

Table 1 List of cultures/varieties with their pedigree and source of origin

Serial. Number.	Cultures	Pedigree	Source
1	SN1-2	T ₇ - NG 0.005 %, PS - 6 hrs. D - 6 hrs.	OUAT
2	SE3-2	T ₆ - EMS 0.6%, PS - 6 hrs. D - 6 hrs.	OUAT
3	SE1-2	T ₄ - EMS 0.2 %, PS - 6 hrs. D - 6 hrs.	OUAT
4	SG1-1	T ₁ - Gamma-rays 20 kR	OUAT
5	SN3-3	T ₉ - NG 0.015 %, PS - 6 hrs. D - 6 hrs.	OUAT
6	SG3-3	T ₃ - Gamma-rays 60 kR	OUAT
7	SE2-3	T ₅ EMS 0.4 %, PS - 6 hrs. D - 6 hrs.	OUAT
8	SM1-3	T ₁₀ - MH 0.01 %, PS - 6 hrs. D - 6 hrs.	OUAT
9	SE2-2	T ₅ - EMS 0.4 %, PS - 6 hrs. D - 6 hrs.	OUAT
10	SG1-2	T ₁ - Gamma-rays 20 kR	OUAT
11	ON3-2	T ₉ - NG 0.015 %, PS - 6 hrs. D - 6 hrs.	OUAT
12	ON3-3	T ₉ - NG 0.015 %, PS - 6 hrs. D - 6 hrs.	OUAT
13	OM1-3	T ₁₀ - MH 0.01 %, PS - 6 hrs. D - 6 hrs.	OUAT
14	ON3-1	T ₉ - NG 0.015 %, PS - 6 hrs. D - 6 hrs.	OUAT
15	OE1-2	T ₄ - EMS 0.2 %, PS - 6 hrs. D - 6 hrs.	OUAT
16	OE2-3	T ₅ - EMS 0.4 %, PS - 6 hrs. D - 6 hrs.	OUAT
17	OG3-3	T ₃ - Gamma-rays 60 kR	OUAT
18	OG1-1	T ₁ - Gamma-rays 20 kR	OUAT
19	OG3-2	T ₃ - Gamma-rays 60 kR	OUAT
20	OG1N2-3	T ₁₄ - Gamma-rays 40 kR + NG (0.010 %), PS - 6 hrs. D-6 hrs.	OUAT
21	OM2-3	T ₁₁ - MH 0.02 %, PS - 6 hrs. D - 6 hrs.	OUAT
22	OG1M2-3	T ₁₅ - Gamma-rays 40 kR + MH (0.02 %), PS - 6 hrs. D-6 hrs.	OUAT
	PARENTS		
23	Sujata	L24-2 x Pusa Baisakhi	ODISHA PROVINCE
24	OBBG-52	A mutant of K-851 (EMS@ 0.375%)	OUAT
	STANDARD VARIETIES		
25	TARM-1	RUM 5 x TPM 1	BARC
26	PDM54	Selection from germplasm collected from Kundawa Bahraich, Uttar Pradesh Province, India.	IIPR
	LOCAL		
27	Sonpur-2	A local genotype collected from Balangir District, Odisha Province, India.	OUAT
28	Jhainmung(B-2)	A local genotype collected from Bargarh District, Odisha Province, India.	OUAT
29	Kendrapara(A)	A local genotype collected from Kendrapara District, Odisha Province, India.	OUAT
30	Kopargaon	A selection from local genotypes of Kopergaon, Maharastra Province, India.	MH