

Centrally released varieties of Pigeonpea (Tur/Arhar) in India

Variety	Year of Release /Notification	Source	Area of adoption zones/states	Maturity (Days)	Yield (q/ha)	Special feature
TT 401	2007	BARC, Trombay, Mumbai	CZ (CG, MP,MH, RJ, GJ) NWPZ (DL, HR, JH, PN, RJ, UK)	138-156	15-16	Indeterminate, early maturity and semi spreading, mid early maturing, resistant to wilt.
Jawahar Tur JKM-189	2007	ZARS, Khargaon	CZ (CG, MP,MH,RJ,GJ)	135-140	19-32	Resistant against fusarium wilt, moderately resistant against sterility mosaic and phytophthora blight at medium & high disease.
Pusa 2002	2007	IARI, New Delhi	CZ (CG,MP,MH, RJ,GJ)	110-150	16-17	Indeterminate, semi spreading, early maturing, suitable for pigeonpea-wheat cropping system
IC-550413	2007	IGKV, Raipur	CZ (CG,MP,MH, RJ, GJ)	178-180	18-19	Resistant to Fusarium Wilt, Sterility Mosaic Virus, and Mod. tolerant to H. Armigera and Pod Borers,
TJT 501	2009	BARC, & Khargone	CZ (CG,MP,MH, RJ,GJ)	135-183	18-19	Tolerant to Pod Borer & pod Fly
WRG 53	2009	RARS Warangal	SZ (AP, KA,TN, TL)	150-155	12-16	Indeterminate Semi Spreading, and Tolerant to pod borer,
Narendra Arhar Tur (F 98-1)	2008	NDUA&T, Faizabad	NEPZ (AS, BH, JH, UP)	135-150	15-16	Resistant to smd, wilt and root knot nematode (m. Incognite).
PA 291	2008	G.B.P.U.A.& T, Pantnagar	NWPZ (PN, HR, DL, RJ, West UP, Plains of UK)	140-150	16-18	Tolerant to Phytophthora stem blight & Pod borer.
BRG 2	2009	UAS, Bangalore	SZ (AP, KA,TN, TL)	175-185	12-16	Indeterminatye Semi spreading, green podding, bold seeded
Phule T 0012	2012	MPKV, Rahuri	CZ (CG, MP,MH, RJ,GJ)	135-150	18-20	Moderately resistant to fusarium wilt, SMD and tolerant to Pod borer and Pod fly
RGT-1	2012	ARS Tandur	SZ- Telangana	150-160	14-15	High yielding, Wilt resistant, semi determinate, suitable to <i>kharif</i> and <i>rabi</i>
PKV, Tara (TAT-9629)	2013	PDKV, Akola	CZ (CG,MP,MH,RJ,GJ)	154-189	19-20	Indeterminate, Semi spreading and tolerant to Pod Borer & pod Fly
IPA 203	2014	IIPR, Kanpur	NWPZ (PN, HR, DL, RJ, W-UP , Plains of UK)	115-120	16-18	Resistant to sterility mosaic disease, tolerant to Phytothora blight and Fusarium wilt.
GT 103	2018	SDAU SK Nagar	CZ- Gujarat	175	15-16	Intermediate, spreading, cream colour and bold seeds, resistant to SMD and tolerant to wilt.
CRG 2012-25	2018	TNAU, Coimbatore	SZ (AP, KA, TN, TL)	170	16-17	Intermediate, semi spreading, resistant to SMD/wilt diseases.

Variety	Year of Release /Notification	Source	Area of adoption zones/states	Maturity (Days)	Yield (q/ha)	Special feature
Telangana Kandi (WRGE – 93)	2019	SAU, Warangal	SZ (AP, KA, TN, TL)	170-175	14-15	Moderately resistant to Wilt and SMD diseases.
MPV-106 (Rani)	2020	MSSC, Akola	SZ (AP, KA, TN, TL)	164-174	15-16	Moderately resistance to wilt diseases, resistant level for sterility mosaic is at par with resistant check variety.
Raj Vijay Arhar 19 (RVA 19) (RVSA 16-1)	2020	AICRP, R.A.K college (RVSKVV)	SZ (AP, KA, TN, TL)	166-185	14-15	Moderately resistant to Wilt and SMD diseases.
Bheema GRG-152	2020	ZARS, Kalaburagi	CZ (CG, MP, MH, RJ,GJ)	160-165	12-14	Moderately resistant to Wilt and SMD diseases.
Pant Arhar 6 (PA 421)	2020	G.B.P.U.A. & T, Pantnagar	NWPZ (DL, HR, JH, PN, RJ, UP, UK)	135-177	17-20	Moderately resistant to Wilt and SMD diseases.
IPH 15-03 (Hybrid)	2020	IIPR, Kanpur	NWPZ (DL,HR,PN,UP)	144-163	16	Resistant to Fusarium wilt, SMD and moderately resistant to Phytophthora blight.
LRG 133-33	2021	RARS, Lam, Guntur	SZ (AP, KA, TN, TL)	170-180	12-14	Disease reaction at natural field conditions, resistant to wilt.

Note: AP- Andhra Pradesh, AS- Assam, BH-Bihar, CG-Chhattisgarh, DL-Delhi, GJ-Gujarat, HR-Haryana, JH-Jharkhand, KA-Karnataka, MP-Madhya Pradesh, MH-Maharashtra, PN-Punjab, RJ-Rajasthan, TN-Tamil Nadu, TL-Telangana, UP-Uttar Pradesh, UK-Uttarakhand,

- CZ- Central Zone, NWPZ- North Western Plain Zone, NEPZ-North Eastern Plain Zone, SZ-South Zone, NHZ-Northern Hills Zone.
- SMD- Sterility Mosaic Disease

Source: -i) Project Coordinator's Report, Annual Group Meet on Pigeonpea, 2018-19, AICRP, ICAR, IIPR, Kanpur ii) www.seednet.gov.in

State released varieties of Pigeonpea (Tur/Arhar) in India

Variety	Year of Release /Notification	Source	Area of adoption zones/states	Maturity (Days)	Yield (q/ha)	Special feature
WRP 1	2002	ARS, Gulbarga	SZ/ Karnataka	150-160	10-12	Wilt resistant.
WRP 1	2002	ARS, GULBARGA	SZ/ Karnataka	150-160	10-12	Wilt resistant.
IC 550413	2007	IGKV, Raipur	CZ/ Chhattisgarh	178	10-12	Resistant to fusarium wilt; resistant to sterility mosaic virus disease.
Amol (BDN 708)	2007	ARS, Badnapur,	CZ/ Maharashtra	160-165	15-16	Moderately resistant to wilt and sterility mosaic. Tolerant to pod borer and pod fly
PAU 881	2007	PAU. Ludhiana	Punjab	110-115	12-13	Indeterminate, early maturing, semi spreading, suitable for pigeonpea-wheat cropping system
GT 102	2007	Navsari Agri. Univ. Navsari	Gujrat	100-110	15-16	Indeterminate, spreading, shite and bold seeded, resistant to sterility mosaic disease and tolerant to pod borer and yields about 15-16 q/ha.
GTH-1 (SKNPCH-10)	2007	SDAU, Gujarat	Gujarat	135-145	17-18	No incidence of SMD ; No. of pods /plant : 260; pod length : 4.9 cm; 100 seed weight : 10.5 gm.
Jawahar Tur JKM-189	2007	JNKVV, Jabalpur	Madhya Pradesh	160-180	19-32	Mode.resistant to Fusarium Wilt, SMD &PB . Tolerant to PBcomplex and PF &Nematodes.
Lam-41	2007	NGRAU	Andhra Pradesh	110-115	12-15	Tolerant to Helicoverpa Pod Borer
PalemKhandi (PRG-158)	2007	RARS, Palem	Andhra Pradesh	150-155	16-18	Resistant to Fusarium Wilt; Plant height : 150-180 cm; Tolerant to drought.
VBN (Rg) 3	2007	NPRC, Vamban,	Tamil Nadu	100-105	9-13	Pod length : 4 cm ; Seeds/pod : 4 ; 100-seed wt. : 7.5-8.0 gm.
Vipula	2007	MPKV, Rahuri.M.S.	Maharashtra	145-160	16-17	Resistant to Fusarium wilts and Mod.resistant to sterility mosaic diseases. Plant Height : 160-170 CM.
VL Arhar-1	2007	VPKAS, ICAR, Almora,	Uttarakhand	150	18-19	Resistant to wilt and Alternaria Leaf Blight and Rot. susceptible to Blister Beetle.
TS 3R	2011	ARS Gulbarga	SZ/ Karnataka	150-155	12-16	Indeterminate, semi spreading, white and bold seeded, Resistant to <i>Fusarium</i> wilt, 100 seed weight 10.5 grams.
AGT 2 Anand Grain Tur-2	2011	Anand Agri. Uni., Moel farm Vadodara	CZ/ Gujarat	170-180	15-16	Indeterminate, semi spreading, white and bold seeded, medium maturity, yields about 16 q/ha
Rajeev Lochan	2011	IGKVV, Raipur	CZ- CG	178	18-19	Resistant to wilt & sterility mosaic disease
BDN 711	2012	ARS,Badnapur	CZ- MH	150-160	15-23	Indeterminate, spreading, Resistant to wilt & sterility mosaic disease, escape terminal drought

Variety	Year of Release /Notification	Source	Area of adoption zones/states	Maturity (Days)	Yield (q/ha)	Special feature
WRG-65	2013	ARS, Warangal	SZ- Andhra Pradesh	150-160	14-16	Indeterminate, spreading medium, Resistant to wilt, tolerant to pod borer
ICPH 2671	2013	RAK College Sehore	CZ- Madhya Pradesh	180-190	15-16	Indeterminate, medium maturity, tolerant to wilt and sterility mosaic
BRG 4	2014	UAS, Bangalore	SZ- Karnataka	135-150	12-16	Indeterminate, semi determinate, mid early, suitable for normal and delayed sowings
GJP-1 Gujarat Junagadh Pigeonpea 1	2015	JAU, Junagrh	CZ- Gujarat	177	20-21	Indeterminate, semi spreading, medium maturity, light colour foliage, white & bold seed size, mod. res. wilt and sterility mosaic and blight
TDRG 4	2015	ARS Tandur	SZ- Telangana	170-180	20-22	Indeterminate, spreading, resistant to wilt and moderately resistant to sterility mosaic disease and highly tolerant to pod borer
PRG 176	2015	RARS, Palem	SZ- Telangana	130-135	20-22	Indetrminate, semi spreading, , suitable to low railfall areas and chalka soils of Telangana
BRG 5	2015	UAS, Bangalore	SZ-Karnataka	160-170	10-12	Indeterminate, semi spreading, red flowers, brown seeded (12.5 g/100 seed), resistant to wilt and moderately resistant to sterility mosaic disease
Rajendra Arhar-1	2015	Dr. RPCA, Pusa, Bihar	NEPZ/ Bihar	260 - 370	28-30	Indeterminate, erect and compact, dark brown and oval seeds, resistant to sterility mosaic and moderately resistant to wilt.
ICPH 2740	2016	ICRISAT	SZ-Telangana	180-185	15-16	Indeterminate, semi spreading, resistant to sterility mosaic and wilt.
GRG 881	2016	ARS Gulbarga	SZ- Karnataka	160	13-16	Indeterminate, semi spreading, , brown seeded, resistant to fusarium wilt moderately resistant to sterility mosaic disease, 100 seed weight 10 grams
BDN 716	2016	ARS Badnapur	CZ-Maharashtra	160-165	21-22	Indeterminate, spreading, resistant to wilt and sterility mosaic, red and large seeded (12g/100 seed)
CORG 8	2016	TNAU Coimbatore	SZ-Tamil Nadu	170-180	18-20	Indeterminate, bold seeded (100 seed wt. 11g), resistant to sterility mosaic disease and tolerant to <i>Helicoverpa armigera</i> & <i>Maruca vitarata</i>
GNP-2 (BP-06-33)	2016	NAU Navsari	CZ-Gujarat	170	16-18	Intermediate, semi spreading, medium maturity tolerant to wilt and sterility mosaic disease.
LRG 52	2017	RARS, Lam	SZ/ Andhra Pradesh	170	15-18	Indeterminate, semi spreading, dark purple pods, brown and large seeded and moderately resistant wilt
Pusa Arhar 16	2018	IARI, Pusa, New	NWPZ/ Delhi	120	10-12	Determinate, erect and compact, extra early, matures

Variety	Year of Release /Notification	Source	Area of adoption zones/states	Maturity (Days)	Yield (q/ha)	Special feature
(PADT 16)		Delhi				in about 120 days, yields about>10q/ha.
BRG 3	2018	UAS Bangalore	SZ/ Karnataka	160-170	15	Intermediate, semi spreading, red flowers, mottled seed, resistant to SMD and wilt,
GT 104 (NPMK 15-05)	2019	NAU Navsari	CZ/ Gujarat	160-170	18-20	Intermediate, semi spreading, long pods (5-7 seeds/pod), cream colour, resistant to SMD.
Krishna (LRG 105)	2020	RARS, ANGRAU, Guntur	SZ/ Andhra Pradesh	165-180	13-15	Resistant to wilt and SMD
Gujarat Tur 105 (GT-105: Janki)	2020	NAU Navsari	CZ/ Gujarat	135-145	18-19	Suitable for kharif season cultivation
Tirupati Kandi 59 (TRG-59)	2020	RARS, ANGRAU, Guntur	SZ/ Andhra Pradesh	160-180	16-18	Tolerant to wilt and SMD.
Chhattisgarh Arhar-1 (RPS 2007-10)	2020	IGKV, Raipur	CZ/ Chhattisgarh	165-175	Kh 18-20 Rabi15-17	Moderately Resistant (MR) to wilt diseases and less incidence of Sterility Mosaic Disease (SMD) and Phytophthora stem Blight (PSB) disease.

Source: -i) Project Coordinator's Report, Annual Group Meet on Pigeonpea, 2018-19, AICRP, ICAR, IIPR, Kanpur ii) www.seednet.gov.in
