

New High Yielding Varieties of Fodder Crops in India

SL. No.	Crop	Variety	Year of release/ notification	Institution involved in Development of variety	Recommended area for cultivation	Green Fodder Yield (t/ha)
KHARIF SEASON						
Sorghum (Single-cut type)						
1		CSV 21 SF (NC)	2006	GAU, Navsari Ag. Univ., Surat	All India	38
2		HJ 513	2006	CCS HAU, Hisar	North West India	43
3		Pant Chari 5	2000	G.B.P.U.A.&T., Pantnagar	Entire Sorghum growing belt	40
4		Haryana Chari-308 (HC-308) (NC)	1996	CCS HAU, Hisar	All sorghum growing areas in the country	44
Sorghum (Multi-cut type)						
5		CSH – 24 MF Hybrid (NC)	2009	G.B.P.U.A.&T., Pantnagar	All India	90
6		Pant Chari 6 (UPMC 503) Open pollinated type	2006	G.B.P.U.A.&T., Pantnagar	Uttaranchal	80
7		Pusa Chari 615 Open pollinated type	2006	IARI, New Delhi	NCR region	70
8		CSH – 20 MF Hybrid (UPMCH – 1101)	2005	G.B.P.U.A.&T., Pantnagar	All India	90
9		Pusa Chari Hybrid (109) - PCH 109	2005	IARI, New Delhi	NCR region	82
10		Co FS-29	2001	TNAU, Coimbatore	Entire sorghum growing areas in Tamil Nadu state under irrigated condition	150
Cowpea						
11		UPC 628	2010	G.B.P.U.A.&T., Pantnagar	Northeast, Northwest and hill zones	40
12		UPC 625	2009	G.B.P.U.A.&T., Pantnagar	Whole India	35
13		UPC 622 (ZC)	2007	G.B.P.U.A.&T., Pantnagar	Northeast, Northwest and hill zones	32
14		UPC 618	2006	G.B.P.U.A.&T.,	North-West India	30

				Pantnagar		
15		CL 367	2006	PAU, Ludhiana	Punjab	28
16		UPC-607	2002	G.B.P.U.A.&T., Pantnagar	Northwest and Central Zone	35
17		UPC-9202(ZC)	1999	G.B.P.U.A.&T., Pantnagar	Central Zone of the country	35
18		Bundle Lobia-2 (ZC)	1994	IGFRI, Jhansi	North-West India with moderate rainfall	29
19		Bundle Lobia-1 (NC)	1992	IGFRI, Jhansi	Whole India	32
20		UPC-5286 (NC)	1982	G.B.P.U.A.&T., Pantnagar	Whole India	31
Pearl Millet						
21		Baif Bajra 1	2010	BAIF, Development Research Foundation, Urulikanchan, Pune	All India	40
22		Narendra Chara Bajra 2 (NDFB - 2)	2009	N.D. Univ. of Ag. & Tech., Kumarganj, Faizabad, U.P.	Northeast plain zone	47
23		Avika Bajara Chari (AVKB- 19)	2009	IGFRI, Jhansi	North-west Zone under rain fed condition	36
24		PCB-164	2007	PAU, Ludhiana	Whole India	31
25		FBC 16	2007	PAU, Ludhiana	Whole India	49
26		Gujarat Fodder Bajra 1 (GFB - 1)	2005	AAU, Anand	North-West India	50
27		RBC-2 (NC)	1990	RAU, Bikaner	Rajasthan state	30
28		Giant Bajara (NC)	1985	MPKV, Rahuri	Whole India	55
Cluster bean						
29		Guar Kranti (RGC 1031)	2005	ARS, Durgapura, Rajasthan	Rajasthan state	35
30		Bundel Guar-3	1999	IGFRI, Jhansi	Entire Cluster bean growing belt in India	34
Rice bean						
31		Bidhan -1 (NC)	2000	BCKV, Kalyani, W.B.	North-East Zone	35
32		RBL-6	2000	PAU, Ludhiana	Entire country	31
Maize						
33		Pratap Makka Chari 6 (ZC)	2009	MPUA&T, Udaipur	North-west Zone	35
34		J-1006 (NC)	1992	PAU, Ludhiana	North-west Zone	41
35		African tall (NC)	1983	MPKV, Rahuri	Entire country	50
Teosinte						
36		TL-1	1996	PAU, Ludhiana	North and North-west Zone	48

Job's Tear - Coix						
37		Bidhan Coix -1	2008	BCKV, Kalyani, W.B.	Eastern and North-East Zone	34
38		KCA – 4	2005	BCKV, Kalyani, W.B.	North-East Zone	60
RABI SEASON						
Oats						
39		Phule Harita (RO-19)	2007	MPKV, Rahuri	All oat growing areas	60
40		Bundel Jai 2004 (JHO 2000-4)	2006	IGFRI, Jhansi	All India	40
41		Bundel Jai 991 (JHO 99-1)	2005	IGFRI, Jhansi	Whole India & Hill Zone	32
42		Bundel Jai 992 (JHO 99-2)	2005	IGFRI, Jhansi	Northwest and North East Zone	50
43		OL-125 (ZC)	1995	PAU, Ludhiana	Northwest and Central zone	56
44		Bundel Jai 822 (JHO 822) (ZC)	1989	IGFRI, Jhansi	Central Zone	37
45		OS-6 (NC)	1982	CCS HAU, Hisar	temperate and sub-tropical region	52
46		Kent (NC)	1978	PAU, Ludhiana	All oat growing areas in Northwest and Central zone	45
Berseem						
47		BL-42	2007	PAU, Ludhiana	Pubjab, Haryana and HP	70
48		BL – 180	2006	PAU, Ludhiana	Northwestern zone and hilly areas	55
49		Hisar Berseem 1 (HFB- 600)	2006	CCSHAU, Hisar	Northwestern zone and hilly areas	68
50		Jawahar Berseem 5 (JB 5)	2005	JNKVV, Jabalpur	Central Zone	58
51		Bundle Berseem-3 (ZC)	2001	IGFRI, Jhansi	Tropical and sub-tropical zone	56
52		Bundle Berseem-2 (JHB-146) (ZC)	1997	IGFRI, Jhansi	Northwest and Central zone	79
53		Bl-22 (ZC)	1988	PAU, Ludhiana	Sub temperate regions of the north and Central zone	52
54		Wardan (S-99-1) (NC)	1982	IGFRI, Jhansi	Entire berseem growing areas in the country	65
55		Mescavi (NC)	1978	CCSHAU, Hisar	All India	62
Lucerne						
56		Anand Lucerne 3	2009	AAU, Anand	Whole India	75
57		RL-88 (NC)	1996	MPKV, Rahuri	Whole India	75
58		Anand 2 (NC)	1984	AAU, Anand	Whole Maharashtra, Gujarat and Rajasthan state	65
Barley (Dual Purpose)						

59		RD 2715	2008	ARS, Durgapura	Central Zone	35
Perennial Grasses						
Guinea Grass						
60		Bundel Guinea -2	2009	IGFRI, Jhansi	Whole India	43
61		Bundel Guinea -1	2005	IGFRI, Jhansi	Whole India	53
62		PGG-616 (NC)	2001	PAU, Ludhiana	Northwest, Southern and Hill zone of the country Under irrigated condition	40
63		Riversdale (NC)	1964	Kerala Livestock Development Board, Kerala	Recommended for cultivation in uplands and plains of Kerala, Tamil Nadu, and Andhra Pradesh states	70
Hybrid Napier						
64		CO-4	2008	TNAU, Tamil Nadu	Most of the soils, except heavy clay, highly alkaline and water logged soils	250
65		PBN-233 (NC)	1999	PAU, Ludhiana	For cultivation in Punjab	135
66		CO-3 (NC)	1997	TNAU, Tamil Nadu	Tamil Nadu state under irrigated condition	200
Dinanath grass						
67		Bundle Dinanath-2 (NC)	1989	IGFRI, Jhansi	All India	37
68		Bundle Dinanath-1 (NC)	1987	IGFRI, Jhansi	All India	34
Anjan Grass						
69		Bundel Anjan-3	2006	IGFRI, Jhansi	Arid and Semi-arid tracts of Northwest and Southern zone of country under rainfed conditions	37
Setaria Grass						
70		Setaria-92	2005	HPKV, Palampur	Sub-tropical grassland, pasture and wastelands for grazing as well as for cut and carry system in region of Himachal Pradesh and Uttarakhand	31

*NC- National Check, ZC- Zonal Check