	27-30	National	Early duration, non-lodging, milling recovery (52-53%)
9	RK 390-25	Mutant of RK-390	Rewa, JNKVV	2012	100-105	25-28	National	Non-shattering and non-lodging.
10	Jawahar Kodo	Mutant of RK-390	Rewa, JNKVV	2016	100-105	26-29	Rainfed areas of	Suitable for sole as well as inter/mixed cropping,

	137						Madhya Pradesh	responsive to NPK, resistant to drought, lodging, and key pest Shoot fly and moderately resistant to head smut

BARNYARD MILLET								
Sl. No.	**Name of variety**	**Pedigree**	**Institute where developed**	**Year of release**	**Maturity (days)**	**Avg. Yield (q/ha)**	**Area of adaptation**	**Special features**
1	CO(KV) 2	Pureline selection from EF 79	TNAU, Coimbatore	2008	95-100	21-22	Tamil Nadu state	Non-lodging, profuse tillering, and suitable for contingency planting.
2	DHBM 93-3	VL-13XIEC-566	ARS, Hanumanmatti, UAS, Dharwad	2016	90-95	22-24	National	Responsive to fertilizer application
3	DHB-93-2	EF-8 × IEC-566	ARS, Hanumanmatti, UAS, Dharwad	2018	86-88	Grain yield: 27.6 q/ha and Fodder yield: 6.19 t/ha	Recommended for cultivation in Agro-climatic Zone -3 and 8 of Karnataka state	Variety suitable for contingency planting.
4	MDU-1	Pure line selection from Aruppukottai local	Agricultural college & Research Institute, TNAU, Madurai	2018	95-100	Grain yield of 15-17 q/ha (Rainfed) and 22-25 q/ha (Irrigated) Fodder yield of 30-33 q/ha	Suitable for southern districts of Tamil Nadu	Suitable for *kharif*, *rabi* and summer seasons throughout Tamil Nadu No-shattering, High milling percentage (70 %),
LITTLE MILLET								

Sl. No.	Name of variety	Pedigree	Institute where developed	Year of release	Maturity (days)	Av. Yield (q/ha)	Area of adaptation	Special features
1	OLM 208	Selection from Lajigada local	OUAT, Berhampur	2009	100-105	12-15	National	Moderately resistant to shootfly
2	OLM 217	Selection from Udayagiri local	OUAT, Berhampur	2009	105-110	15-16	National	Resistant to rust and grain smut, but moderately resistant to sheath blight, tolerant to shootfly
3	Co 4	Co 2 x MS 1684	TNAU, Coimbatore	2005	75-80	16-20	Tamilnadu	Non-lodging, suitable for double cropping,\.
4	JK 36	Selection from local Shahdolgermplasm	Rewa, JNKVV, Jabalpur	2009	75-80	10-12	M.P. state	Tolerant to shootfly
5	BL 6	Paiyur 1 x OLM 29	Jagdalpur IGKVV, Raipur	2016	90-95	12-14	National	Recommended for upland cultivation, and rich in zinc and calcium
6	DHLM 36-3	Co-4 x Paiyur – 2	ARS, Hanumanmatti, UAS, Dharwad	2018	95-100	14-16	Karnataka	Late maturing variety
7	Chhattisgarh Kutki-2 (BL-4)	CO-2 x TNAU 97	Jagdalpur IGKVV, Raipur	2016	90-95	10-12	Chhattisgarh	It has high iron content (28.3 mg/100 g grain). Tolerant to major pests.
8	GV-2	Derivative from mutant of released variety 'Gujarat Vari -1'	Waghai, NAU, Navsari	2016	115-125	26-28	Gujarat	Clean White colour and bold seeded, Resistant to pest and diseases.
9	Phule Ekadashi(KOPL M 83)	Selection from local germplasm	ZARS, Kolhapur, MPKV rahuri	2016	120-130	12-14	Sub-montane and Ghat Zone of Maharashtra	Non- lodging.
10	JawaharKutki 4 (JK 4)	DLM 42 x Kutki 1	Rewa JNKVV Jabalpur	2016	75-80	13-15	Rainfed areas of Madhya Pradesh	Suitable for sole as well as inter/mixed cropping, responsive to NPK, resistant to drought, lodging, and key

								pest Shoot fly and moderately resistant to head smut
11	DHLM-14-1	CO-2 x TNAU-110	ARS, Hanumanmatti, UAS, Dharwad	2017	97-99	Grain yield: 16.0 q/ha and Fodder yield: 6.10 t/ha	Recommended for Tamilnadu, Karnataka, Gujarat, Maharashtra and Orissa	Tolerant to shoot fly.
12	GNV-3	Pure line selection from local land races collected from the Dangs district of Gujarat.	Waghai, NAU, Navsari	2018	110-115	28-29	Gujarat Agro-climatic Zone- I, II & III. (Dry lands/ hilly / tribal region of Dangs, Valsad, Navsari and Panchmahal districts of Gujarat)	Bold seeded, multi-tillering little millet variety with non-lodging habit,resistant to leaf, neck and panicle blast disease as well as to grain smut and sheath blight, Variety has good nutritional properties particularly high minerals, crude fiber, calcium, phosphorus, iron and magnesium .

PROSO MILLET								
Sl. No.	**Name of variety**	**Pedigree**	**Institute where developed**	**Year of release**	**Maturity (days)**	**Avg. Yield (q/ha)**	**Area of adaptation**	**Special features**
1	TNAU 145	PV 1454 x TNAU 96	TNAU, Coimbatore	2007	70-72	18-20	Tamil Nadu	High yielding, superior grain quality for value addition.
2	CO(PV) 5 (TNAU 143)	PV 1403 x GPUP 21	TNAU, Coimbatore	2007	70-75	23-25	National	High yield, profuse tillering, drought tolerant
3	TNAU 151	TNAU 96 x PV 1673	TNAU, Coimbatore	2008	72-75	18-20	National	Bold grains, tolerant to shootfly

4	TNAU 164	TNAU 137 x CO 4	TNAU, Coimbatore	2009	70-75	18-20	National	Non lodging, tolerant to shootfly and rust
5	Pratap Cheena-1 (PR-18)	Pure line selection	MPUA &T, Udaipur	2006	65-70	15-17	National	Early duration, dual purpose.
6	PRC 1	Selection from GPMS 519	Ranichauri, GBPUA&T, Pantnagar	2008	70-75	10-12	Uttarakhand hills	Resistant to leaf blight
7	TNAU 202	PV 1453 x GPUP 16	TNAU, Coimbatore	2011	70-75	18-20	National	Profuse tillering and bold grains
8	TNPm-230	TNAU-164 x IPM-19	TNAU, Coimbatore	2017	70-75	21-23	National	Short duration, drought tolerant variety.
9	DHP-2769	Selection from IPM-2769	ARS, Hanumanmatti, UAS, Dharwad	2018	70-72	Grain yield: 24.6 q/ha and Fodder yield: 4.16 t/ha	Recommended for cultivation in Agro-climatic Zone -3 and 8 of Karnataka state	Variety suitable for contingency planting