

IMPROVED VARIETIES OF PULSES

CHICK PEA (GRAM)

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
RSG-44	RAU, Durgapura	1991	Rajasthan	20-23	135-150	Tol. to drought and frost, double podded
KPG-59 (Uday)	CASUAT	1992	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P., Bihar & West Bengal).	20.0	135-140	Tolerant to root rot & wilt stunt. Tolerant to pod borer. Bold seeded. (late sown)
Bharati (ICCV-10)	ICRISAT	1992	SZ (A.P., Karnataka, Orissa & Tamilnadu) CZ (MP, Maharashtra, Gujarat).	18-20	95/-100	Resistant to <i>Fusarium</i> wilt & dry root rot.
Sadabahar	CSAUAT	1992	Uttar Pradesh	21-23	145-150	Tolerant to wilt.
Pusa-372 (BG-372)	IARI	1993	NEPZ (East UP, Bihar, WB). NWPZ (Punjab, Haryana, Delhi, Rajasthan CZ (MS & Gujarat). (late sown)	21-23 14.0 14-15	135-150	Moderately resistant to wilt, blight & root rot., Small seed, light brown
Sweta (ICCV-2)	ICRISAT	1993	Maharashtra, A.P	12-13	80-90	Kabuli gram variety. Resistant to wilt & Botrytis grey mould.
Pusa 329	IARI	1993	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	21-23	145-155	Moderately resistant to Wilt, bold seeded
Vijay (Phule G-81-1-1)	MPKV	1994	CZ (MP, Maharashtra, Gujarat).	19-21	105-110	Resistant to wilt, Tolerant to terminal moisture stress.
Pragati (K-3256)	CSAUAT	1994	Uttar Pradesh.	17-20	140-150	Tolerant to wilt.

CHICK PEA (Continue)

1	2	3	4	5	6	7
Vardan (GNG-663)	RAU, Sriganga- nagar	1995	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	22-25	150-155	Resistant to wilt.
GPF-2 (GF-89-36)	PAU	1995	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	21-23	152	Resistant to wilt & tolerant to Ascochyta blight. Seed yellowish brown
Pusa-362 (BG-362)	IARI	1995	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	23-24	145-150	Tolerant to wilt, Bold seeded.
KWR-108	CSAUAT	1996	NEPZ (East Uttar Pradesh, Bihar, West Bengal).	20-23	130-135	Resistant to wilt, Seeds are dark brown and small.
JG-218	JNKVV	1996	Madhya Pradesh.	18-19	115-120	Early maturing, Tolerant to wilt.
Vishal (Phule G- 87207)	MPKV	1996	CZ (MP,Maharashtra,Gujara t).	20.00	110-115	Resistant to wilt, Tolerant to pod borer, Early maturing.
Alok (KGD- 1168)	CSAUAT	1996	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	19-21	140-150	Med. Bold, Res. to Wilt & Root rot
Pant G-186	GBPUAT	1996	Uttar Pradesh	18-20	135-140	Tolerant to wilt & late sown. Small seeded
Hirwa Chaffa (AKGS-1)	PKV	1996	Maharashtra	15-17	105-110	Green seeded
Samrat (GNG-469)	RAU, Sriganga- nagar	1997	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	20-22	145-150	Res.to Ascochyta blight. Tol. to wilt and root rot. Suitable for rainfed and irrigated areas.
Pusa-391 (BG-391)	IARI	1997	CZ (MP,Maharashtra,Gujarat).	17-18	110-120	Moderately resistant to wilt & root rot. Bold seeded. Light brown

CHICK PEA (Continue)

1	2	3	4	5	6	7
PDG-3 (GF 89-133)	PAU, Ludhiyana	1997	Punjab	15-17	160-165	Tolerant to pod borer.
Karnal Chana-1 (CSG 8962)	CSSRI, Karnal	1997	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	22-25	140-147	Recommended for salt affected areas; Wilt resistant.
DCP-92-3	IIPR	1997	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	19-20	145-150	Lodging and wilt resistant. Yellowish brown and medium bold seeds. Suitable for high fertility and excessive moisture conditions.
JGG-1 (BG-1003) (Pusa Kabuli)	JNKVV IARI	1997 1999	Madhya Pradesh NEPZ (East Uttar Pradesh, Bihar, West Bengal).	13-15 17-19	120-125 140-150	Seed pink White bold seeded, tolerant to wilt.
JG-11	ICRISAT/PKV/ JNKVV	1999	SZ (Orissa, Karnataka, A.P. & Tamilnadu).	15-17	95-100	Resistant to wilt, moderately resistant to root rot. Bold seeded
Gujarat Gram-1	GAU	1999	CZ (MP, Maharashtra, Gujarat).	17-22	115-120	Wilt resistant, Dark brown, medium bold.
Dharwad Pragati (BGD 72)	IARI	1999	CZ (MP, Maharashtra, Gujarat).	25-30	115-120	Resistant to wilt & root rot, bold seeded
CO-3	TNAU	1999	Tamilnadu	9-11	80-85	Bold seeded, Resistant to wilt & Collar rot
CO-4	TNAU	1999	Tamilnadu	9-11	80-85	Bold seeded
JG-322	JNKVV	1999	Madhya Pradesh	18-20	110-115	Suitable for wilt prone areas.
WCG-2 (Surya)	Meerut Uni.	1999	Uttar Pradesh	20-25	135-150	Res.to rot, tol. to stunt & dry root rot

CHICK PEA (Continue)

1	2	3	4	5	6	7
L-551 (Kabuli)	PAU	1999	Punjab.	18-20	135-140	Wilt tolerant.
Gujarat Gram 2 (GCP-107)	GAU	1999	Gujarat	22-24	95-100	Tolerant to wilt and bold seeded
Pusa Chamatkar (G 1053) kabuli	IARI	1999	NWPZ (Punjab, Haryana, Delhi, North Rajasthan & West U.P).	17-19	140-150	Tolerant to wilt
Gujarat Gram-4 (GCP-105)	GAU	2000	NEPZ (East U.P., Bihar, West Bengal).	18-20	135-130	Resistant to wilt. Seeds are dark brown.
PKV Kabuli-2 (KAK 2)	PKV	2000	CZ (MP, CG, MS, Gujarat)	17-18	125-130	Bold seeded
SAKI-9516 (Jawahar gram 16)	JNKVV	2001	CZ (MP, Maharashtra, Gujarat).	18-20	110-120	Resistant to wilt.
Vaibhav (RG 2918)	IGKV	2001	Chhattisgarh	14-15	110-115	Seeds wrinkled and bold
Kranti (ICCC-37)	ICRISAT	2001	Andhra Pradesh	16-20	90-100	Resistance to Wilt & Dry root rot
WCG-10 (Pant G-10)	GBPUAT	2001	Maharashtra, Haryana, U.P.	21-25	147	Resistant to root rot, Mod. Resis. To stunt virus, wilt and dry root rot
Haryana Kabuli 1 (HK- 89-131)	CSSHAU	2002	Haryana	20	142	Resistant to wilt
Virat (Kabuli)	MPKV	2002	Maharashtra	20	108-118	Resistant to wilt
JG-130(Jawahar gram)	JNKVV	2002	Madhya Pradesh	15-16	110-115	Bold, Res.to wilt.
Jawahar Gram-1 (JGK 1)	JNKVV	2002	CZ- M.P., Maharashtra, Gujarat, Bundel khand region of U.P.	15-18	110-115	Mod. Resistant to wilt
Vihar(Phule G-95311)	MPKV	2002	Karnataka, A.P., TN, Orissa	16-18	90-100	Seed Bold, Resistant to wilt

CHICK PEA (Continue)

1	2	3	4	5	6	7
Anubhav (RSG 888)	RAU	2003	Punjab, Haryana, Delhi, North Rajasthan & West U.P).	20-22	130-135	For rainfed, Moderately resistant to wilt & root rot
Pusa 1088	IARI	2003	Delhi	25-30	Med. early	Res. to wilt and root rots diseases.
Pusa 1103	IARI	2004	Delhi	19-23	Early	Resistant to root diseases.
Pusa 1105	IARI	2004	Delhi	25-30	Med.early	Mod. Resistant to root diseases.
Anuradha	Research station, Berhanpur	2004	West Bengal	22-25	120-130	Mod. Resistant to wilt.
Haryana Kabuli Chana 2 (HK 94 134)	CCS HAU	2004	U.P and Bihar	14	138	Resistant to wilt, Collor rot, dry root rot.
Asha (RSG 945)	ARS, Duragapura	2005	Rajasthan	17	75-80	Mod. Res. to dry root rot and wilt.
PGC-1 (Pratap Channa-1)	ARS, Banswara	2005	Rajasthan	12-14	90-95	Mod. Resistant to wilt & pod borer.
Arpita (RSG-895)	RAU, Bikaner	2005	Rajasthan	14	125-130	Mod. Res. to dry root rot, wilt & B.G.M.
Haryana Chana-5 (H 96-99)	HAU, Hisar	2005	Haryana	20	Medium	Res. to <i>Fusarium</i> wilt and root rots
Aadhar (RSG-963)	ARS, Duragapura	2005	Raj, Hary, Punjab, Delhi parts of J & K, Uttranchal and U.P	16-17	125-130	Mod. Resis. To Wilt, Dry root rot, B.G.M. & Collor rot, pod borer, & Nematodes
Himachal chana-2	CSKHPKVV	2006	CZ	19	187	Resis. to Wilt, root rot & color rot, tolerant to Ascochyta Blight

CHICK PEA (Continue)

1	2	3	4	5	6	7
JAKI -9218	PDKV, Akola	2006	CZ	18-20	93-125	Resistant to wilt, root rot, color rot
Abha (RSG-973)	ARS Durgapura	2006	Rajasthan	15-16	120-125	Moderate resistant to wilt, dry root rot
Abha (RSG-807)	ARS Durgapura	2006	Rajasthan	18	120-125	Moderate resistant to dry root rot
Himachal chana-2 (HK-94-134)	CSK HP	2006	Himachal Pradesh	19	Medium	Resistant to wilt, Moderately resistant to root rot & collar rots, tolerant to ascochyta blight
Digvijay	MPKV	2006	Maharashtra	19	105-110	Resistant to fusarium wilt
JG-63	JNKVV	2006	MP	20-25	110-120	Resistance to Wilt, Dry root rot & Mod. Resis. To Collor rot & <i>Helicoverpa</i> Species.
Akash (BDNG- 797)	MPKV	2007	Maharashtra	15-16	102	Resistant to wilt, tolerant to pod borer
Rajas (Phule-G-9425-9)	MPKV	2007	Punjab, Haryana, Uttaranchal, Delhi, Rajasthan and Jammu	18	136	Resistant to <i>fusarium</i> wilt
JGK-2	JNKVV	2007	M.P.	15	95-110	Resistant to collar rot, root rot, Mod. Res. to wilt and dry root rot
Lam shanaya (LBeG 7)	ANGRAU	2007	M.P.	20-25	90	Tolerant to Wilt and rot condition
JGK-3 (JGK 19)	JNKVV	2007	M.P.	14-15	92-121	Resistant to wilt
Jawahar Gram 226 (JG 226)	JNKVV	2007	M.P.		112-115	Resistant to wilt and root rot complex
GNG 421 (Gauri)	ARS, Sri Ganga Nagar	2007	Rajasthan	18	127-160	Tolerant to dry root rot, stunt and wilt

CHICK PEA (Continue)

1	2	3	4	5	6	7
GNG 1488 (Sangam)	ARS, Sri Ganga Nagar	2007	Rajasthan	18	99-157	Tol .to dry root rot and stunt
RSG 991(Aparna)	ARS, Duragapura	2007	Rajasthan	12-15	130-135	Mod. Res. to dry root rot, wilt, collar rot
RSG 896 (Arpan)	ARS, Duragapura	2007	Rajasthan	12-15	130-135	Mod. Res. to dry root rot, wilt, pod borer
RSG 902 (Aruna)	ARS, Duragapura	2007	Rajasthan	15-20	130-135	Mod. Res. to dry root rot, wilt, pod borer
JAKI 9218	PDKV	2008	Maharashtra	18-20	93-125	Resistant to <i>fusarium</i> wilt, root rot and collar rot
GNG 1581 (Ganguar)	ARS, Srigan-ganagar	2008	NWPZ	24.00	127-177	Resistant to water logging condition
WCG 3 (vallabh colour chana)	SVBPUAT, Meerut	2008	Uttar Pradesh	19-21	175	Bold seeded, protein content 22.8 %.
JG 6	JNKVV	2008	M.P.	20.00	103-132	Resistant to fusarium wilt and moderate resistant to dry root, Tolerant to pod borer
Pusa 2024	IARI	2008	Delhi	25-28	145	Moderately resistant against soil borne diseases and drought
BGD 103	UAS	2009	Karnataka	11-13	95-100	Resistant to fusarium wilt
JG 14	JNKVV	2009	M.P.	20-25	113	Moderate resistant to wilt, dry root and pod borer
Shubra (IPCK 2004-29)	IIPR	2009	CZ	21.00	104-108	Moderate resistant to wilt, escape terminal moisture stress and heat
Ujjawal (IPCK 2004-29)	IIPR	2010	CZ	20.00	103-111	Moderate resistant to wilt and tolerant to BGM, escape terminal moisture stress and heat
Phule G 0517	MPKV	2010	M.S., M.P., Karnataka	18.00	105-110	Tolerant to fusarium wilt, 59.4g/100 seed weight
Pant Kabuli chana 1	GPBUAT, Pantnagar	2010	Uttarakhand	30.00	120-122	Resistant to Botrytis grey mould

CHICK PEA (Continue)

1	2	3	4	5	6	7
PKV Kabuli 4	PDKV	2010	Maharashtra, Madhya Pradesh	15-16	100-110	Moderately resistant to fusarium wilt dry rot and Botrytis grey mould
Gujarat Junagarh Gram 3 (GJG 0207)	JAU, Junagarh	2010	Gujarat	15.00	98-100	Moderately resistant to wilt and tolerant to pod borer
GPF 2	PAU	2010	NWPZ	22.00	134-163	Plants grow erect with thick stem resistant in lodging
MNK 1	UAS, Raichur	2011	Karnataka, A.P., Odisha, and Tamil Nadu	13.00	95-110	Moderately resistant to wilt
RSG 974 (Abhilasha)	ARS,Duragapura	2010	Rajasthan		130-135	Moderately resistant to wilt, dry root rot BGM and sterility mosaic
Raj Vijay Kabuli gram 101 (JSC 42)	RVSKVV	2012	Madhya Pradesh	15-20	90-110	Resistant to fusarium wilt and moderate tolerant to pod borer
Raj Vijay gram 201 (JSC 40)	RVSKVV	2012	Madhya Pradesh	20-25	95-113	Resistant to fusarium wilt
HK 4 (HK 05-169)	CCSHAU	2012	NEPZ	15.00	136	Resistant to wilt, bold seeded
Raj Vijay Kabuli gram 202 (RVG 202)	RVSKVV	2012	CZ	18-20	105	Suitable for late sown condition in paddy/cotton/soyabean-chickpea cropping system
Raj Vijay Kabuli gram 203 (RVG-203)	RVSKVV	2012	CZ	19-20	100	Moderately resistant to wilt, dry root rot
PBG -5	PAU, Ludhiana	2012	Punjab	17.00	160-165	Resistant to ascochyta blight disease
PKV harita (AKG 9303-12)	PDKV	2012	Vidarbha region of Maharashtra	12-18	106-110	Bold seeded, tolerant to wilt and drought, useful for culinary purpose

CHICK PEA (Continue)

1	2	3	4	5	6	7
GJG 0809	Junagarh	2013	NHZ	16.0	157	Irrigated, medium brown colour attractive seed (21.5 g/100 seed), mod. Resistant to wilt & stunt, root rot & tolerant to ascochyta blight.
GNG 1958	Sriganga nagar	2013	NWPZ (Punjab, Haryana, Delhi, North Rajasthan, West U.P).	26.8	145	Irrigated, suitable for normal sown irrigated condition. It matures in 145 days. It has brown seed colour with 25.4 g average 100-seed weight.
GNG 1969	Sriganga nagar	2013	NWPZ	22.0	146	Irrigated, suitable for normal sown irrigated condition. It posses creamy beige seed colour with 26.2 g/100 seeds.
CSJ 515	Durgapura	2013	NWPZ	24.0	135	Irrigated, small brown colour seed (17.0 g/100 seed), mod. Resis. to dry root rot, and tolerant to ascochyta blight and BGM.
GLK 28127	Ludhiana	2013	NWPZ	21.0	149	Irrigated, large seeds (36.0 g/100 seeds), light yellow or creamy colour with irregular owl head.

PIGEONPEA (TUR)

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
BSMR-175	MAU	1991	Maharashtra	11-12	165-170	White seeded, res. to Sterility Mosaic & Wilt
JA-4	JNKVV	1991	Madhya Pradesh	16-18	180-200	Tolerant to wilt & SMD
Birsa Arhar 1	BAU	1992	Bihar	10-15	180-200	Wilt Resistant
Gujarat Tur-100	GAU	1992	Gujarat.	16-18	120-135	Tolerant to wilt & SMD white, bold-seeded.
Vamban 1	TNAU	1993	Tamil Nadu	8-10	95-100	Suitable for inter cropping with Peanut
Asha (ICPL-87119)	ICRISAT	1993	CZ&SZ (M.P., Maharashtra, Gujarat, Karnataka, Andhra pradesh, Orissa, Tamilnadu).	16-18	160-170	Resistant to wilt & SMD, Bold seeded., Indeterminate
Pusa-855	Central	1993	NWPZ (Punjab, Haryana, Delhi, North Rajasthan, West U.P).	24-25	145-150	Plant Indeterminate, Medium bold seeded.
Pusa-9	IARI	1993	NEPZ (East Uttar Pradesh, Bihar, West Bengal).	22-26	210-248	Tolerant to Alternaria & SMD, Tall & bold- seeded, Suitable for pre-rabi.
CO-6	TNAU	1993	Tamil Nadu	8-10	170-180	Tolerant to Pod borer. Indeterminate
Sharad (DA 11)	RAU, Dholi	1993	Bihar	18-20	240-250	Alternaria blight & Sterility Mosaic Resistant
Sarita (ICPL 85010)	ICRISAT	1994	A.P.	10-12	130-140	Determinate.
TS-3	UAS, Gulberga	1995	Karnataka	14-16	180-190	White, bold seeded, res. to Wilt
AL-201	PAU	1995	Punjab.	15-16	140-150	Indeterminate variety.

PIGEONPEA (Continue)

1	2	3	4	5	6	7
Durga(ICPL84031)	ICRISAT	1995	Andhra Pradesh.	8-10	120-125	Determinate.
Jawahar (KM-7)	JNKVV	1996	CZ (MP,Maharashtra & Gujarat). SZ (Orissa Karnataka, A.P. & Tamilnadu).	18-20	173-180	Tolerant to wilt & Phytophthora blight. Seeds dark brown
BSMR-736	MAU	1996	Maharashtra	12-18	180-185	Resistant to wilt and SMD. Brown seeded. Indeterminate
Narendra Arhar-1 (NDA-88-2)	NDUAT	1997	Uttar Pradesh.	20-22	240-260	Resistant to SMD and tolerant to wilt and Phythophthora blight.
Amar (KA 32-1)	CSAUAT	1997	Uttar Pradesh.	16-20	250-270	Compact, res. to SMD. Tol. to wilt, Seed brown
H 82-1(Paras)	CCSHAU	1998	Haryana	15-20	133-145	Indeterminate
Malviya Vikalp (MA-3)	BHU	1999	CZ (M.P., Maharashtra, Gujarat).	20-22	178-162	Spreading, Constricted Pod, resistant to pod fly.
Azad (K 91-25)	CSAUAT	1999	U.P. & Bihar	20-22	250-260	Wilt Tolerant, Sterility Mosaic Resistant
AKT-8811	Akola	2000	Maharashtra	13-14	145-150	Indeterminate
Laxmi (ICPL-85063)	ICRISAT	2000	Andhra Pradesh	18-20	160-200	Pre-rabi
Vaishali (BSMR-853)	MAU	2002	Maharashtra	16-17	165.170	Resistant to wilt and SMD.
Sel-31	ARS, Gulbarga	2002	Karnataka	12	100-110	Irrigated command areas wherever double & multiple cropping system is being in practices

PIGEONPEA (Continue)

1	2	3	4	5	6	7
Pusa-992	IARI	2002	Haryana, Punjab, U.P., Rajasthan	18-20	130-140	Indeterminate
MA-6	BHU	2002	Central & Eastern U.P.	20-23	248-267	Late, Spreading type
Pusa 991	IARI	2003	Delhi	16-20	140	Tolerant to wilt, Phytophthora blight and SMD
Pusa-992	IARI	2004	Haryana, Punjab, Delhi, Western UP and Rajasthan	17	119-162	Tolerant to SMD and wilt
GT-101	GAU	2004	Gujarat	13	Early	Tolerant to wilt and SMD
Malviya chatmatkar (MAL-13)	BHU	2005	UP & W.B.	27-29	226-271 (Kh) 189-248 (Pre-rabi)	Moderately resistant to wilt and SMD, Recommended for Kharif and pre-Rabi seasons.
VL Arhar-1	VPKAS, Almora	2006	Uttarakhand	19	150	Res.to wilt, Alternaria leaf blight and rot
CORG-9701	TNAU	2006	Tamil Nadu, Karnataka, A.P., Orissa	11	120-130	Tol. to wilt, Sterility Mosaic & phytophthora blight, Tol. to pod borer & pod fly
Amol (BDN 708)	ARS Badnapur	2007	Maharashtra	15	160-165	Moderate resistant to wilt & sterility mosaic, Tolerant to pod borer & pod fly
Vipula	MPKV	2007	Maharashtra	16	145-160	Resistant to <i>Fusarium wilt</i> , Moderate resistant to sterility mosaic disease
Lam-41	ANGRAU	2007	A.P.	12	Medium	Tolerant to <i>Helicoverpa</i> pod borer
Jawahar (JKM-189)	JNKVV	2007	M.P.	21	116-124	Res. to wilt, Moderately resistant to sterility mosaic and Phytophthora blight
GTH-1* (SKNPCH-10)	SDAU	2007	Gujarat	18	135-145	No incidence of sterility mosaic disease
TT-401	BARC	2007	M.P., MS Gujarat & CG	16	138-156	Tolerant to pod borer & tolerant to wilt

PIGEONPEA (Continue)

1	2	3	4	5	6	7
Pusa 2002	IARI	2008	Delhi	17	110-150	Sowing to first week of June, suited for double cropping system, tolerant to moisture stress
PAU 881 (AL 1507)	PAU	2008	Pun., Har., Western UP and plains of Uttarakhand	16-18		Early maturing
Pant Arhar 291 (PA 291)	GBPAUT	2008	Uttarakhand	17	140-150	Early maturing, tolerant to phytophthora blight and pod borer
NDA 2	NDUA&T	2008	U.P., Bihar, WB, Assam & Jharkhand	25-28	240-260	Long duration, resistant to SMD and pod borers
TJT 501	BARC & ZARS, Khargone	2009	CZ	18	135-183	Tol.to SMD, wilt and phytophthro. Tol. to pod borer and pod fly
BRG 2	UAS, Bangalore	2009	SZ	12-16	175-185	Moderately tolerant to wilt, SMD and pod borer
Surya (MRG-1004)	ARS Madhira	2009	Andhra Pradesh	20-22	166-180	Tolerant to Macrophomina stem canker/wilt
TS-3R	ARS, Gulbarga	2011	Karnataka	11-17	150-160	Kharif and late sown cropping system res. to wilt
Anand grain Tur 2 (AGT 2)	AAU	2012	Gujarat	16	175-180	No severe disease was observed
BDN 711 (BDN2004-3)	ARS Badanapur	2012	Maharashtra	15-23	150-160	Mod. resistant to wilt and SMD

*** Hybrid**

MOONG

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
ADT-3	TNAU	1991	Tamil Nadu	10.7	65-70	Tolerant to YMV. Seed small
Co-5	TNAU	1991	Tamil Nadu	9.0	70-75	Tolerant to YMV. Seed small
MUM-2	Meerat University	1992	Punjab, Haryana, Delhi & West UP	12.0	60-70	Res. to YMV, small seeded, early
BM-4	MAU	1992	M.P., Maharashtra, Gujarat.	10-12	65	Early, Tol.to YMV and PM, Bold Seeded
Phule M 2	MPKV	1992	Maharashtra	6.9	65	Tolerant to YMV, early, small seed
AKM-8803	PKV	1992	Maharashtra.	10.5	65-70	Tolerant to YMV. Seed small
Narendra Mung-1	NDUAT	1992	Uttar Pradesh.	10.0	60-70	Tolerant to YMV.
AKM-8803	PKV	1992	Maharashtra.	10.5	65-70	Tolerant to YMV.
Asha	CCSHAU	1993	Haryana.	12.0	75-80	Tolerant to YMV.
TARM-2	BARC/PKV	1994	Maharashtra.	9.5	65	Tolerant to PM.
Pusa-9072	IARI	1995	SZ (KN, A.P., Orissa, TN (Rabi).	8-10	65-75	Tolerant to Powdery Mildew. Rabi
Warangal-2 (WCG-2)		1995	Andhra Pradesh.	14.0	65-70	Suitable for all Season, Tolerant to YMV
Madhira-295	ANGRAU	1995	Andhra Pradesh.	14.0	65-70	Tolerant to YMV
LGG-407 (Lam 407)		1995	Andhra Pradesh.	14.0	70-75	Tolerant to YMV.
JM-721	JNKVV	1996	Madhya Pradesh.	12.4	70-75	Tolerant to PM.
ML-613	PAU	1996	Punjab.	13.0	84	Res. to YMV, Bacterial leaf spot and Pod-leaf spot. Seed med. bold
PDM-84-178		1996	Andhra Pradesh.	8.1	65-70	Tol. to YMV & PM, suitable for summer and early kharif.
SML-134	PAU	1996	Punjab.	11.0	68	For summer/spring.

MOONG (Continued)

1	2	3	4	5	6	7
TARM-1	BARC/PK V	1997	Maharashtra.	8-12	85	Res.to PM, Suitable for Rabi. Small seed
Pant Mung-4	GBPUAT	1997	Eastern UP, Assam, Bihar, W.B	7.5	68	Resistant to YMV.
HUM-1	BHU	1999	Gujarat, MS, MP, TN, KN	8-9	60-65	Res. to YMV, Summer season
CO-6	TNAU	1999	Tamil Nadu	10.0	65	Suitable for all season, Resistant to YMV.
Pusa-9531	IARI	2000	M.P., Maharashtra, Gujarat, Punjab, Haryana, Delhi, West UP	10-12	60	Res. to YMV, Tolerant to Jassids and whitefly, suitable for summer.
Pusa Vishal	IARI	2000	NWPZ (Punjab, Haryana, Delhi, West UP, North Rajasthan)	11.0	62	Res. to YMV, Tol.to Jassids and whitefly, suitable for summer, very bold seeded (6 g/100 seed)
LAM-460	ANGRAU	2001	Andhra Pradesh	12.0	70-75	Tolerant to YMV
PDM 139	IIPR	2001	Uttar Pradesh.	12-15	50-60	Summer season , Mod.Res. to YMV
Ganga-8 (Gangotri)	RAU, Sri Ganga Nagar	2001	NWPZ (Punjab,Haryana, Delhi, West UP, North Rajasthan)	9.2	72	Kharif , tolerant to stem fly and pod borer.
OUM-11-5	OUAT	2002	SZ (Karnataka, AP, Orissa, TN).	7.0	62	Kharif , Moderately resistant to diseases
Malviya Jagriti (HUM-12)	BHU	2003	U.P., Bihar, Jharkhand, W.B.	11-12	66	Mod. Res. YMV, CLS, Summer Season
IPM 99-125	IIPR	2004	NEPZ (Eastern UP, Bihar, W.B.).	10.0	66	Res. To YMV, Summer Season
TM 99-37	BARC	2005	NEPZ (Eastern UP, Bihar, W.B.).	11.0	65	Mod. Res. To YMV, Summer
COGG 912	TNAU	2005	SZ (Karnataka, A.P, Orissa, TN).	8.0	62	Res. To YMV, CLS, Kharif

MOONG (Continued)

1	2	3	4	5	6	7
Kamdeva (OUM 11-5)	OUAT	2004	SZ (Karnataka, A.P, Orissa, TN)	8.0	46-69	Mod. Rest. To PM, MYMV & CLS
Muskan (MH-96-1)	CCS HAU	2004	Haryana	15.0	70-75	Resistant to YMV, Anthracnose and Leaf Crinkle
Ganga-1 (Jamnotri)	ARS, Sri Ganga Nagar	2004	Rajasthan	14	76	Mod. Res. to YMV, CLS, PM, anthracnose, Bacterial leaf blight, Macrophomina & web blight & Rhizopus, Moderate tolerant to white fly and jassids
Shalimar Moong-1	SKUAST	2005	J & K	9	105-115	Res. To leaf spot, pod blight
BM-2002-1	ARS, Badnapur	2005	Maharashtra	10-12	65-70	Moderate resistant to PM
HUM 16 (Malviya Jankalyani)	BHU	2006	NEPZ (Eastern UP, Bihar, W.B.).	14-16	55-58	Summer, Resistant to YMV, Root Knot and Leaf Crinkle
Tromday pesara (TM-96-2)	ANGRAU	2006	Andhra Pradesh	6	69-73	Rabi & summer, Res. To PM and Cercospora leaf spot
Tromday Jawahar mung-3 (TJM-3)	JNKVV	2006	MP	8-10	61-75	Kharif & summer, Resistant to YMV, PM and Rhyzoctonia root rot
SML 668	CSK HPKV, Palampur	2007	North Hills sub-tropical zone	11-12	75-85	Under irrigated condition in summer as contingent crop or intercrop in sugarcane , resistant to anthracnose, Cercospora leaf spot & YMV
KM 2241	CSAUAT	2008	North Hills zone of the country in timely sown condition	9.00	65-70	Resistant to MYMV, suitable for kharif
Satya	CCSHAU	2008	NWPZ	16-17	70	suitable for kharif
IPM 2-3	IIPR, KANPUR	2009	Rajasthan, Punjab, and Jammu region	10.00	70-72	Resistant to MYMV, large seed, suitable for kharif and spring

MOONG (Continued)

1	2	3	4	5	6	7
Pusa 0672	IARI	2009	Jammu & Kashmir, Manipur and Tripura	16.00	52-103	Resistant to MYMV, suitable for kharif
Madhira Pesara 347	ARS, Madhira	2009	Andhra Pradesh	12.00	60-70	Tolerant to cercospora, Leaf spot and Anthracnose
KKM 3	ARS, Kathalagere	2009	Karnataka	8-9	62	Moderately tolerant to Powdery Mildew and YMV and Pod borer
Paity Mung		2010	MP,CG	9-10	60-65	Commonly used by farmer
Basanti	CCSHAU	2010	Haryana	15-17	65	Resistant to MYMV, suitable for kharif and spring
MH 125	CCSHAU	2010	Haryana	12.00	64	Resistant to MYMV, Leaf crinkle, web blight, Anthracnose, moderately resistant to cercospora leaf spot
VBN (Gg) 3	NPR, vamban	2010	Tamil Nadu	8-9	65-70	Moderately resistant to Powdery Mildew
PKVAKM 4 (AKM 9904)	PDKV	2011	Karnataka, Tamil Nadu and Odisha	10-11	57-80	Tolerant to PM, suitable for kharif
PKV green gold	PDKV	2011	Maharashtra	10-11	57-80	Tolerant to PM, suitable for kharif
IPM 02-14	PDKV	2011	AP, Karnatana, Tamill Nadu and Odisha	10-12	62-70	Resistant to MYMV, large seed, suitable for summer
KM 2195 (swati)	CSAUAT	2012	Uttar Pradesh	10-12	65-70	Resistant to MYMV, cercospora leaf spot, web blight and Anthracnose, suitable for kharif
MH 421	CCSHAU	2012	Haryana	12.00	60	Non-shattering, resistant to YMV, suitable for kharif, spring & summer
BM 2003-2	ARS, Badnapur	2012	Maharashtra	8-11	65-70	Green shiny special features : bold grain, long pod with prominent constriction

URD

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
Teja (LBG-20)	ANGRAU	1991	Andhra Pradesh	14.0	70-75	Tol. To YMV
Vamban-1	TNAU	1991	Tamil Nadu.	8.0	65-70	Tol. To YMV
ADT-4	TNAU	1991	Tamil Nadu.	8-9	65-70	Tol. To YMV
ADT-5	TNAU	1991	Tamil Nadu.	8.0	65-70	Tol. To YMV, dwarf & erect
Basant Bahar (PDU-1)		1991	All India except South & Hill Zone	12-13	70-80	Spring , Tolerant to YMV
Prabha (LBG 402)	ANGRAU	1991	Karnataka, Andhra Pradesh, Orissa, T.N.	10.8	78	Rabi , seed bold & dull black
TPU-4	BARC/MAU	1992	MP, Maharashtra & Central part of Rajasthan	7.5	75	Plant erect, medium tall. seed bold & dull black
TAU-2	BARC/PKV	1993	Maharashtra	10.0	70	seed bold & purplish black
Narendra Urd-1 (NDU-88-8)	NDUAT	1993	Uttar Pradesh.	10.0	60-70	Resistant to YMV, Black, medium bold seeded.
LBG-611	ANGRAU	1995	Andhra Pradesh.	14.0	85-90	Resistant to wilt.
WBU-108	BCKV	1996	Punjab, West UP, Rajasthan, Karnataka, A.P. TN).	12	85	Tolerant to YMV, kharif
Mush-338	PAU	1996	Punjab.	9.0	85-90	Tolerant to YMV. seed bold
Mash-414	PAU	1996	Punjab.	9.6	72	Tolerant to root rot. Spring
Birsa Urd-1	BAU	1996	Bihar.	11.0	80	Tolerant to YMV.
Melghat (AKU-4)	PKV	1996	Maharashtra.	10.0	93	Tolerant to stress, for rabi season .
KBG-512	TNAU	1997	Tamilnadu.	7-8	70-75	Tolerant to Stemfly, pods hairy.
Vamban-2	TNAU	1997	Tamilnadu.	12	70	Tolerant to YMV & drought.

URD (Continued)

1	2	3	4	5	6	7
KU-301	CSAUAT	1998	TN, Orissda, A.P. & Karnataka	12	70	Res. To YMV, Rabi Season
TU-94-2	BARC	1998	Karnataka, Andhra Pradesh, Orissa, Tamilnadu.	15.0	69	High yielding & YMV resistant early, rabi season
Azad Urd-1 (KU-92-1)	CSAUAT	1999	UP, Bihar, WB.	10.0	80	Spring , Res. To YMV
WBG-26	ANGRAU	1999	Karnataka, A.P. Orissa, TN	10	70	Res. to PM
Barkha (RBU-38)	RAU, Bansawara	1999	MP, Maharashtra & Central part of Rajasthan	12.0	75	Bold seeded , Res. to Cercospora leaf spot
IPU-94-1 (Uttra)	IIPR	1999	Punjab, Haryana, West UP, North Rajasthan, Gujarat, Bihar, W.B.	11-12	85	Resistant to YMV, kharif season.
Shekhar 2 (KU-300)	CSAUAT	2001	Punjab, Haryana, Delhi, West UP & North Rajasthan)	11-12	70	Resistant to YMV, spring season.
NDU 99-3	NDAUT	2003	NHZ	9.5	85	Res. To YMV, Kharif Season
KU 96-3	CSAUAT	2003	CZ (MP, MS & Gujarat)	8.0	73	Res. To YMV, Kharif Season
Goutam (WBU-105)	Research station, Berhanpur	2004	West Bengal	13-15	69-90	Resistant to YMV, Mod. Res. To Cercospora leaf spot
Shekhar 3 (KU 309)	CSAUAT	2004	U.P	10	66-84	Kharif, Resistant to YMV, leaf crinkle, CLS
Mash 1008	PAU	2004	Punjab	12	72	Early, Resistant to MYMV & leaf Crinkle virus
Gujarat urd-1	SDAU	2004	Gujarat	12	late	Late, Moderately resistant to PM & CLS
AKU-15	PDKV	2006	Maharashtra	10-12	65-83	Kharif, Tolerant to PM

URD (Continued)

1	2	3	4	5	6	7
Lam 709	ANGRAU	2006	Andhra Pradesh	14	Medium	Tolerant to YMV
Sulata (WBU 109)	PORS Beahanpur	2008	UP, Bihar, WB, Assam & Jharkhand	15-16	80-83	Resistant to MYMV, spring season
Pant Urd 31	Central	2008	UP, Tripura, Rajasthan, Odisha,CG,Bihar,AP,Uttara.	15	75-80	Resistant to YMV,
Pant Urd 40	Central	2008	Rajasthan,Uttarakhand	14-15	70-75	Short duration variety
Prasad	Central	2008	UP, T N, Odisha	12-14	60-65	Short duration variety,
VBN (BG)5	Tamil Nadu	2009	TN,	14	60-65	Short duration variety,
Madhra Minumu 207	ARS, Madhira	2009	MS,MP & AP	13	75-80	Tolerant to YMV & stress. Suitable for Kharif, Rabi & Summer
IPU 02-43	IIPR, Kanpur	2009	AP, Odisha, Karnataka, Tamil Nadu,Assam	9-11	75	Resistant to MYMV, and PM, kharif season.
KU 99-21	CSAUT, Kanpur	2009	Punjab, Haryana, Western UP and plains of Uttarakhand	10-11	70-75	Kharif season.
Mash 479 (KUG 479)	PAU, Ludhiana	2010	Punjab, Haryana, Western UP and plains of Uttarakhand	12.00	82	Resistant to MYMV and PM spring season
UPU 00-31 (Himachal Mash 1)	CSKHPKV, Palampur	2010	Low hill subtropical zone in kharif season (H.P.)	14-16	75	Resistant to Anthracnose, YMV and Leaf Crinkle and Tolerant to CLS and PM, lister Beetle and Hairy Caterpillar.
Mash 114	Punjab	2010	Irrigated areas of Punjab state	9.0	70-75	Resistant to MYMV
LAM Minimum 752	ANGRAU	2010	Andhra Pradesh	15	75-82	Resistant to wilt and YMV
CO 6 (COBG 653)	TNAU, Coimbatore	2011	AP, Odisha, Karnataka, Tamil Nadu	8-10	65-70	Resistant to MYMV and PM, sparing

URD (Continued)

1	2	3	4	5	6	7
Mash 391 (LU 391)	PAU, Ludhiana	2011	AP, Odisha, Karnataka, Tamil Nadu	8.00	71	Resistant to MYMV, Leaf Crinkle virus, Cercospora leaf spot, Anthracnose and Powdery mildew, spring season
UH 1 (uh 04- 06)	CSSHAU	2011	Haryana	11.0	73	Resistant to YMV, kharif season.
VBN (BG) 7 (VBG04-008)	TANU, Coimbatore	2012	AP, Odisha, Karnataka, Tamil Nadu	8.00	63-90	Resistant to MYMV and PM
VBN 6	NPRC, Vamban	2012	Tamil Nadu	9.00	69	Resistant to YMV
Vishwas (NUL-7)	Nirmal seeds, pachora (MS)	2012	Maharashtra, Gujarat, M.P., Chhattisgarh, UP,& Rajasthan	10.0 0	69-73	Tolerant to major disease

LENTIL

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
JL 1	JNKVV	1991	MP	8.0	120-125	Early, Tolerant to wilt, Seed bold
Sapana (LH 84-8)	CCSHAU	1991	NWPZ (Punjab, Haryana, Delhi, West UP)	15.0	135-140	Tolerant to Rust & Bold Seeded
VL Masoor 4	VPKAS	1991	Uttaranchal	12.5	168	Tolerant to wilt & Rust, Small seeded & black.
Pant lentil-4 (PL-81-17)		1993	NWPZ (Punjab, Haryana, Delhi, West UP, North Rajasthan)	16.0	140-145	Resistant to Rust & tolerant to wilt.
Lens-4076	IARI	1993	NWPZ (Punjab, Haryana, Delhi, UP) CZ (MP, Maharashtra)	14.0	130-135	Tolerant to wilt & Rust. Seed bold
DPL-15 (Priya)	IARI	1995	NWPZ (Punjab, Haryana, Delhi, West UP)	15-18	130-135	Tolerant to wilt & Rust, bold seeded.
Pusa Vaibhav (L-4147)	IARI	1996	NWPZ (Punjab, Haryana, Delhi, West UP.)	20-24	130-135	Resistant to Rust & Tolerant to wilt, small seeded.
Garima (LH- 84-6)	CCSHAU	1996	Haryana.	15-20	135-140	Tolerant to Rust, wilt & Blight. bold seeded.
Narendra Masoor-1	NDAUT	1997	Uttar Pradesh.	14.0	125-130	Resistant to Rust & Tol. to wilt.
DPL-62 (Sheri)	IIPR	1997	NWPZ (Punjab, Haryana, Delhi, West UP.)	17.0	130-135	Resistant to Rust & wilt, bold seeded.

LENTIL (Continue)

1	2	3	4	5	6	7
Subrata	BCKV	1998	West bengal	12-18	120-125	Tolerant to Rust, bold seeded.
JL-3	JNKVV	1999	CZ (MP, Maharashtra)	15-19	115-120	Tolerant to wilt, bold seeded.
VL Masoor 103	VPKAS	2000	Uttaranchal	12-14	1645	Tolerant to Rust, small seeded.
Noori (IPL-81)	IIPR	2000	CZ (MP, Maharashtra)	17-18	110-120	Tolerant to Rust, wilt, bold seeded
Pant Lentil-5	GBPUAT	2001	Uttaranchal	15-18	135	Resistant to Rust, bold seeded.
Malaviya Vishwanath (HUL 57)	BHU	2005	Eastern and Central U.P., Bihar, Jharkhand, West Bengal and Assam	14.0	130	Resistant to rust & wilt, small seeded.
KLS 218	CSAUAT	2005	NEPZ (East Uttar Pradesh, Bihar, West Bengal).	14-15	125-130	Tolerant to Rust, wilt, small seeded
VL-Masoor-507	VPKAS, Almora	2006	J&K, H.P., Uttarakhand, North Eastern Hills	10-12	140-209	Resistant to wilt
Haryana Masoor-1 (LH-89-48)	CCSHAU	2006	Haryana	14	138	Moderate resistant to all disease
VL Masoor 125	VPKAS, Almora	2006	Uttarakhand	19-20	115-117	Resistant to wilt
VL Masoor 126 (VL-126)	VPKAS, Almora	2007	Uttarakhand, H.P., J&K and North Eastern Hills	12-13	126-212	Resistant to GM and Moderately resistant to wilt and rust
IPL-406 (Angoori)	IIPR	2007	Punjab, Haryana, North Rajasthan, Plains of Uttarakhand and Western UP	17	120-155	Resistant to rust and wilt

LENTIL (Continue)

1	2	3	4	5	6	7
Pusa Masoor 5 (L-45994)	IARI	2008	Delhi	17-18	120-128	Resistant to rust moderately resistant to pod borer
Moitree WBL 77	PORS, Berhampore	2009	East UP, Bihar, Jharkhand, Assam & WB	15	117	Resistant to wilt and grey mould
Shekhar Masoor 2 (KLB-303)	Shekhar Masoor 2 (KLB-303)	2009	Uttar Pradesh	14	128	Moderately resistant to wilt and rust
Shekhar Masoor 3 (KLB-320)	Shekhar Masoor 2 (KLB-303)	2009	Uttar Pradesh	14	128	Moderately resistant to wilt and rust
Pant Lentil 7 (PL 024)	GBPUAT	2010	Punjab, Haryana, UP	15	147	Resistant wilt to rust & pod borer
Pant Lentil 8 (PL 063)	GBPUAT	2010	Punjab, Haryana, Plains of Uttarakhand , Western UP, Delhi and Rajasthan	15	135	Mod. Resistant to rust and wilt. Resistant to pod borer
Pant Lentil-6 (PL-02)	GBPUAT	2010	Uttarakhand ,	11	125-145	Resistant to rust. Wilt, Ascochyta Blight and Tolerant to pod borer
VL Masoor - 129	VPKAS, Almora	2010	Uttarakhand ,	9.0	151	Resistant to wilt and root rot and no infestation of pod borer
VL Masoor 133 (VL133)	VPKAS, Almora	2011	Uttarakhand ,	11	150	Resistant to wilt, root rot and rust
VL Masoor 514 (VL514)	VPKAS, Almora	2011	Uttarakhand ,	10	149-159	Moderately resistant to wilt and root rot disease. Tolerant to pod borer
LL 931	PAU	2012	Punjab	12-13	146-147	Resistant to lentil rust. Tolerant to pod borer

FIELD PEA

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
JP-885	JNKVV	1992	CZ (MP, Maharashtra & Gujarat)	21.0	120-140	Resistant to PM.
KFP-103 (Shikha)	CSAUAT	1993	NWPZ (Punjab, Haryana, Delhi, West UP & North Rajasthan)	15-20	130-140	Resistant to PM.
DMR-7 (Alankar)	IARI	1996	NWPZ (Punjab, Haryana, Delhi, West UP & North Rajasthan)	20-25	115-135	Resistant to PM.
Uttra (HFP-8909)	CCSHAU	1996	NWPZ (Punjab, Haryana, Delhi, West UP & North Rajasthan)	20-25	120-140	Resistant to PM., dwarf
Sapna (KPMR-1441)		1997	Uttar Pradesh.	20-25	120-130	Resistant to PM. dwarf
Jayanti HFP-8712	CCSHAU	1998	Haryana	20-25	120-140	Res. to PM., Bold Seeded
Swati (KFPD-24)	CSAUAT	1999	U.P.	25-30	110-125	Resistant to PM. & tolerant to rust Dwarf, escapes leaf miner
Malviya Matar-15 (HUDP-15)	BHU	1999	NEPZ (East UP, Bihar, West Bengal). NHZ	25-30	110-130	Resistant to PM., rust and leaf miner
DDR-23 (Pusa Prabhat)	IARI	2000	NEPZ (East UP, Bihar, W.B).	15.0	95-115	Extra early, Resistant to PM
Ambika	IGKV	2000	CZ (MP, Maharashtra & Gujarat)	15-20	100-125	Resistant to PM, Tall Plants
DDR-27 (Pusa Panna)	IARI	2001	NWPZ (Punjab, Haryana, Delhi, West UP & North Rajasthan)	18.0	100-115	Very early, Resistant to PM
Indra (KPMR-400)	CSAUAT	2001	CZ (MP, Maharashtra & Gujarat)	20.0	105-115	Dwarf type, Resistant to PM

FIELD PEA (Continue)

1	2	3	4	5	6	7
Shubhra (IM-9101)	IGKV	2001	Chhattisgarh	15-20	90-95	Resistant to PM
Jay (KPMR-522)	CSAUAT	2001	NWPZ (Punjab, Haryana, Delhi, West UP & North Rajasthan)	23.0	120-140	Dwarf type, Resistant to PM
Adarsh (IPF 99-25)	IIPR	2004	CZ (MP, Maharashtra & Gujarat)	23	110-115	Resistant to Powdery Mildew
Vikas (IPFD 99-13)	IIPR	2005	H.P., Maharashtra, C.G., Gujarat & Bundel khand region of U.P.	23	102	Resistant to PM and tolerant to rust
Prakash (IPFD-1-10)	IIPR	2006	M.P., C.G., Maharashtra, Gujarat, Bundel khand region of UP, J&K, H.P. and Uttarakhand	21	94-121	Resistant to PM and tolerant to rust
Paras	IGAU, Raipur	2006	Chhattisgarh	18-24	92-119	Resistant to powdery mildew
Pant P-14	GBPUAT	2006	Uttarakhand	15-22		Resistant to rust and powdery mildew
VL-Matar-42	VPKAS, Almora	2007	Eastern U.P., Bihar, Jharkhand, East Bengal, Assam	20	108-155	Resistant to PM, Moderate resistant to rust
Hariyal (HFP-9907B)	CCSHAU	2007	Punjab, Haryana, Rajasthan, Delhi, Western U.P.	17-20	128	Resistant to PM & tolerant to rust
Pant Pea -25	GBPUAT	2007	Uttarakhand	18-22	125-128	Resistant to PM & Mod. Resistant to rust
HFP -9426	CCSHAU Hisar	2008	Irrigated areas of Haryana	20	135	Res. To PM and tolerant to root rot. Mod. Resistant to nematodes.
Pant Pea -42	GBPUAT	2008	Western UP, Northern Rajasthan, Punjab, Haryana and plains of Uttarakhand	22	113-149	Resistant to powdery mildew and mod. Resistant to pod borer and stem fly

FIELD PEA (Continue)

1	2	3	4	5	6	7
Swarna Tripti	ICAR,RS, Plandu, Ranchi	2008	Jharkhand, Bihar, & WB.	25	65-70	Resistant to rust and powdery mildew. tolerant to pod borer
Vivek Matar -10 (VP101)	VPKAS, almora	2008	Uttar Pradesh & Uttarakhand	72-98 (pods)	120-130	Mod. Resistant to PM, white rot, wilt & leaf blight. Less incidence of pod borer
Pant p 13	Central	2008	Western UP,Rajasthan	24-26	110-115	Resistant to powdery mildew
GOMATI (TRCP-8)	ICAR NHE Regional centre, Lembuherra	2010	Uttarakhand Hills, Jammu & Kashmir and North Eastern states	22-24	87-97	Suitable for late sown condition resistant to PM. tolerant to pod borer and stem fly
Aman (IPF 5-19)	IIPR	2010	Punjab, Haryana. Plains of Uttarakhand west UP, Delhi and Parts of Rajasthan	22	124-137	Res. To PM and tolerant to rust. Mod. resistant to pod borer and stem fly
IPF 4-9	IIPR, Kanpur	2011	Suitable to irrigated areas	17	129	Resistant to powdery mildew and mod. Resistant to pod borer and stem fly
VL Matar 47 (VL47)	VPKAS, Almora	2011	Uttarakhand	14.0	142-162	Resistant to wilt , Rust and powdery mildew
Dantiwada Field pea 1 (SKNP 04-09)	S.D.Agri. university ,	2011	Uttar Pradesh, Bihar, Jharkhand, and West Bengal.	17.0	98-123	Resistant to powdery mildew

RAJMASH

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
HUR-137 (Malviya Rajmash-137)	BHU	1991	NEPZ (East Uttar Pradesh, Bihar, West Bengal)	18-22	112-120	Erect semi dwarf, Red.
HPR-35	HPKVV	1992	Maharashtra	14-15	73	Seed red with Purple strips.
Varun (ACPR 94040)	IIPR	2002	Maharashtra	14-16	66-68	Tolerant to Anthracnose
IPR 96-4 (Amber)	IIPR	2002	NEPZ (East UP, Bihar, W.B.).	15-16	139	Res. to BCMV & Leaf Curl. Red
Ankur (RSJ-178)	Central	2005	Rajasthan	12	110-120	Moderately resistant to root rot, leaf crinkle and leaf spot dry root rot.
Gujarat Rajma-1	SDAU	2006	Gujarat	20	30-35	Moderate resistant to bean common mosaic virus
VL Rajma 125	VPKAS	2007	Uttarakhand	14-15	82-85	Resistant to root rot, Mod. Resistant to Anthracnose, angular leaf spot & rust
VL Bean 2	VPKAS, Almora	2008	Uttarakhand	14-15	82	Resistance to root rot, mod. Resistant to anthracnose, angular leaf spot and rust
Arka Anup		2012	Karnataka	18-20	43-45	Suitable for eastern dry zone of karnataka in both kharif and rabi season

COWPEA

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
1	2	3	4	5	6	7
Gujarat Cowpea-3	GAU	1990	CZ (MP, Maharashtra & Gujarat)	12-14	65-85	Seed bold, amber colour
V-240	IARI	1993	All Zones	14.0	80	Tall, Indeterminate, seed red
Vamban - 1	TNAU	1997	Tamil Nadu	9.5	65	Erect, dwarf, seed white
Gujarat Cowpea-4	GAU	1999	Gujarat	8-5	80-90	Seed bold, amber colour
KBC-2	UAS	2001	Karnataka	9.5	95-105	Semi-determinate, seed light brown
RC-101	TNAU	2001	Rajasthan	8.5	85-90	Early, Determinate, seed white
CO-6	TNAU	2001	Tamil Nadu	14.0	85-90	Early, bold seeded
V 578 (Pusa sampada)	IARI	2004	Delhi	12		Early, Resistant to yellow mosaic virus
CL-367	PAU	2006	Punjab	12	95-100	Tolerant to YMV
RCP-27 (FTC-27)	RAU	2006	Rajasthan	6-13	69-79	Resistant to YMV
UPC 622	GBPUAT	2007	Uttarakhand Assam, U.P., M.P., J & k, H.P., Punjab, Raj., Har., WB., Odisha, Bihar, and Jharkhand	4-5	145-150	Tolerant to drought resistant to YMV, Anthracnose, root/collar rot and bacterial leaf blight, Aphids, leaf Miner, flea beetle, pod borer/bugs and root knot nematode & bruchids.
Khalleshwari	IGKV, Raipur	2007	Chhattisgarh	6-7		RRF in rabi with restricted irrigations and rainfed upland in kharif season
Swarna Harita (IC285143)	ICAR Res. Station,	2008	Assam, U.P., M.P., Kerla, A.P., Punjab, Raj., WB., Odisha, Jharkhand, CG., and TN.	60-150 (Pods)	75-90	Resistant to rust and mosaic viral disease & tolerant to pod borer.

COWPEA (Continue)

1	2	3	4	5	6	7
Kashi Kanchan (VRCP 4)	IIVR, Varanasi	2008	Punjab, UP, Bihar, Jharkhand, Odisha, CG, MP, AP	150- 175(Pods)	50-55	Resistant to golden mosaic virus, <i>Pseudo-cercospora cruenta</i> diseases,
UPC 628	GBPUAT	2010	Punjab, UP, Bihar, Jharkhand, Odisha, CG, MP, WB,MS	3.5-4.0	145-150	Irigated Summer, and rainfed condition,Medium late variety
IT – 38956-1	UAS,GKVK, Bangalore	2009	Karnataka	10-12	80-85	Rainfed areas of eastern dry region
Hisar Cowpea 46 (HC 98-46)	CCSHAU	2009	Haryana	10	65-70	Resistant to YMV
Pant Lobia -1	GBPUAT	2010	Uttarakhand, UP	20	130-135	Moderately resi.to Aphids, Thrips, Bruchids & other field pests. Suitable for spring, summer and Kharif season
UPC 628	GBPUAT	2010	Uttarakhand, HP, J&K, Punjab, Harya., Raj.,UP, MP, CG, Bihar, Jharkhand, WB, Odisha, Assam, Gujrat & MS	350-400 (Pods)	145-150	Tol. to drought and other abiotic stresses, resi. To YMV, Anthracnose/leaf blight, Aphids, Semilooper, Flea Beetle/Defoliators, Pod borer/bugs & Root knot nematode tolerant to storage Beevil
HIDRUDAYA	ORARS, Kerela	2010	Kerela	10-11	50-55	Tol. to leaf rust, Aphids, Pod borer & American Serpentine leaf minor, summer season
C 519 (Himachal Lobia 11)	CSKHPKV, Palampur	2010	Himachal Pradesh	15-16	80-85	Resistant to Cercospora leaf spot, YMV, Low hills, Sub-tropical zone under rainfed condition in kharif
PKB 4	UASGKVK, Banglore	2012	Karnataka	11-13	80-85	Res. to Bacterial leaf blight, Rust & Pod borer, suitable for early kharif season
PKB 6	UASGKVK, Banglore	2012	Karnataka	10-12	80-85	Res. to Bacterial leaf blight, Rust & Pod borer, suitable for late kharif and summer season

LATHYRUS

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
Bio L-212 (Ratan)	IARI	1997	NEPZ (East UP, Bihar, West Bengal)	15.0	108-116	Tolerant to stress, Low ODAP, Bold seed, Blue flower.
Prateek	IGKV, Raipur	2001	M.P.	6-9 (Utera) 11-15 (sole)	110-115	Tol. to downy mildew & mod. Resistant to powdery mildew.
Maha Teora	IGKV	2007	Chhattisgarh	15	94	Tol. to nematode & thirps, mod. Resistant to PM

MOTH

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
Maru Bahar (RMO-435)	RAU	2002	Rajasthan, Gujarat, Maharashtra	6-6.5	65-67	Early maturing
CAZRI Moth 2	CAZRI	2003	Rainfed areas	5-7	70-72	
CAZRI Moth 3	CAZRI	2004	Rainfed areas	6-5	62-64	Erect, upright growth lush green foliage
RMO-423	ARS, Bikaner	2004	Rajasthan	5-6	67-70	Tolerant to disease insect & pests
RMO-257	RAO	2005	Rajasthan	6-7	63-65	Semi erect
CAZRI Moth-3	CAZRI, Jodhpur	2005	Rajasthan	6	60-88	Resistant to YMV and dry root rot
TMV (Mb)1	TNAU	2007	T.N.		65-70	
Rajasthan moth (RMO 257)	RAU, Bikaner	2007	Rajasthan	5-6	66	Tolerant to YMV

HORSE GRAM (Kulthi)

Variety	Source	Year of Release/ Notification	Area of adoption Zone/State	Ave. yield (Q/ha)	Days to maturity	Remarks
KS 2	RAU	1991	Rajasthan	6-7	80-85	Early maturing, seed brown
Palem 1	ANGRAU	1998	A.P	10-12	80-85	Early maturing, Semi-spreading
Palem 2	ANGRAU	1998	A.P	8-9	100-105	Med. maturing
Arja Kulthi 21 (AK-21)	MPUAT (Bhilwara)	1998	Rainfed areas of NW parts	8-9	70-105	Early maturing
Paiyur 2	TNAU	2001	SZ (KN, AP, Odisha, TN).	8-9	100-106	For Sept- Oct sowing
PHG 9	UAS	2001	SZ (Karnataka, AP, Orissa, TN).	7-9	100-105	Semi spreading thick foliage
Pratap Kulthi - 1 (AK 42)	MPUAT	2005	Raj, Guj., M.P. Haryana	10-12	83-87	Protein 30% lush green foliage with wax deposition
VL Gahat-8	VPKAS, Almora	2007	Uttarakhand	12	92-106	Resistant to anthracnose and stem root
VL Gahat-10	VPKAS, Almora	2007	Uttarakhand	10	110-115	Resistant to YMV & root rot and leaf spot.
GPM 6	AICRP, Bijapur	2008	Karnataka	8-9	120-130	Res. to YMV, mod. res.to Rhizoctonia root rot
VL Gahat 15	VPKAS, Almora	2009	Northern India	5-6	95-105	Resistant to Anthracnose and leaf spot
VL Gahat 19	VPKAS, Almora	2010	North Zone	5	88-94	Multiple disease res. to important disease
CRIDA 1-18 R	CRIDA, Hyderabad	2009	Karnataka, AP and TN	8	72-102	Tolerant to YMV, powdery mildew, leaf blight, and root rot
CRIDA LATHA (RHG 4)	CRIDA	2010	South Zone	8.0	72-110	Tolerant to YMV, powdery mildew, leaf blight, and root rot & mites
Indira kulthi 1 (IKGH 01-01)	IGKV	2010	Chhattisgarh	7.0	92	Up lands under rainfed condition with sowing time of august 15 onwards
Gujarat Dantiwada Horsegarm-1 (GHG-5)	SDAU, SK Nagar	2012	Gujarat, Raj. Uttrakhand, Jharkhand, UP & Maharashtra	5-6	89-100	Resistant to root rot, moderately resistant to PM, Collar rot, Cercopsora leaf spot and leaf blight.

CZ- Central Zone, **SZ-** South Zone, **NEPZ-**North Eastern plane Zone, **NWPZ-** North Western Plane Zone **Res.=** Resistant, **Tol.=** Tolerant, **Mod.=** Moderately, **SMD=** Sterility Mosaic Disease, **YMV=** Yellow Moosaic Virus, **CLS=** Cercospora leaf Spot, **PM=** Powdery Mildew, **ODAP=** β -N Oxalyl-L, β -diaminopropionic acid