

## Hybrids of maize released from 2000

S. No.	Variety	Year of release	Maturity	Area of adaptation	Average yield (t/ha)	Other characteristics
1	KMH-218 Plus	2012	Medium	UP, Bihar, Jharkhand and Orissa	6.3	Yellow, dent
2	KMH-3426	2012	Medium	UP, Bihar, Jharkhand, Orissa, Rajasthan, Gujarat, MP and Chhattisgarh	6.5	Orange, semi-dent
3	NMH-731	2012	Late	Rajasthan, Gujarat, MP and Chhattisgarh	5.4	Orange-yellow, semi-dent
4	NMH-803	2012	Medium	Eastern UP, Bihar, Jharkhand, Orissa, Rajasthan, Gujarat, MP and Chhattisgarh	6.2	Yellow, dent
5	HM-12	2012	Medium	UP, Bihar, Jharkhand and Orissa	5.8	White, Semi-dent
6	KMH-25K60	2012	Medium	AP, Maharashtra, Karnataka & TN	8.6	Yellow, dent
7	KMH 3712	2012	Medium	Punjab, Haryana, Delhi, UP, Bihar, Jharkhand, West Bengal, Orissa, Rajasthan, Gujarat, M.P and Chhattisgarh	7.7	Orange-yellow, semi-dent
8	NMH-920	2012	Late	UP, Bihar, Orissa and Jharkhand	7.7	Orange-yellow, semi-dent
9	Bisco x 1 (Bisco 506)	2012	Medium	UP, Bihar, Jharkhand, Orissa, AP, Karnataka, Maharashtra and TN	9.0	Yellow, dent,
10	P3441 (X8B691)	2012	Medium	Punjab, Haryana, Delhi, UP, Bihar, Jharkhand, Orissa, Rajasthan, Gujarat, MP and Chhattisgarh	8.0	Orange, flint
11	P3502 (X8B562)	2012	Medium	Rajasthan, Gujarat, MP and Chhattisgarh	5.7	Orange, flint
12	NK-30 (NECH-132)	2012	Late	Punjab, Haryana, Delhi, Western UP, Karnataka, AP, TN & Maharashtra	7.0	Yellow-orange, flint, nutrient responsive
13	NK 6240 (NECH-131)	2012	Late	Punjab, Haryana, Delhi, UP, Bihar, Jharkhand, Orissa, Karnataka, AP, TN, Maharashtra, Rajasthan, Gujarat, Chhattisgarh & MP	7.0	Yellow, flint
14	BIO-9682	2012		Madhya Pradesh, Rajasthan, Gujarat, Uttar Pradesh, Punjab and Haryana		
15	Co 6	2012	Late	Rajasthan, Gujarat, MP and Chhattisgarh	6.0	orange-yellow, semi-dent
16	SMH-3904	2012	Late	Punjab, Haryana, Delhi, UP, Bihar, Jharkhand, Orissa, Karnataka, AP, TN, Maharashtra, Rajasthan, Gujarat, Chhattisgarh & MP	7.0	Yellow-orange, semi-flint,
17	Vivek Maize Hybrid 43	2012	Extra-early	East UP, Bihar, Jharkhand, Orissa, Chhattisgarh, WB, Rajasthan, Gujarat, MP & Chhattisgarh	4.8	Yellow, semi-flint
18	Vivek Maize Hybrid 39	2012	Extra-early	Uttarakhand and Himachal Pradesh	7.1	Yellow, semi-flint
19	P3501 (X7B401)	2012		UP, Bihar, Orissa, Jharkhand, MP, Rajasthan and Gujarat	6.5	Yellow, dent
20	Bisco 855 (Bisco Bhim)	2011	Medium	AP, Maharashtra, Karnataka & TN	8.3	White dent
21	Bisco 555 (Bisco Ujala)	2011	Medium	Delhi, Punjab, Haryana and Western Uttar Pradesh		
22	Bisco 111 (Bisco 840)	2011	Medium	Rajasthan, Gujarat, MP., Chhattisgarh		Orange-yellow, dent,
23	DHM 119 (BH 4062)	2011	Medium	AP, TN, Maharashtra & Karnataka	7.0	Yellow, flint, Nutrient responsive & resistance to lodging
24	PMH 4 (JH 31153)	2011	Medium	Delhi, Punjab, Haryana, Uttar Pradesh and UA	8.3	Yellow-orange, flint
25	PMH 5 (JH 31110)	2011	Early	Rajasthan, Gujarat, MP and Chhattisgarh	6.0	Orange, flint
26	YM-9905 (PKVM-SHATAK)	2011	Late	Maharashtra	4.8	White, semi-flint
27	900M Gold (MON 26)	2010	Late	AP, Maharashtra, Karnataka & TN	6.8	Yellow, flint
28	MCH 36 (DKC 9099)	2011	Late	AP, Maharashtra, Karnataka & TN	6.8	Yellow, flint,
29	HSC 1	2010	Medium	Himachal Pradesh and Uttarakhand	12.0	Green cob yield, light yellow, semi-dent, nutrient responsive & resistance to MLB in Kharif
30	HQPM-4	2010	Late	Across the country except Himalayan belt	6.0	Yellow, semi-dent, Nutrient responsive & resistance to MLB & PFSR
31	KMH-22168	2010	Late	Maharashtra		
32	BH-40625 (DHM-117)	2010	Medium	Andhra Pradesh	6.5	Yellow, flint
33	BH-1620 (DHM-113)	2010	Late	Andhra Pradesh	6.6	Orange, semi-dent
34	BH-1576 (DHM-111)	2010	Medium	Andhra Pradesh	6.5	Yellow, semi-dent
35	HM-11 (HKH-1237)	2009	Late	Across the country except Himalayan belt	5.5	Orange, flint
36	DKC 7074 R (MCH-35)	2009	Early	Karnataka, AP, TN, Maharashtra, Punjab, Haryana, Rajasthan, Gujarat & MP	6.7	Orange, flint, nutrient responsive,
37	Vivek Sankul Makka 35 (VL 113)	2009	early	J & K, HP, UA & NE hills	5.0	Yellow, flint
38	Vivek Sankul Makka 37 (VL 114)	2009	Extra-Early	Karnataka, AP, TN and Maharashtra	5.0	Yellow, Flint
39	Pinnacle (MON 25)	2009	Late	Eastern UP, Bihar, Jharkand & Orissa (rabi)	6.0	Yellow, Flint
40	PAC 740	2009	Late	Punjab, Haryana, Delhi, Western & UP	6.7	Orange, flint, resistant to MLB, CR, PR
41	JKMH-502	2009	Late	Punjab, Haryana, Delhi & UP	6.9	Orange, Flint, moderately resistant to MLB
42	EH-434042 (DHI)	2009	Late	Karnatka	5.5	Flint
43	Partap Makka Chari-6 (EC 3135)					
44	NAH-2049	2009	Late	Karnatka	8.0	Yellow-orange, semi-dent, resistant to lodging

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45	Partap Kanchan-2 WC-236 (Y)	2008	Extra-early	J & K, Uttarakhand	5.6	Yellow, semi-flint, Moderate resistance to ESR, PFSR, MLB, TLB and BLSB
46	HM-10 (HKH-1200)	2008	Medium	Delhi, Punjab, Haryana, Western UP, Rajasthan, Madhya Pradesh, Gujarat, Andhra Pradesh, Tamil Nadu, Maharashtra and Karnataka	7.2	Yellow, semi-flint
47	Chandramani (R 2005-2)	2008	Early	Andhra Pradesh, Tamil Nadu, Karnataka, Maharashtra, Gujarat and Madhya Pradesh	5.0	Yellow-orange, flint
48	PMH-3 (JH 10704)	2008	Late	Delhi, Punjab, Haryana and Western UP	7.5	Orange, flint
49	HQPM-7	2008	Late	Karnataka, AP, TN & Maharashtra	7.2	Yellow, semi-flint
50	Pant Sankul Makka-3 (D 131)	2008	Early	Andhra Pradesh, Tamil Nadu, Karnataka, Maharashtra, Rajasthan, Gujarat and Madhya Pradesh	5.5	Yellow, flint
51	Bajaura Makka (L 201 Composite)	2008	Medium	Uttarakhand and Himachal Pradesh	4.7	Orange, Flint
52	Vivek Maize Hybrid 33 (FH 3352)	2008	Early	Jammu & Kashmir and Uttarakhand	6.0	Yellow, dent
53	Vivek QPM 9 (FQH 4567)	2008	Extra-early	J & K, Uttarakhand, HP, AP, TN, Karnataka & Maharashtra	5.2-5.8	Yellow, dent, performed better at low N2
54	Vivek Sankul Makka 31 (VL-103)					
55	Sharadmani	2008	Early	AP&TN		Yellow, flint
56	Bio-22027	2008	Medium	Punjab, Haryana, Delhi & Uttar Pradesh	7.4	yellow, semi-dent,
57	Vivek Maize Hybrid-27 (FH 3288)	2007	Extra-early	Eastern UP & Bihar, Jharkhand, Orissa, Chattisgarh, & WB & Maharashtra, AP, Karnataka, & TN under rainfed agro-ecosystem	5.0-5.5	yellow, semi-dent,
58	Vivek Maize Hybrid-25 (FH 3248)	2007	Extra-early	Uttarakhand, HP, J&K and NEH region under rainfed ecosystem	5.0-5.5	Bold yellow semi dent, tolerance against TLB
59	Malviya Hybrid Makka-2 (V-33)	2007	Medium	East UP, Bihar, Jharkhand, Chattisgarh, West Bengal, Orissa In kharif.	5.4	Semi flint, yellow, with resistance to MLB, responsive to higher doses of fertilizers
60	HQPM-5	2011	Early	Rajasthan, Gujarat, MP & Chhattisgarh	6	Orange, flint
61	HM-8 (HKH-1188)	2007	Medium	Peninsular India	5-6.8	Orange flint
62	HM-9 (HKH-1191)	2007	Medium	Bihar, Jharkhand, Orissa in kharif	6	Orange flint
63	PAU-352 (JH-3982)	2007	early	Punjab, Haryana, Delhi	3.5-4.8	Resistance to MLB, BSDM, ESR
64	HQPM-1	2007	Late	J&K, Uttarakhand, NE, HP, Assam	6.2	Yellow dent, responsive to higher doses of fertilizers, tolerance to frost/cold, resistance to MLB and common rust
65	Jawahar Pop Corn-11	2007	Medium	MP	3.0-4.0	Orange, flint
66	COH(M) 5	2007	Late	Tamil Nadu under irrigated & rainfed ecology	5	Yellow, semi-flint, Resistance to DM & moderately resistance to SB
67	PMH-1 (JH-10655)	2007	Late	Irrigated areas of Punjab	5.2	Yellow-orange, flint, Resistance to MLB & stalk rots
68	JKMH-1701	2007	Early	J&K, Uttarakhand, NEH region, Maharashtra, Andhra Pradesh, Tamil Nadu & Karnataka	6.0-6.5	Orange, flint, suitable for rainfed and irrigated eco-system
69	Vivek Maize Hybrid-21 (FH-3211)	2007	Extra-Early	Uttarakhand, HP, J&K and NEH regions, Delhi, Punjab, Haryana, Western UP, Andhra Pradesh, Tamil Nadu, Maharashtra & Karnataka	5.0	Yellow, semi-flint
70	30B07 (X-1280 M)	2007	Late	Andhra Pradesh & Tamil Nadu(Rabi)	6.3	
71	Vivek Maize Hybrid-23 (FH-3529)	2007	Early	Hills of Uttaranchal	4.5-5.0	Tall, flint, yellow, bold, moderate tolerance against TLB
72	Shaktiman-3	2006	Late	Bihar	6.0	Tall, QPM hybrid with 0.73% tryptophan in protein, semi flint orange-yellow fair tolerance against MI B, I SM
73	Shaktiman-4	2006	Late	Bihar	6.0	QPM hybrid 0.930 tryptophan in protein, semi flint, resistance against MLB.
74	Maize Hybrid AH-58 (PEHM-3)	2001	Early	Punjab, Haryana, Delhi in Kharif rainy season	4.0-5.5	Yellow flint, bold tolerance to high temperature
75	Pratap Makka-4 (EC-1108)	2006	Medium	J&K, Uttarakhand, NE, HP, Assam in kharif	4.5	White semi flint, moderately resistance to stem borer
76	Pratap Makka-5 (EC-3116)	2006	Medium	Rajasthan, Gujarat, AP, MP, Chattisragh, in kharif	4.5	Tall white flint, moderately resistance to ESR, PFSR, MLB, TLB, BLBS & BSDM, moderately tolerance to stem borer.
77	IC-8306 (MCH-2)	2006		Maharashtra, Andhra Pradesh, Tamil Nadu & Karnataka	6.5-7.5	Suitable for rainfed and irrigated eco-system
78	PMH-2 (JH-3851)	2006	Early	Delhi, Haryana, UP	6.0	Resistance to MLB, BSDM & PFSR
79	COH(M) 4	2005	Medium	TN, rainfed & irrigated ecology	4.5-5.0	moderately resistance to downy mildew & stem borer
80	Birsa Vikas Makka-2	2005	Early	Bihar	3.0-3.5	
81	Shalimar KG Maize-1	2005	Early	Jammu & Kashmir	3.5-4.0	Tolerance to leaf blight, downy mildew, esistance to stem rot, moderate tolerance to stem borer

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82	Shalimar KG Maize-2	2005	Early	Jammu & Kashmir	3.5-4.0	Tassel strongly curved, tolerance to leaf blights, downey mildew & resistance to stem rot, moderate tolerance to stem borer
83	HM-4	2005	Medium	Across the country	6.0-8.0	Regular ovule arrangement, light yellow to cream colour, sweet, 3-4 pinckina/plant
84	HM-5	2005	Medium	Haryana	7.2	White, dent, medium tall, tolerance to frost
85	HQPM-1	2007	Late	J&K, Uttarakhand, NE, HP, Assam	6.2	Yellow, dent, responsive to higher doses of fertilizers, tolerance to frost/cold, resistance to MLB and common rust
86	Buland (JH-6805)	2005	Late	Punjab, UP, Haryana, Delhi, Tarai regions of Uttaranchal.	8.5	Resistance to TLB, Common rust
87	Pratap Makka-3 (EC-3108)	2005	Early	Rajasthan, Gujarat, MP	4.0	White semi flint, moderately resistance to ESR, PFSR, MLB, TLB, BLSB, BSDM, & stem borer, responsive to higher doses of fertilizers
89	Win Orange Sweet Corn	2005	Medium	J&K, Uttarakhand, NE, HP, under rainy season		Shriveled & sugary dent, tolerance to MLB, TLB, ESR
91	VL Baby Corn-1 (VL-78)	2005	Extra early	Across the country	4.0	Baby corn( 1.2-1.3)
94	Vivek Maize Hybrid-15 (FH-3176)	2005	extra early	J & K (Himalayan region), Andhra Pradesh, Tamil Nadu, Maharastra & Karnataka	5.0	Moderate degree of tolerance against TLB
95	Vivek Maize Hybrid-17 (FH-3186)	2005	Extra early	Across the country, except hill states	5.0	Moderate degree of tolerance against TLB, MLB
96	Azad Kamal (R 9803)	2005	Early	Rajasthan, Gujrat, MP	3.0-3.5	Yellowish Orange, tolerance against major diseases, insect-pests
97	D-994	2004	Extra early	Bihar, Jharkhand, Orissa, rainfed ecology.	3.5-4.0	Lodging and water logging tolerant
99	Sakthiman-2	2004	Late	Bihar		Resistance against MLB, QPM hybrid with 1.04% tryptophan in protein
100	Sheetal	2004	Late	Punjab		
101	Jawahar Makka-216	2004	Medium	MP & adjoining states under moderate rainfall condition	4.0-5.0	Resistance against MLB, TLB
102	Pusa Extra Early Hybrid Makka-5 (AH-421)	2004	Extra early	J&k, Uttarakhand, NE, HP, Assam, Haryana, Punjab, Peninsular India	4.5-5.0	Tolerance to TLB, MLB, ESR
103	Pratap Hybrid Maize-1 (EH-50802)	2004	Extra early	Rajasthan, Gujarat, MP, in kharif	3.8	White semi flint, moderately resistance to <i>C. partellus</i>
104	DK-701 (F 7001)		Medium	Haryana, Punjab, Delhi, UP, Bihar, Jharkhand, Assam & Orissa	5.0-6.0	
105	Gujarat Makai-6	2003	Extra early	Bihar, Jharkhand, Orissa, WB, particularly general & central Gujarat agro-climatic zone	3.5-4.0	Tolerance to MLB, BSDM
106	Narmada Moti (IC-9001)	2002	Extra early	Across the country under rainfed condition	3.5-4.0	White seeded, moderate tolerance to <i>C. partellus</i> , & resistance to MLB, TLB
107	Priya Sweet corn	2002	Medium	Peninsular, & AP.		Tolerance to diseases like Turcicum leaf blight, Charcoal rot, Late wilt & Other stalk rots
108	DMH-2	2002	Late	Karnataka		Yellow, semi flint, tall & resistance to SDM
109	Gujarat Makai-3					
110	NAC-6002	2002	Early	Peninsular India, AP, Maharashtra		Resistance to Turcicum leaf blight, downy mildew, stalk borer, corn ear worm & flea beetles
112	Seedtec-740 (SeedTec 2324)	2001		Across the country		
113	Shaktiman-1	2001		Bihar		QPM hybrid with 1.01% tryptophan in protein, flint, white, fair tolerance against to MLB, TLB, BLSB & stem borer
114	Amar (D-941)	2001		Peninsular India, AP, Maharashtra, Karnataka, TN, Rajasthan, Gujarat, MP.		Moderately resistance to major foliar & stalk diseases, tolerance to stem borer, fertilizer responsive, yellow semi-flint
115	JH-3459	2001	Early	Punjab	3.5-4.0	Orange, flint
116	Pusa Early Hybrid Makka-3 (AH-58)	2001	Early	Punjab, Haryana, Delhi in Kharif rainy season	4.0-5.5	Yellow flint, bold tolerance to high temperature
117	Vivek Maize Hybrid-9 (FH 3077)	2001	Extra early	AP, Karnataka & TN under rainfed agro-ecosystem	4.5-5.0	Tolerance against TLB, MLB
118	JKMH-175	2001				
119	Kohinoor	2001		Andhra Pradesh, TN, Karnataka, Maharashtra, Rajasthan, Gujarat & Madhya Pradesh		
120	Vivek Hybrid-5	2001	Extra early	UP under Rainfed condition	4.5-5.0	Bold seeded, tolerance against leaf blight & stem borer yellow semi flint

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121	NAC 6004	2001	Late	Peninsular india, AP, Maharashtra, Karnataka, TN, under irrigated areas		Resistance to TLB, DM, stalk borer, ear worm & flea beetles
123	Gujarat Makai-4	2001		Bihar, Jharkhand, Orrisa & WB		White flint, tolerance to <i>R. herculea</i> , MLB, BSDM, CLS
124	HHM-1 (HKH-1082)	2000	Medium	Haryana under rainfed ecology	5.0-6.0	Resistance to MLB, Common rust, in winter, tolerance to major insect-pests, frost & cold