

## Central released varieties of Blackgram/Urdbean in India

Variety	Year of release	Originating centre	Yield (q/ha)	Days to maturity	Area of Adoption	Suitable for Season	Salient features
WBU 109 (Sulata)	2008	Berhampore (W.B)	10-12	70-75	NEPZ ( WB)	Spring Season	Resistant to MYMV
Pant Urd 31	2008	Central	15-16	75-80	CZ (RJ, CG); SZ (AP, OD); NEPZ (UP, BR); NHZ (TR, UK)	Kharif	Resistant to MYMV
IPU02-43	2009	IIPR, Kanpur	10-1	70-72	SZ(KA, AP, TN,OD)	Kharif	Res. to MYMV & PM.
LU 391	2011	PAU, Ludhiana	10-12	70-75	SZ (KA, AP, TN, OD)	Spring	Resistant to MYMV, LCV, CLS, Anthracnose & PM.
Mash 479 (KUG 479)	2011	PAU, Ludhiana	10-12	82-85	NWPZ (PN, HR, UP, & UK).	Spring	Resistant to MYMV PM; BLS and LCV.
Vishwas (NUL-7)	2012	Nirmal Seeds,	11-12	69-73	CZ (CG,GJ,MP,MH,Part of RJ,BK-UP)	Kharif	Res. to MYMV & Powdery Mildew
VBN (Bg) 7 (VBG04-008)	2012	TNAU, Vamban	8-9	63-90	SZ (AP, KA, OD, TN)	Kharif	Resistant to MYMV, Powdery Mildew, LCV & rust rot diseases
TU 40	2013	Trombay Mumbai	9-10	70-75	SZ ( AP, TN, KA, OD)	Rabi	Resistant to Powdery Mildew
Pratap Urd-1 (KPU 07-08)	2013	ARS Kota	10-11	74-76	Rajasthan	Kharif	Tolerant to moisture stress, mod. res. to MYMV, LCV, anthracnose, BLB.
LBG 787 (Tulasi)	2016	ARS, Lam,	15-16	70-75	SZ (TN , AP, KA, TL and Andaman & Nicobar)	Rice-fallows and after Rabi paddy ( <b>summer</b> )	Resistant to Powdery Mildew
VBN 8 (VBG 09-005)	2018	NPRC, Vamban	13-14	65-75	SZ (AP, TN, KA and OD)	Summer Irrigated	Resistant to YMV, LCV, leaf curl virus, stem necrosis; free from PM and CLS and moderately resistant to root rot.
Mukundra Urd-2 (KPU 405)	2018	ARS, Kota	10-11	75-80	NWPZ (RJ, HR, PN, Plains of HP, UK.)	Kharif & Summer/ spring,	Resistant to MYMV.
Pant Urd 10 (PU 10-23)	2019	GBPUA&T, Pantnagar	12-13	80-85	NHZ (J&K, HP, TR, MN)	Kharif	Resistant to MYMV, PM & LCV.
PDU 1 (Basant Bahar)	2019	IIPR, Kanpur	13-14	70-80	NWPZ (RJ, HR, PN, Plains of HP, UK) CZ (CG,GJ,MP,MH,Part of RJ,BK-UP)	Spring season	Tolerant to MYMV
Kota Urd 4 (KPU 12-1735)	2020	AU, Kota	12-13	75-80	NEPZ (UP, BR, JH, AS and WB)	Spring	Resistant to CLS and moderately resistant to MYMV, less incidence of pod borer and maruca, tolerant to major biotic stresses

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VBN 9 (VBG 12-111)	2020	NPRC, Vamban	12-13	70-75	SZ (AP, TN, KA and OD)	Rice fallow conditions	Mod. resistant to MYMV , urdbean Leaf Curl Virus and PM.
VBN 10 (VBG 12-034)	2020	NPRC Vamban	11-12	74-76	SZ (AP, TN, KA and OD)	Rabi	Resistant to MYMV, urdbean LCV and Leaf Curl Virus.

**Note :** AP- Andhra Pradesh, AS-Assam, CG- Chhattisgarh, BR-Bihar, GJ-Gujarat, HP- Himachal Pradesh, MP-Madhya Pradesh, MH-Maharashtra, MN-Manipur, RJ-Rajasthan, HR- Haryana, JH-Jharkhand, KA- Karnataka, TR-Tripura, TN- Tamil Nadu, TL-Telangana, OD- Odisha, PN-Punjab, BK-UP- Bundelkhand region of Uttar Pradesh, UP-Uttar Pradesh, UK-Uttarakhand, WB- West Bengal.

- CZ- Central Zone, NWPZ- North Western Plain Zone, NEPZ-North Eastern Plain Zone, SZ-South Zone, NHZ-Northern Hills Zone.
- MYMV- Mungbean Yellow Mosaic Virus, CLS- Cercospora Leaf Spot, LCV- Leaf Crinkle Virus, BLS- Bacterial Leaf Spot, PM- Powdery Mildews.

**Source:** - i) *Project Coordinator's Report, AICRP on MULLaRP , ICAR, IIPR, Kanpur. 2017-18 & 2020*, ii) [www.seednet.gov.in](http://www.seednet.gov.in)

## State released varieties of Blackgram/Urdbean in India

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Lam-709	2007	ANGRAU	14-15	90-95	Andhra Pradesh		Tolerant to YMV and Wilt.
AKU 15	2007	PDKV, Akola,	10-12	65-83	Maharashtra	Kharif	Tolerates the powdery mildew disease.
Mash 1008	2007	PAU, Ludhiana	11-12	80-90	Punjab		Resistant to MYMV and LCV
Rashmi (LB 625)	2008	ARS, Kathalagere	10-12	70-75	Karnataka	Kharif	Moderately tolerant to PM and Leaf Spot.
Pant Urd -40	2008	ARS, Madhira	13-14	75-80	NHZ (J&K, HP, TR, MN)	Kharif	Moderately susceptible to Cercospora leaf & powdery mildew
Madira Minimu 260	2009	ARS, Madhira	13-14	75-80	Andhra Pradesh	Kharif, Rabi & Summer	Tolerant to YMV & stress.
VBN (Bg) 5	2009	NPRC, Vamban	8-9	65 – 70	Tamil Nadu	All season	Moderately Resistant to YMV
UPU 00-3 (himachal Mash 1)	2010	CSK HPKV, HAREC, Dhaulakaun	14-16	75-80	Low hills of HP	Kharif	Resistant to LCV, powdery mildew, Anthracnose and YMV
Mash 114	2010	PAU, Ludhiana	9-10	83-85	Punjab	Kharif	Moderately susceptible to CLS & PM
LBG 752 (Lam Minimu 752)	2010	ANGRAU,, RARS, Guntur	18-20	75-80	Andhra Pradesh	All Seasons	Photo insensitive, resistant to wilt and YMV
CO 6 (COBG 653)	2011	TNAU,Coimbatore	8-9	60-65	KA, TN, AP, Odisha	All Seasons	Moderately resistant to YMV
VBN 6	2012	NPRC, Vamban	8-9	65-70	Tamilnadu	All Seasons	Resistant to YMV
UH-1 (UH 04-06)	2012	CCSHAU, Hissar	10-12	73-75	Haryana	Kharif	Resistant to MYMV
DU-1	2013	UAS, Dharwad	14-15	80-85	Gujarat	Kharif/Rabi/Summer /Rice fallows	High yielded bold seeded moderately susceptible to CLS & PM
DBGV-5	2014	UAS, Dharwad	14-15	82-85	Karnataka	Kharif	Moderately susceptible to CLS and moderately resistant to PM
SBC 40	2014	RARS, Shillongini	15-16	75-80	Assam		Resistant to CLS and YMV
MDU-1 (ACM 07002)	2015	AC&RI, Madurai	7-8	70-75	Tamilnadu	Rabi	High yield and resistant to Leaf Crinkle Virus
Vallabh Urd 1	2015	SBVPUAT,Meerut	10-11	70-75	Punjab, Haryana,	Kharif	Tolerant to MYMV
Indira Urd Pratham	2015	IGKV, Raipur	12-13	70-75	Chhattisgarh	Kharif and summer	Res. to powdery mildew upto podding,
PDKV Blackgold (AKU 10-1)	2016	Dr.PDKV, Akola	10-11	70-75	Maharashtra	Kharif	Tolerant to MYMV and powdery mildew
Tirupati Minimu - 1 (TBG 104)	2017	ARS, Tirupati	15-16	75-80	Andhra Pradesh	Rabi	Tolerant to MYMV

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Black gram KKM 1(COBG 643/VBN 3)	2017	SAU, Research institute, Kilikulam (TNAU)	6-8	65-70	Tamilnadu	Kharif and Rice fallow	Tolerant to root knot nematode, moderately resistant to YMV
ADT 6	2018	TNAU, Adhuthurai	7-8	65-70	Tamilnadu	Rice fallow	Resistant to LCV, PM.
Tripura Maskalai (TRC Urd 99-2)	2018	ICAR Research complex for North eastern region	11-12	75-80	Tripura	Kharif season	MYMV resistant
GBG 1 (Ghantashal Minumu-1)	2019	ARS, Ghantashala	13-14	70-75	Andhra Pradesh	kharif, rabi and summer season	Resistant to Mungbean Yellow Mosaic Virus and photo-insensitive
Pant Urd 10 (PU 10-23)	2019	GBPUA&T, Pantnagar	12-13	80-85	NHZ	Kharif	Resistance to MYMV, ULCV and CLS disease
IPU 11-02	2019	IIPR, Kanpur	8-10	70-80	M.P.	kharif season	Resistant to MYMV
Pant U 7 (PU 10-16)	2020	GBPUA&T, Pantnagar	8-9	80-85	Uttarakhand	kharif season	MYMV and PM resistant
Pant U 8 (PU 11-14)	2020	GBPUA&T, Pantnagar	9-10	80-85	Uttarakhand	kharif season	Res. To MYMV, BLS and PM and tolerant to whitefly and jassid.
Pant U 9 {PU 11-25}	2020	GBPUA&T, Pantnagar	10-11	80-85	Uttarakhand	kharif season	Res. To MYMV, CLS and PM
IPU 13-1	2020	IIPR, Kanpur	9-10	70-80	M.P.	kharif season	Resistant to MYMV
IPU 10-26	2020	IIPR, Kanpur	8-10	70-80	M.P.	kharif season	Resistant to MYMV
VBN 11 (VBG 12-062)	2020	NPRC Vamban	12-13	70-75	Tamil Nadu	Suitable for all seasons	Moderately resistant reaction to MYMV, leaf spot and anthracnose
OBG 33 (Shashi)	2020	OUAT, Bhubaneswar	11-12	70-75	Odisha	Kharif, Rabi, and rice fallow irrigated upland area	Moderately resistant reaction to MYMV
KPU 524-65 (Kota Urd 3)	2020	AAU, Kota	10-12	68-74	Rajasthan	Suitable for kharif and spring season	Moderately resistant to MYMV, leaf spot and anthracnose
Gujarat Urd 2 (GJU 1509)	2020	JAU, Junagadh (Gujarat)	10-12	82-85	Gujarat	Kharif ( Rainfed)	Resistant to yellow mosaic virus, powdery mildew and leaf curl diseases, resistant to pod borer, white fly, aphids and thrips
Gujarat Urdbean 3 (GU-3: Anjani)	2020	NAU, Navsari (Gujarat)	9-10	100-102	Gujarat	Kharif ( Rainfed)	Resistant to yellow mosaic virus, ULCV and cercospora diseases

**Note:** MYMV- Mungbean Yellow Mosaic Virus, CLS- Cercospora Leaf Spot, LCV- Leaf Crinkle Virus, BLS- Bacterial Leaf Spot, PM- Powdery Mildews.

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