

### Details of nationally released **kharif sorghum varieties**

S. No	Variety	Name under which tested in the project	Year of release	Notification No.	Centre which developed the hybrid	Pedigree of the hybrid	Pedigree of the parental lines of the hybrid	Grain Yield (q/ha)	Fodder yield (q/ha)	Maturity (Days)	Salient features	Area for which recommended
1	CSV 1	Swarna	1968	4045/ 24.09.69	NRCS	Sel. from IS3924	IS 3924-kafir durra(USA)	30	78	100	Pl.Ht. 140-160 cm, Purple pigmented, stem medium and juicy, dark green leaves, earhead elliptic and compact, grain elliptical and bold, yellow endosperm.	All kharif sorghum growing areas in Maharashtra, Karnataka, Gujarat & AP
2	CSV 2	302	1974	440(E)/ 21.08.75 & 786/ 2.2.76 & 13/ 19.12.78	NRCS	IS 3922 x Karad local	IS 3922-kafir durra (USA) Karad local-a kharif local from Maharashtra	30	75	105	Pl.Ht. 170-180 cm, Purple pigmented, stem thick and juicy, earhead elliptic and semi compact, Glumes reddish purple with awns. Grain bold.	kharif sorghum growing areas in Maharashtra, Rajasthan, bundelkhand (UP) north telangana (AP)
3	CSV 3	370	1974	786/ 2.2.76 & 13/ 19.12.78	NRCS	IS 2954 x BP 53	IS 2954-Durra Caudatum (USA) BP53=IS18432-India-durra, a Gujarat kharif local	35	-	110	Pl.Ht. 175-180 cm, Purple pigmented, stem thick and juicy, earhead elliptic and lax, Glumes straw coloured,. Grain white pearly. Resistant to downy mildew.	All kharif sorghum growing areas of India.
4	CSV 4	CS 3541	1974	786/ 2.2.76 & 13/ 19.12.78	NRCS	IS 3675 x IS 3541	IS 3675-kafir durra (USA) Back 2931, BKAFx8038 B yel. IS 3541-Zerazera(Ethiopia)	30	-	110	Pl.Ht. 130-150 cm, Tan, stem thick and juicy, leaves light green, earhead short and oval shaped. Glumes short & straw coloured,. Grain white pearly. Resistant to major diseases.	All kharif sorghum growing areas of India.
5	CSV 5	148/168	1974	13/ 19.12.78	NRCS	IS 3687 x Aispuri	IS 3687-durra-caudatum (USA) Aispuri (IS 1151)-durra (India) a Maharashtra kharif	12	-	120	Pl.Ht. 130-150 cm, Tan, stem thick and juicy, leaves light green, earhead short and oval shaped. Glumes short & straw	All kharif, early rabi and summer sorghum growing areas of

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							local				coloured,. Grain white pearly. Non lodging.	India. Especially suited to humid areas of TN, Karnataka and Maharashtra
6	CSV 6	604	1974	-	NRCS	IS 3922 x Aispuri	IS 3922-kafir durra(USA) Aispuri(IS 1151)-durra (India) a Maharashtra kharif local	32	-	120	Pl.Ht. 200-220 cm, Purple pigmented, stem thick and juicy, earhead well exerted elliptic and semi compact, Glumes short and straw colour. Grain round flat pearly white colour..	TN, Karnataka, vidarbha of Maharashtra, Kota of Rajasthan, south Gujarat, and Bundelkhand region of UP.
7	CSV 10	SPV 346	1983	295 (E) / 09.04.85	Udaipur	SB 1066 x CS 3541	SB 1066-Sel from SC 108(Purdue USA) CS 3541-IS 3675 x IS 3541	28	90	194	Tall, dual purpose, bold grain, compact head, tolerant to insect pest, tolerant to grain deterioration and leaf spot diseases.	Maharashtra, Karnataka, AP, MP, UP, Gujarat, Rajasthan
8	CSV 11	SPV 351	1985	295 (E) / 09.04.85	ICRIS AT	(SC 108-3 x CS 3541) -11-1	SC 108-3-Sel from SC 108 SC 108-Purdue, USA CS 3541-IS 3675xIS 3541	32	96	180	Medium tall, long loose panicle, small seed, tolerant to grain deterioration and leaf spot diseases.	Maharashtra, Karnataka, AP, MP, UP
9	CO 26	SPV 462	1985	867 (E) dt.26.11.86 (CR in 1999)	Coimbatore	(IS2947 x SPV232)x 1022	IS 2947-Caudatum(USA) SPV 232-148 x 512 148-IS 3687 x Aispuri IS 3687-durra-Caudatum (USA) Aispuri IS1151-durra(India) , a kharif local from Maharashtra 512-derivative of BP53 (kharif local from Gujarat)	33	97	208	Tall, dual purpose, loose panicle, bold round attractive seed, sweet stalk, tolerant to insect pests grain deterioration and several leaf spot diseases.	Karnataka, Tamil Nadu, A.P
10	CSV 13	SPV 475	1988	471(E) dt.05.05.88	ICRIS AT	(IS12622x 555)x IS	IS12622- Durra Bicolor (Ethiopia)	35	97	181	Medium tall, small seed semi-loose head, thin stem, tolerant to	Maharashtra, Karnataka, AP,

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						3612 x E 35-1-52	555 - IS 3687 x Aispuri IS 3612-Caudatum(Nigeria) E35-1-Ethiopian early line				insect pests, grain deterioration and several leaf spot diseases.	MP, UP, Gujarat, Rajasthan, Tamil Nadu
11	CSV 15	SPV 946	1996	349 (E) dt.20.5.96	NRCS	SPV 475 x SPV 462	SPV 475-See S.no 11 SPV 462-See S.no. 10	36	121	232	Tall, dual purpose, sweet stalk, medium bold round seed, glumes small and straw colour, large ear-head, oblong shape, compact upto middle and open toward apex, resistant to all leaf spot diseases, tolerant to shootfly and stem borer. Recommended as dual purpose and also as green forage variety for North West India.	Maharashtra, Karnataka, AP, MP, UP, Gujarat, Rajasthan, Tamil Nadu
12	CSV 17	SPV 1489	2002	449(E) 11.02.2009	Udaipur	SPV 946 x SPV 772	SPV 946- See S.no 12 SPV 772- SPV 233 x SPV 350 SPV 233-{ (IC 419-1(2077A x 3541) x Merta local SPV 350-{(SC 108-3 x CS 3541)-3-1}	25	68	150	Early maturing, tan plant type with dark green leaves, white dull midrib colour, well exerted, cylindrical, semi compact panicle, creamy seed colour, free threshing, moderately resistant to shoot fly and stem borer as the checks. Resistant to rust, anthracnose, zonate leaf spot, gray leaf spot, rough leaf spot, sugary disease & charcoal rot	Low rainfall and drought prone sorghum growing regions of the country
13	CSV 20	SPV 1616	2006	449(E) 11.02.2009	DSR	SPV 946 x Kh 89-246		31	133	240	Tall, semi-compact panicle with dense clustering of grain in panicle branches, panicle shape oblong and pearly white bold seed, for All India cultivation.	All sorghum growing areas of India.
14	CSV 27	SPV 1870	2012	S.O. 1708 (E) 26.07.2012	DSR	(GJ 38 x Indore 12)-2-1-2-1 GJ 38 = GJ	(GJ 38 x Indore 12)-2-1-2-1 GJ 38 = GJ 35 x E 35-1 E35-1-Ethiopian early line Indore 12 = (SSV53 x	28	193	116	Kharif as rainfed crop, 235 cm long, yellow green midrib, semi-compact symmetric panicle, grayed yellow bold seed. Resistant	All sorghum growing areas of India.

