

Central released varieties of Lentil/Masoor in India

Variety	Year of release	Originating centre	Yield (q/ha)	Days to maturity	Area of Adoption	Special features	Salient features
VL Masoor 126	2007	ICAR-VPKAS, Almora (UK)	12-13	126-212	NWPZ (HP, UK, J&K)	Rainfed	Resistant to GM and moderately resistant to wilt and rust
IPL 406	2007	ICAR-IIPR, Kanpur (U.P)	12-14	120-155	NWPZ (HR, PN, RJ, UP, UK)	Timely Sown, Irrigated	Resistant to rust and wilt diseases. Wider adaptability.
Pusa Masoor 5 (L-4594)	2008	IARI, (New Delhi)	17-18	120-128	Delhi	Normal & Late	Moderately resistant to pod borer, resistant to rust.
Moitree (WBL 77)	2009	Berhampore (West Bengal)	14-15	115-120	NEPZ (AS, BH, JH, WB), NWPZ-UP	Small seeded	Resistant to rust.
Pant Masoor 6 (PL 02)	2010	GBPUA&T, Pantnagar (UK)	16-18	125-145	Uttarakhand	Small seeded	Resistant to rust.
Pant Masoor 7 (PL 024)	2010	GBPUA&T, Pantnagar (UK)	16-18	114-145	NWPZ (UK, UP, PN, HR)	Large seed	Resistant to rust. Resistant to pod borer.
Pant Lentil 8 (Pant L 063)	2010	GBPUA&T, Pantnagar (UK)	15-16	130-135	NWPZ (HR, PN, UP, UK, DL, RJ) CZ (GJ)	Large seed	Moderately resistant to rust and wilt. Resistant to pod borer
IPL 316	2013	ICAR-IIPR, Kanpur (U.P)	14-15	110-115	NEPZ (BH,JH) CZ (CG,GJ, MP, MH) NWPZ (RJ, UP)	Large seed	Tolerance to wilt and rust
RVL 11-6	2017	RVSKVV, RAK Sehore (M.P.)	11-12	107-113	CZ (CG, MP, GJ, MH) NWPZ (RJ, UP)	Large seed	Tolerant to Wilt.
L 4717 (Pusa Ageti Masur)	2017	IARI, (New Delhi)	12-13	96-106	CZ (MP, CG) NWPZ (UP, RJ) NEPZ- WB	Extra early type Bio-fortified	Resistant to wilt and Ascochyta blight
Kota Masoor 2 (RKL 14-20)	2018	Agri. University, Kota (Rajasthan)	12-15	97-104	CZ (CG, MP, MH) RJ,	Timely sown	Tolerant to drought, high temperature
L 4727	2018	IARI, (New Delhi)	11-15	92-128	CZ/NWPZ (CG, MP, MH /RJ)	Timely sown	Moderately resistant to wilt
IPL 220	2018	ICAR-IIPR, Kanpur (U.P)	14-18	119-122	NEPZ (AS, BH, WB) NWPZ- UP	Bio-fortified	Resistant to rust and Fusarium wilt

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Kota Masoor-1 (RKL 607-1)	2018	Agri. University, Kota (Rajasthan)	10-14	98-107	CZ (CG, GJ, MP, MH) NWPZ (UP, RJ)	Timely sown	Tolerant to drought and high temperature
RVL 13-5 (Raj Vijay Lentil 13-5)	2019	RVSKVV, RAK Sehore (M.P.)	12-14	103-109	CZ/NWPZ (CG,MP,MH/RJ)	Timely sown	Resistant reaction against wilt. Bold seeds and high yield
RVL 13-7 (Raj Vijay Lentil 13-7)	2019	RVSKVV, RAK Sehore (M.P.)	14-15	99-103	CZ/NWPZ (CG, MP/ RJ)	Timely sown	Resistant reaction against wilt. Bold seeds and high yield
L 4729	2020	IARI, (New Delhi)	17-18	96-110	CZ/NWPZ (CG, MP/ RJ,UP)	Timely Sown Rainfed	Low incidence of major pests. Moderately resistance to wilt
PSL-9	2020	IARI, (New Delhi)	20-25	108-116	NWPZ (HR, UP)	Timely sown in salinity stress condition	Resistant to wilt, rust, powdery mildew and stemphylium blight.
VL Masoor 148	2020	ICAR-VPKAS, Almora (UK)	6-8	157-163	NWPZ (HP, J&K, UK)	Timely sown	Semi erect & vigorous in growth, Brown Seed coat colour, Plant height: Short
PDL-1	2020	ICAR(New Delhi)	9-10	111	NWPZ (HR, UP)	Moderate salinity stress condition.	Resistance to Fusarium wilt, rust, powdery mildew, stemphylium blight, pod borer and aphid.
Kota Masoor 3 (RKL 605-03)	2020	Agri. University, Kota (Rajasthan)	12-14	86-119	NWPZ (RJ, PN, UP) CZ (MP, CG, GJ, MH), SZ (OD)	Rainfed with normal sown	Tolerant to drought and high temperature.
LL 1373	2020	PAU, Ludhiana (Punjab)	15-16	124-131	NWPZ (UP, N-RJ, PN,HR, UK)	Timely sown condition.	Moderately resistant to wilt and rust.
RKL 58 F 3715 (Kota Masoor 4)	2021	Agri. University, Kota (Rajasthan)	13-14	83-130	CZ (CG, GJ, MP, MH), NWPZ (RJ, UP)	Timely Sown Rainfed	Resistant to rust & tolerant to wilt.
LL 1613	2023	PAU, Ludhiana	16-17	114-145	NWPZ (HR, PN, UP, UK, DL, RJ)	irrigated condition	-

Note: AS- Assam, BH-Bihar, CG-Chhattisgarh, DL-Delhi, GJ-Gujarat, HP-Himachal Pradesh, HR-Haryana, JH-Jharkhand, J&K-Jammu & Kashmi, MP-Madhya Pradesh, MH-Maharashtra, OD-Odisha, PN-Punjab, RJ-Rajasthan, UP-Uttar Pradesh, UK-Uttarakhand, WB-West Bengal,

Source : i) Project Coordinator's Report, Annual Group Meet on MULLaRP, AICRP, ICAR, IIPR, Kanpur 2021-22, ii) ICAR Annual 2022-23
iii) www.seednet.gov.in

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Haryana Masar-1 (LH 89-48)	2007	CCS HAU, Hisar (Haryana)	14-15	138-140	Haryana	Early/Normal/Late Sown Condition	Moderately resistant to all the diseases. Moderately resistant to lentil pod borer.
LL 931	2009	PAU, Ludhiana (Punjab)	12-13	145-150	Punjab state	Bold Seeded	Resistant to lentil rust and tolerant to pod borer
Shekhar Masoor 2 (KLB 303)	2009	CSAU&T Kanpur (U.P)	15-16	128	Uttar Pradesh	Bold seeded	Moderately resistant to wilt & rust.
Shekhar Masoor 3 (KL 320)	2009	CSAU&T Kanpur (U.P)	15-16	128	Uttar Pradesh	Bold seeded	Moderately resistant to wilt & rust.
VL Masoor 129	2010	ICAR-VPKAS, Almora (UK)	7-11	145-150	Uttarakhand	Small Seeded	Resistant to Wilt and Root Rot and no infestation of Pod Borer.
VL Masoor 514 (VL 514)	2011	ICAR-VPKAS, Almora (UK)	8-10	155-160	Uttarakhand	Bold Seeded	Moderately resistant to wilt and rust
VL Masoor 133 (VL 133)	2011	ICAR-VPKAS, Almora (UK)	12-13	114-120	Uttarakhand	Timely Sown Rainfed	Resistant to wilt, root rot and rust.
Raj Vijay Lentil 31 (JL 31)	2014	RVSKVV, RAK Sehore (M.P.)	18-19	110-115	Madhya Pradesh	Bold Seeded high biomass,	Resistant to wilt
Shalimar Masoor-2 (SKUA-L-9)	2015	SKUAST-K, Srinagar (J&K)	12.85	200-205	Kashmir Valley	Bold Seeded Protein-23%	Moderately resistant to wilt and rust, resistant to white grub
KLB 2008-4 (Krati)	2015	CSAUA&T, Kanupr (UP)	18-20	115-120	Uttar Pradesh	Bold Seeded	Resistant to wilt
KLS 09-3 (Krish)	2015	CSAUA&T, Kanupr (UP)	18-20	105-110	Uttar Pradesh	Small seeded	Resistant to wilt and rust
RLG 5 (Keshwanand Masoor 1)	2016	RARI, Durgapura (Rajasthan)	15-16	110-115	Rajasthan	Rainfed condition	Double podded and suitable for Mod. resistant to root knot nematode.
Pant Lentil – 9 (PL 098)	2017	GBPUA&T, Pantnagar (UK)	13-14	113-135	Uttarakhand	Small seeded	Resistant to rust, wilt and <i>ascochyta</i> blight diseases
KLB 345 (Shekhar 4)	2018	CSAUA&T, Kanupr (UP)	18-20	111	Uttar Pradesh	Bold seeded	Resistant to rust and wilt
KLS 122	2018	CSAUA&T,	16-18	105-115	Uttar Pradesh	Small seeded	Resistant to rust and wilt

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(Shekhar 5)		Kanupr (UP)					
IPL 526	2016	ICAR-IIPR, Kanpur (U.P)	7-9	97-128	Uttar Pradesh	Large seeded	Tolerance to rust and wilt
Pant lentil 9 (PL 098)	2017	GBPUA&T, Pantnagar (UK)	15-16	120-135	Uttarkhand	Suitable for rainfed condition.	Resistant to wilt.
Kota Masoor 1 (RKL 607-1)	2018	AU, Rajasthan	13-14	105	Rajasthan	Suitable for rainfed condition.	Tolerant to wilt.
Shalimar Masoor -3 (SKUA-L-96)	2019	SKUAST-K, Srinagar (J&K)	11-12	204	Kashmir valley	Bold Seeded	Tolerant to frost and winter chilling
IPL 315	2019	ICAR-IIPR, Kanpur (U.P)	12-13	135-140	Uttar Pradesh Madhya Pradesh	Large seeded	Resistant to rust & tolerant to wilt
IPL 321	2019	ICAR-IIPR, Kanpur (U.P)	9-10	130-135	Uttar Pradesh Madhya Pradesh	Large seed	Resistant to wilt
Shalimar Masoor 3	2019	SKUAST-K, Srinagar (J&K)	12-13	204	Kashmir valley	-	-
IPL 534	2020	ICAR-IIPR, Kanpur (U.P)	11-16	100-107	Madhya Pradesh	Timely Sown	Resistant to rust and Fusarium wilt. Tolerant to black aphid and pod borer.
Chhattisgarh Masoor-1 (RL-3-5)	2020	IGKV, Raipur (CG)	Normal-8; Rainfed-12-15; Relay-4-6	88-95	Chhattisgarh.	Early Rainfed . Utera Relay cropping semi-irrigated	High biomass, early maturity as compared to existing varieties.
IPL 225	2021	ICAR-IIPR, Kanpur (U.P)	10-11	105-133	Uttar Pradesh	Timely Sown	Resistance to rust and tolerance to wilt.
IPL 329	2021	ICAR-IIPR, Kanpur (U.P)	12-14	120-125	Uttar Pradesh	Timely Sown	Resistant to rust and Fusarium wilt diseases.
Pant Lentil 11 (P L 164)	2021	GBPUA&T, Pantnagar (UK)	12	101-132	Uttarakhand	Timely sown rainfed/irrigated condition.	Resistance to rust disease and moderately resistant to pod borer.
Jammu Lentil 144	2021	SKUAST-K, Srinagar (J&K)	11-12	122-125	Kashmir valley	Timely Sown	Lodging resistant.
Jammu Lentil 71	2021	SKUAST-K, Srinagar (J&K)	10-11	140-145	Kashmir valley	Timely Sown	Resistant to wilt, root rot, pod borer and aphids.

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Bidhan Lentil 16	2022	BCKV, Mohanpur, Nadia (West Bengal)	15-16	109-132	West Bengal	Suitable for old and new Alluvial zones.	Errect and lodging resistant.
IPL 230	2023	ICAR-IIPR, Kanpur	11-14	111-115	Uttar Pradesh	Normal Sown Under Rainfed Conditions.	Rust and tolerance to Fusarium wilt.
Pant Lentil 12 (PL 245)	2023	GBPUA&T, Pantnagar (UK)	13-15	143-182	Uttarakhand	Timely sown rainfed/Irrigated conditions	Resistant to rust disease of lentil and Moderately resistant to Pod borer.
VL Masoor 150 (VL 150)	2023	ICAR-V.P.K.A.S., Almore, Uttarakhand	7-11	156-161	Uttarakhand	-	Moderately resistant against wilt under field conditions

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