Hybrids released since year 2001:

Sr. No.	Hybrids/ Variety	Pedigree	Year of release	Condition of recomme-ndation	Area of adoption	Maturity duration and salient features
1	GHB-526	ICMA 95222 x J-2372	2002	Summer	Across the country	Late type 75-80 days, medium tall, good tillering, narrow leaves with greenish-white mid rib, compact conical ear heads with obovate grey-brown grains. The average grain yield recorded 4500-4800 kg/ha.
			2002	Pre-rabi	Gujarat State	
2	GHB-558 Late type	ICMA 94555 x J-2290	2002	Kharif	Across the country	75-80 days, medium tall, good tillering, broad leaves, long thick compact conical ear heads with obovate dark grey bold grains.The average grain yield in kharif season 2800-3000 kg/ha and in summer 4500-5000 kg/ha.
			2003	Summer	Across the country	
3	GHB-577 Medium duration	JMSA-101 x J-2405	2003	Kharif	For Zone 'A' of the country	70-75 days, tall, good tillering, medium thick stem with basal pigmentation, semi-compact cylindrical ear heads and globular grains.The average grain yield in kharif season 2800-3100 kg/ha.
4	GHB-538 Early type	ICMA 95444 x J-2340	2004	Kharif	For Zone 'A1' of the country	65-70 days, medium tall, good tillering, drought resistant, compact cylindrical ear heads, globular light brownish grey colour grains. The average grain yield in kharif season 2700-3000 kg/ha and in summer 4500-5000 kg/ha.
			2006	Summer & Semi-rabi	Gujarat State	
5	GHB-719 Early type	ICMA 95222 x J-2454	2006	Kharif	For Zone 'A1' of the country	70-74 days, medium tall, good tillering, drought resistant, compact cylindrical with bristle ear heads, globular light brownish grey colour grains. The average grain yield in kharif season 2800-3200 kg/ha.
	GHB-732	ICMA	2007	Kharif	For Zone	80-85 days, medium tall, good

6	Late type	96222 x J-2340			'A' of the country	tillering, broad leaves long thick compact ear heads, bold globular grains with attractive colour. The average grain yield in kharif season 3000-3400 kg/ha and in summer 4700-5200 kg/ha.
			2011	Summer	Gujarat State	
7	GHB-744	ICMA 98444 x J-2340	2007	Kharif	For Zone 'A' of the country	Medium duration 76-80 days, tall, good tillering, medium thick stem with basal pigmentation, compact and medium long ear heads, bold globular grains with attractive colour.The average grain yield in kharif season 3000-3200 kg/ha.
8	GHB-757	ICMA 92777 x J-2467	2007	Kharif	For Zone 'A1' of the country	Early type 70-74 days, medium tall, good tillering, drought resistant, compact, medium long ear heads, medium grain size with attractive colour.The average grain yield in kharif season 2800-3100 kg/ha.
9	GHB-905	ICMA 04999 x J-2454	2012	Kharif	For Zone 'A' of the country	Medium duration 75-80 days, medium tall, good tillering, drought resistant, compact, medium long with bristled ear head, medium grain size with attractive colour. The average grain yield in kharif season 3100-3300 kg/ha.
10	GHB 1129 (*Jam Shakti*) Biofortified	ICMA 99222 x J-2565	2019	kharif and Summer	For Gujarat state	Medium maturing, medium size globular, grey brown colourgrain, with compact cylindrical head and resistant to downy mildew and blast diseases. Grain contains Fe >70 ppm andZn> 40 ppm. The average grain yield in kharif 2957 kg/ha and in summer 5303 kg/ha while average dry fodder yield in kharif 6210 kg/ha and in summer 9180 kg/ha.
11	GHB 1225 (*Moti Shakti*)	ICMA 98222	2019	Kharif	For Gujarat state	Late maturing, compact thick panicle, deep grey hexagonal shape

	Biofortified	x J-2591				medium grain and resistant to downy mildew and blast diseases. The grain contains Fe >70 ppm and Zn> 40 ppm. The average grain yield in kharif 3023 kg/ha and dry fodder yield 7310 kg/ha.
12	GHB 1231 (*Sawaj Shakti*) Biofortified	ICMA 11222 x J-2597	2020	kharif	For Gujarat state	Late maturing, conical shape thick panicle, yellow colour globular shape medium grain and resistant to downy mildew and blast diseases.The grains contain Fe >70 ppm and Zn> 40 ppm. The average grain yield during kharif, summer and semi rabi 2916, 5737 and 4485 kg/ha, respectively while dry fodder yield 7545, 8193 and 8212 kg/ha, respectively.
			2021	Summer and Semi rabi	For Gujarat state	
13	GHB 538 (EDV: DM) (*Maru Sona*)	ICMA 95444 x J-2340 improved	2021	kharif	For Gujarat state	Marker-assisted selection improved version of earlier released hybrid GHB-538. Resistance against DM and blast disease, early 65-70 days maturity, medium tall, good tillering, compact long cylindrical ear heads, globular grey brown grains. Average grain and dry fodder yield in A_1 zone condition recorded 1939 kg/ha and 4350 kg/ha, respectively. The average grain yield 2589 kg/ha and dry fodder yield 6320 kg/ha recorded under Gujarat condition.
			2022	kharif	For Zone 'A1' of the country	
14	GHB 1294 (*Maru Moti*)	ICMA 93333 x J-2632	2023	kharif	For Zone 'A1' of the country and Gujarat state	Early maturing (78 days) dual purpose hybrid with lanceolate shape compact panicle, medium plant height, grey brown colour hexagonal shape medium size grain, resistant to downy mildew and blast diseases and other diseases and tolerant to major pearl millet pest. Average grain and
			2024	Kharif State endorsement	For Gujarat state	

						dry fodder yield in A_1 zone condition recorded 2717 kg/ha and 7306 kg/ha, respectively. The average grain yield 2223 kg/ha and dry fodder yield 5184 kg/ha recorded under Gujarat condition
15	GHB 1305(*Sorath Maru Shakti*) Biofortified	$ICMA_4$ 15777 x J-2571	2025	kharif	For Zone 'A1' of the country and Gujarat state	Early maturing (77 days), medium height, Broad leaves, grey colour bold grain with thicklanceolate shape panicles with resistance to major pearl millet diseases and moderately resistance to pest. Average grain and dry fodder yield in A_1 zone condition is 2148 kg/ha and 4778 kg/ha, respectively. The average grain yield 2472 kg/ha and dry fodder yield 6203 kg/ha recorded under Gujarat condition. This hybrid grain contains more than 70 ppm Fe and 40 ppm Zn.
			2025	Kharif State endorsement	For Gujarat state	