

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	10-11	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 (summer)	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.
Kalinga Urd 41 ((OBG 41)	2021	Centre for Pulses Research, OUAT, Berhampur, Ganjam (Odisha)	11	72	SZ (AP, TN, KA and OD)	Suitable for rainfed condition	resistant against MYMV, leaf crinkle virus, CLS and moderately resistant to web blight, powdery mildew, Macrophomina blight, anthracnose, and root-rot diseases.
Blackgram LBG 791	2021	UAS, ZARS, Mandya (Karnataka)	9-10	75-80	Karnataka	Suitable for rainfed/irrigated conditions in early kharif.	Erect plant type with lanceolate leaves, pods with sparse hairs and dull black non-shiny seeds.
Pant Urd 12	2021	GBPUA&T, Pantnagar	14-15	79	NWPZ (HR, PN, UP, UK,RJ) NHZ (J&K)	Rainfed/irrigated, conditions of kharif	Resistant against MYMV, web blight, leaf crinkle, leaf curl virus and root-rot diseases, white- fly, pod-borer, pod bug, maruca, and pod-fly
Mash 1190 (SUG 1190)	2023	PAU Ludhiana		70-80	NWPZ (HR, PN, UP, UK.)		

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. 2021-22,ii) ICAR annual report 2022-23

ii) www.seednet.gov.in

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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 (himalach 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(RU 03-14)	2015	IGKV, Raipur	12-13	70-75	Chhattisgarh	Kharif and summer	Res. to powdery mildew upto podding,
PDKV Blackgold (AKU)	2016	Dr.PDKV, Akola	10-11	70-75	Maharashtra	Kharif	Tolerant to MYMV and powdery mildew

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10-1)							
Tirupati Minumu -1 (TBG 104)	2017	ARS, Tirupati	15-16	75-80	Andhra Pradesh	Rabi	Tolerant to MYMV
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	2020	NAU, Navsari	9-10	100-102	Gujarat	Kharif (Rainfed)	Resistant to yellow mosaic virus,

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(GU-3: Anjani)		(Gujarat)					ULCV and cercospora diseases
Blackgram LBG 791	2021		12.2	79–85	Karnataka	Suitable for rainfed upland ecology and timely-sowing condition	Resistant to MYMV, Cercospora leaf spot, root-rot, powdery mildew and moderately resistant to white-fly, jassid, and root knot nematode.
Birsa Urd 2 (RUB 12-02)	2021	BAU, Ranchi. (Jharkhand)	12.2	79-85	Jharkhand	Suitable for rainfed upland land ecology and timely-sowing condition,	resistant to MYMV, Cercospora leaf spot, root-rot, powdery mildew, and moderately resistant to white-fly, jassid and root knot nematode
Mash 1137	2021	Punjab Agricultural University, Ludhiana (Punjab)	10-12	73-74	Punjab	Suitable for timely sown during kharif season.	Resistant to disease and insect-pests.
IPU 17-1	2021	ICAR- IIPR, Kanpur (Uttar Pradesh)	10-12	73-74	Madhya Pradesh	Suitable for timely sown condition.	moderately resistant against root knot nematodes and resistant to urdbean leaf crinkle virus, leaf curl virus, web blight, bacterial leaf blight, powdery mildew.
CO 7 (COBG 10-05)	2021	Tamil Nadu Agricultural University Coimbatore (Tamil Nadu)	8–10	60–65	Tamil Nadu	Suitable for single/mechanical harvest,	Resistant to YMD and moderately resistant to leaf crinkle, and stem necrosis diseases.
SHYAMAL (SBC 40 AAU SBC 40)	2022	AAU, Assam	14–16	75–80	Assam	Suitable for kharif season under rainfed condition	resistant to Cercospora leaf spot (CLS), yellow mosaic virus (MYMV) diseases and moderately resistant to pod-borer, aphids, leaf-roller, and storage pests.
GUJARAT ANAND URDBEAN 4 (GAU 4 SHYAMAL)	2022	Research Scientist Pulse Research Station, Anand Agricultural University, Vadodara (Gujarat)	10-11	80-85	Gujarat	Kharif & Summer season	Resistant to YMD under natural field condition
Lam Minumu 884 (LBG 884)	2023	AICRP on MULLaRP Regional Agricultural Research Station, Lam, Guntur	20-22	80-85	Andhra Pradesh	-	Resistant to MYMV.
	2023	P.J.T.S.Agricultural	13-14	75-80	Telanagana	Kharif, Rabi &	Resistance to maruca pod borer (MR)

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Madhira Minumu-01 (MBG -1070)		University, Agricultural Research Station, Madhira.				Summer season	3) and shown moderately susceptible to pod bug.
Pant Urd 11 (PU 13-05)	2023	G.B. Pant University of Agriculture and Tech., Pantnagar, Uttarakhand.	12-14	72-116	Uttarakhand	Uttarakhand plains under timely sown conditions.	-
Phule Vasu (PU-0609-43)	2023	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	12-15	67-81	Maharashtra	-	-

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