

NATIONAL PULSES SCENARIO

1. Pulses Current Status : India (2022-23)

- Largest Producer of Pulses in the world
- India is the **largest producer (25% of global production), consumer (27% of world consumption) and importer (14%)** of pulses in the world.
- Pulses account for around **23% of the area** under food grains and contribute around **9-10% of the total foodgrains production** in the country.
- Approx. **30 Million Ha** Area under pulses cultivation, about **25 MT** of annual production with avg. productivity of **851 kg/Ha** (Avg. of 2018-19 to 2022-23).

2. Season-wise Major Pulses Crops

Season	Pulses
Kharif	Arhar, Urd, Moong, Lobia, Kulthi and Moth
Rabi	Gram, Lentil, Pea, Lathyrus and Rajma
Spring	Urd, Moong, Lobia

3. Crop-wise Pulses APY & Season-wise Share

(Area- Lakh ha, Production-Lakh Tones, Yield- kg/ha)

Crop	Season	Normal (Average of 2018-19 to 2022-23)			Contribution (%)	
		Area	Production	Yield	Area	Production
Tur	Kharif	45.55	38.11	837	33	47
Gram	Rabi	100.91	117.48	1164	65	70
Urd	Kharif	36.73	17.66	481	28	22
	Rabi	9.10	7.89	867	6	5
	Total	45.83	25.56	558	16	10
Mung	Kharif	37.01	17.61	476	27	22
	Rabi	14.12	12.17	862	9	7
	Total	51.13	29.78	583	18	12
Lentil	Rabi	14.36	13.30	926	9	8
Other Pulses	Kharif	16.73	7.59	454	12	9
	Rabi	16.61	16.03	965	11	10
	Total	33.35	23.62	708	11	10
Total Pulses	Kharif	136.02	80.97	595	47	33
	Rabi	155.10	166.87	1076	53	67
	Total	291.12	247.85	851		

Source: DES, Min. of Agri. & FW (Normal 2018-19 to 2022-23)

- **TOTAL PULSES** : Normal Area about 291 Lha ha (Kharif- 136 Lha + Rabi-155 Lha). The seasonal percent share to kharif area is 47% remaining 53% area goes to rabi pulses.

Area & Prod. Contri. (approx. 90% for both): M.P (19% & 22%), Maharashtra (16% for both), Rajasthan (21% & 16%), Uttar Pradesh (8% & 10%), Karnataka (11% & 8%), Gujarat (4% & 6%), Andhra Pradesh (4% for both), Jharkhand (3% for both), Telangana (2% for both) and Tamil Nadu (3% & 2%).

Ever highest area and production in Total Pulses was 307 Lha and 273 Lt. during 2021-22 and productivity of 902 kg/ha during 2022-23.

TOTAL PULSE (KHARIF + RABI)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	54.38	19	54.82	22	1008
Maharashtra	45.62	16	40.80	16	894
Rajasthan	60.69	21	40.36	16	665
Uttar Pradesh	24.45	8	25.59	10	1046
Karnataka	31.21	11	19.45	8	623
Gujarat	12.07	4	16.08	6	1333
Andhra Pradesh	12.16	4	10.26	4	844
Jharkhand	7.93	3	8.23	3	1038
Telangana	5.31	2	5.30	2	998
Tamil Nadu	8.14	3	5.26	2	646
Others	29.14	10	21.70	9	851
Total Pulses	291.12		247.85		851

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **KHARIF PULSES** : Of about 136 Lha, 33% (46 Lha) is covered by Tur followed by Urd 28% (36 Lha); Mung - 27% (37 Lha) and other minor kharif pulses 12% (approx. 17 Lha)

Area & Prod. Contri. (94% for both): Rajasthan (29% & 21%), Maharashtra (15% & 19%), Karnataka (16% for both), Madhya Pradesh (14% & 12%), Uttar Pradesh (6% & 7%), Jharkhand & Gujarat (3% & 5% for each), Telangana & Odisha (3% for both), and Tamil Nadu (1% & 2%).

Ever highest area and production in kharif pulses was 148 Lha during 2018-19, 96 Lt. during 2016-17 and productivity of 668 kg/ha during 2017-18.

KHARIF PULSES

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Rajasthan	39.51	29	17.25	21	437
Maharashtra	20.95	15	15.50	19	740
Karnataka	21.28	16	13.22	16	621
Madhya Pradesh	19.33	14	9.46	12	489
Uttar Pradesh	8.62	6	5.85	7	679

State	Normal	Area	Normal	Prod.	Yield
Jharkhand	4.15	3	4.02	5	968
Gujarat	4.50	3	3.92	5	870
Telangana	3.62	3	2.78	3	768
Odisha	4.39	3	2.76	3	630
Tamil Nadu	1.88	1	1.61	2	856
Others	7.79	6	4.61	6	595
All India	136.02		80.97		595

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **RABI PULSES** : Of about 155 Lha, 65% (> 100 Lha) is covered by Gram followed by Lentil & Mung 9% each (14 Lha in both); Urd 6% (9 Lha) other minor rabi pulses 11% (approx. 16 Lha).

Area & Prod. Contri. (Approx. 90% for both): M.P (23% & 27%), Maharashtra (16% & 15%), Rajasthan (14% for both), Uttar Pradesh (10% & 12%), Gujarat (5% & 7%), Andhra Pradesh (6% & 5%), Karnataka (6% & 4%), Jharkhand (2% & 3%), Tamil Nadu (4% & 2%) and West Bengal (3% & 2%).

Ever highest area and production in rabi pulses was 168 Lha during 2022-23, 191 Lt. production with productivity of 1148 kg/ha during 2021-22.

RABI PULSES

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	35.05	23	45.36	27	1294
Maharashtra	24.67	16	25.29	15	1025
Rajasthan	21.19	14	23.11	14	1091
Uttar Pradesh	15.83	10	19.73	12	1247
Gujarat	7.57	5	12.17	7	1608
Andhra Pradesh	8.96	6	9.06	5	1011
Karnataka	9.93	6	6.23	4	627
Jharkhand	3.78	2	4.21	3	1114
Tamil Nadu	6.26	4	3.65	2	584
West Bengal	3.89	3	3.55	2	913
Others	17.97	11	14.51	9	1076
All India	155.10		166.87		1076

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **TUR/ARHAR** : Normal area of Tur is 45.55 Lha, producing 38.11 Lt with a productivity of 837 kg/ha. In total kharif pulses Tur alone is contributes about 33% in area and 47% in production.

Area & Prod. Contri. (98% for both): Maharashtra (27% & 29%), Karnataka (33% & 28%), Uttar Pradesh (6% & 8%), Gujarat (5% & 7%), Jharkhand & Madhya Pradesh (5% & 6% each), Telangana (6% for both), Odisha (3% & 4%), Andhra Pradesh (5% & 2%) and Tamil Nadu (1% for both).

Ever highest area was 53 Lha producing 49 Lt. during 2016-17 and productivity 967 kg/ha during 2017-18.

TUR/ARHAR (KHARIF)*(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)*

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Maharashtra	12.48	27	11.13	29	891
Karnataka	15.20	33	10.62	28	699
Uttar Pradesh	2.94	6	3.13	8	1065
Gujarat	2.41	5	2.76	7	1147
Jharkhand	2.27	5	2.47	6	1086
Madhya Pradesh	2.14	5	2.11	6	986
Telangana	2.92	6	2.31	6	790
Odisha	1.32	3	1.43	4	1081
Andhra Pradesh	2.43	5	0.79	2	323
Tamil Nadu	0.44	1	0.49	1	1102
Others	0.99	2	0.87	2	885
All India	45.55		38.11		837

Source: DES, GoI (Normal : Avg. of 2018-19 to 2022-23)*

- **GRAM** : Normal area of Gram is 100.91 Lha, producing 117.48 Lt with a productivity of 1164 kg/ha. In total rabi pulses Gram alone is contributes about 65% in area and 70% in production.

Area & Prod. Contri. (98% for both): Madhya Pradesh (22% & 27%), Maharashtra (23% & 21%), Rajasthan (21% & 19%), Gujarat (6% & 9%), Uttar Pradesh (6% & 7%), Karnataka (8% & 5%), Andhra Pradesh (4% for both), Jharkhand (2% for both), Chhattisgarh (3% & 2%) and Telangana (1% & 2%).

Ever highest area was 107 Lha, Production and productivity 135 Lt. with productivity 1261 kg/ha during 2021-22.

GRAM (RABI)*(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)*

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	22.47	22	31.93	27	1421
Maharashtra	23.27	23	24.62	21	1058
Rajasthan	20.82	21	22.51	19	1081
Gujarat	6.52	6	11.10	9	1702
Uttar Pradesh	6.18	6	8.11	7	1311
Karnataka	8.48	8	5.49	5	648
Andhra Pradesh	4.36	4	4.49	4	1031
Jharkhand	2.39	2	2.86	2	1198
Chhattisgarh	3.28	3	2.41	2	734
Telangana	1.37	1	2.11	2	1545
Others	1.77	2	1.84	2	1164
All India	100.91		117.48		1164

Source: DES, GoI (Normal : Avg. of 2018-19 to 2022-23)*

- **TOTAL MUNGBEAN (KHARIF + RABI):** Normal area of total mungbean is 51.13 Lha, producing 29.78 Lt with a productivity of 583 kg/ha. In total pulses Mungbean contributes 18% in area and 12% in production.

Area & Prod. contri. (Approx. 95% for both) : Rajasthan (48% & 40%), Madhya Pradesh (13% & 25%), Maharashtra (8% & 6%), Karnataka (9% & 5%), Bihar (3% & 4%), Gujarat (3% for both), Andhra Pradesh (2% & 3%), Odisha (5% & 3%), Tamil Nadu (3% & 2%) and Uttar Pradesh (2% for both).

The ever highest area, production was 56 Lha during 2021-22, 37 Lt. and ever highest productivity was 663 kg/ha during 2022-23.

TOTAL MUNGBEAN (KHARIF + RABI)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Rajasthan	24.48	48	12.04	40	492
Madhya Pradesh	6.72	13	7.45	25	1109
Maharashtra	3.89	8	1.83	6	470
Karnataka	4.35	9	1.62	5	372
Bihar	1.66	3	1.13	4	679
Gujarat	1.39	3	1.03	3	735
Andhra Pradesh	1.00	2	0.82	3	814
Odisha	2.42	5	0.79	3	327
Tamil Nadu	1.67	3	0.67	2	401
Uttar Pradesh	0.94	2	0.58	2	618
Others	2.60	5	1.84	6	708
All India	51.13		29.78		583

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **MUNGBEAN (KHARIF):** Normal area of kharif mungbean is 37.01 Lha, producing 17.61 Lt with a productivity of 476 kg/ha. In total kharif pulses mungbean is contributes 27% in area and 22% in production.

Area & Prod. contri. (98% for both) : Rajasthan (66% & 68%), Maharashtra (10% for both), Karnataka (11% & 9%), Gujarat (2% for both), Telangana (1% & 2%), Odisha and Madhya Pradesh (2% & 1%), Haryana, Jharkhand and Tamil Nadu (1% each for both).

The ever highest area was 38 Lha during 2021-22, production 20 Lt. during 2020-21 and productivity of 538 kg/ha during 2010-11.

MUNGBEAN (KHARIF)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Rajasthan	24.46	66	12.01	68	491
Maharashtra	3.83	10	1.82	10	473
Karnataka	4.21	11	1.57	9	374
Gujarat	0.85	2	0.42	2	490
Telangana	0.50	1	0.31	2	614
Odisha	0.84	2	0.26	1	308

State	Normal	Area	Normal	Prod.	Yield
Madhya Pradesh	0.66	2	0.25	1	376
Haryana	0.39	1	0.25	1	631
Jharkhand	0.24	1	0.19	1	794
Tamil Nadu	0.22	1	0.16	1	739
Others	0.80	2	0.38	2	476
All India	37.01		17.61		476

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **MUNGBEAN (RABI)** : Normal area of rabi mungbean is 14.12 Lha, producing 12.17 Lt with a productivity of 862 kg/ha. In total rabi pulses mungbean is contributes 9% in area and 7% in production.

Area & Prod. contri. (Approx. 97% for both) : Madhya Pradesh (43% & 59%), Bihar (11% & 9%), Andhra Pradesh (6% for both), Gujarat (4% & 5%), Odisha (11% & 4%), Tamil Nadu (10% & 4%), West Bengal (5% & 4%), Uttar Pradesh (4% & 3%), Punjab (2% for both) and Telangana (1% for both).

The ever highest area was 21 Lha, production 20 Lt. during 2022-23 and productivity of 987 kg/ha during 2021-22.

MUNGBEAN (RABI)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	6.06	43	7.20	59	1189
Bihar	1.59	11	1.08	9	681
Andhra Pradesh	0.89	6	0.77	6	865
Gujarat	0.55	4	0.61	5	1118
Odisha	1.57	11	0.53	4	338
Tamil Nadu	1.45	10	0.51	4	350
West Bengal	0.70	5	0.44	4	633
Uttar Pradesh	0.50	4	0.42	3	839
Punjab	0.23	2	0.25	2	1104
Telangana	0.09	1	0.09	1	955
Others	0.49	3	0.27	2	862
All India	14.12		12.17		862

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **TOTAL URDBEAN (KHARIF + RABI)**: Normal area of total urdbean 45.83 Lha, producing 25.56 Lt with a productivity of 558 kg/ha. In total pulses urdbean is contributes 16% in area and 10% in production.

Area & Prod. contri. (93% for both) : Madhya Pradesh (37% & 30%), Andhra Pradesh (8% & 15%), Uttar Pradesh (12% & 11%), Tamil Nadu (9% & 11%), Rajasthan (11% & 7%), Maharashtra (8% & 7%), Jharkhand & Gujarat (3% & 4% for each), WB (2% for both) and Telangana (1% & 2%).

Ever highest area was 56 Lha during 2018-19. Ever highest production 35 Lt. during 2017-18 and productivity of 662 kg/ha during 2017-18.

TOTAL URDBEAN (KHARIF + RABI)*(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)*

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	17.03	37	7.75	30	455
Andhra Pradesh	3.52	8	3.72	15	1057
Uttar Pradesh	5.71	12	2.92	11	512
Tamil Nadu	4.10	9	2.71	11	659
Rajasthan	4.82	11	1.90	7	394
Maharashtra	3.75	8	1.86	7	494
Jharkhand	1.27	3	1.11	4	874
Gujarat	1.25	3	0.90	4	720
West Bengal	0.73	2	0.51	2	692
Telangana	0.36	1	0.42	2	1161
Others	3.28	7	1.76	7	558
All India	45.83		25.56		558

Source: DES, GoI (Normal : Avg. of 2018-19 to 2022-23)*

- **URDBEAN (KHARIF):** Normal area of Kharif Urdbean 36.73 Lha, producing 17.66 Lt with a productivity of 481 kg/ha. In total kharif pulses urdbean is contributes 27% in area and 22% in production.

Area & Prod. contri. (Approx. 95% for both) : Madhya Pradesh (45% & 40%), Uttar Pradesh (14% for both), Maharashtra (10% & 11%), Rajasthan (13% & 11%), Jharkhand (3% & 6%), Gujarat (3% & 4%), West Bengal (2% & 3%), Karnataka (2% for both), Tamil Nadu (1% & 2%) and Chhattisgarh (2% & 1%).

Ever highest area was 47 Lha during 2018-19. Ever highest production 28 Lt. with productivity of 632 kg/ha during 2017-18.

URDBEAN (KHARIF)*(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)*

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	16.52	45	7.09	40	429
Uttar Pradesh	5.24	14	2.56	14	488
Maharashtra	3.71	10	1.94	11	522
Rajasthan	4.82	13	1.90	11	394
Jharkhand	1.27	3	1.11	6	874
Gujarat	1.09	3	0.67	4	620
West Bengal	0.67	2	0.45	3	669
Karnataka	0.75	2	0.38	2	510
Tamil Nadu	0.43	1	0.36	2	846
Chhattisgarh	0.75	2	0.26	1	353
Others	1.48	4	0.94	5	481
All India	36.73		17.66		481

Source: DES, GoI (Normal : Avg. of 2018-19 to 2022-23)*

- **URDBEAN (RABI):** Normal area of Rabi Urdbean is 9.10 Lha, producing 7.89 Lt with a productivity of 867 kg/ha. In total rabi pulses urdbean is contributes 6% in area and 5% in production.

Area & Prod. contri. (99% for both) : Andhra Pradesh (36% & 44%), Tamil Nadu (40% & 30%), Madhya Pradesh (6% & 8%). Assam (6% & 5%), Uttar Pradesh (5% for both), Telangana & Gujarat (2% & 3% each), West Bengal & Odisha (1% each for both).

Ever highest area was 10 Lha during 2021-22. Ever highest production 9 Lt. during 2021-22 and productivity of 995 kg/ha during 2022-23.

URDBEAN (RABI)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Andhra Pradesh	3.24	36	3.48	44	1075
Tamil Nadu	3.67	40	2.34	30	638
Madhya Pradesh	0.51	6	0.66	8	1297
Assam	0.57	6	0.37	5	644
Uttar Pradesh	0.47	5	0.37	5	784
Telangana	0.18	2	0.27	3	1528
Gujarat	0.16	2	0.23	3	1384
West Bengal	0.06	1	0.06	1	936
Odisha	0.11	1	0.04	1	375
Others	0.10	1	0.05	1	867
All India	9.10		7.89		867

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)

- **LENTIL** : Normal area of Lentil is 14.36 Lha, producing 13.30 Lt with a productivity of 926 kg/ha. In total rabi pulses Lentil contributes 9% in area and 8% in production

Area & Prod. contri. (98% for both) : Uttar Pradesh (34% & 36%), MP (35% for both), West Bengal (11% & 10%), Bihar (10% & 9%), Jharkhand (4% for both), Rajasthan (1% & 2%), Assam (2% & 1%) and Uttarakhand (1% for both).

The ever highest area was 16.37 Lha during 2022-23, production 16.22 Lt. during 2017-18 and productivity of 1047 kg/ha during 2017-18.

LENTIL (RABI)

(Area- Lakh ha, Production-Lakh Tonnes, Yield-kg/ha; Contribution- %)

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Uttar Pradesh	4.90	34	4.81	36	981
Madhya Pradesh	4.98	35	4.64	35	931
West Bengal	1.62	11	1.39	10	859
Bihar	1.39	10	1.24	9	891
Jharkhand	0.63	4	0.55	4	861
Rajasthan	0.19	1	0.25	2	1313
Assam	0.25	2	0.19	1	762
Uttarakhand	0.11	1	0.10	1	887
Others	0.30	2	0.16	2	533
All India	14.36		13.30		926

Source: DES, GoI (Normal* : Avg. of 2018-19 to 2022-23)
