

## STATE-WISE NATIONAL SCENARIO & PLAN-WISE PULSES TREND

### Season-wise Major Pulses Crops

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

### Crop-wise Pulses APY & Season-wise Share

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

Crops	Season	Normal Area*	Area contri. (Season-wise)	Normal Production*	Prod. contri. (Season-wise)	Yield
Tur	Kharif	47.17	34	41.37	48	877
Gram	Rabi	98.86	66	107.37	71	1086
Mung	Kharif	35.61	25	17.37	20	488
	Rabi	10.46	7	7.11	5	680
	<b>Total</b>	<b>46.07</b>	<b>16</b>	<b>24.48</b>	<b>10</b>	<b>531</b>
Urd	Kharif	38.94	28	20.25	23	520
	Rabi	9.13	6	7.14	5	782
	<b>Total</b>	<b>48.07</b>	<b>17</b>	<b>27.39</b>	<b>11</b>	<b>570</b>
Lentil	Rabi	14.29	10	13.34	9	934
Field pea	Rabi	7.45	5	9.10	6	1222
Other pulses	Kharif	18.47	13	8.05	9	436
	Rabi	10.00	7	7.12	5	712
	<b>Total</b>	<b>28.47</b>	<b>10</b>	<b>15.17</b>	<b>6</b>	<b>533</b>
Total Pulses	<b>Kharif</b>	<b>140.18</b>	<b>48</b>	<b>87.04</b>	<b>37</b>	<b>621</b>
	<b>Rabi</b>	<b>150.19</b>	<b>52</b>	<b>151.18</b>	<b>63</b>	<b>1007</b>
	<b>Total</b>	<b>290.37</b>		<b>238.22</b>		<b>820</b>

**Source:** DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

1. **TOTAL PULSES** : Normal Area about 290 Lha ha (Kharif- 140 Lha + Rabi-150 Lha). The seasonal percent share to kharif area is 48% remaining 52% area goes to rabi pulses.

- **Area & Prod. Contri. (> 92% for both):** M.P (21% & 25%), Rajasthan (20% & 16%), Maharashtra (15% for both), Karnataka (11% & 8%), Uttar Pradesh (8% & 10%), Andhra Pradesh (5% & 4%), Gujarat (3% & 4%) , Jharkhand (3% for both), Tamil Nadu , Chhattisgarh and Odisha (3% & 2%).

Ever highest area and production in Total Pulses was 310 Lha and 277 Lt. with productivity of 892 kg/ha during 2021-22 (4<sup>th</sup> Adv. Est.).

#### 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	60.74	21	59.70	25	983
Rajasthan	57.99	20	38.19	16	659
Maharashtra	42.58	15	35.71	15	839
Karnataka	31.17	11	19.37	8	621
Uttar Pradesh	23.62	8	23.43	10	992
Andhra Pradesh	13.29	5	10.30	4	775
Gujarat	9.62	3	10.58	4	1099
Tamil Nadu	8.17	3	5.22	2	639
Jharkhand	7.96	3	8.20	3	1030
Odisha	7.78	3	4.37	2	561
Others	27.45	9	23.15	10	844
<b>Total Pulses</b>	<b>290.37</b>		<b>238.22</b>		<b>820</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

2. **KHARIF PULSES** : Of about 140 Lha, 34% (48 Lha) is covered by Tur followed by Urd 28% (39 Lha); Mung 25% (36 Lha) and other minor kharif pulses 13% (approx. 18 Lha).

- **Area & Prod. Contri. (95% for both):** Rajasthan (28% & 20%), Madhya Pradesh (16% for both), Maharashtra (15% & 18%), Karnataka (14% & 15%), Uttar Pradesh ( 6% & 7%), gujrat (4% & 5%), Odisha (3% for both), Telangana (3% & 4%), Jharkhand (3% & 5%) and Andhra Pradesh (3% & 2%).

Ever highest area and production in kharif pulses was 15 Lha during 2018-19, 10 Lt. during 2016-17 and productivity of 668 kg/ha during 2017-18.

## KHARIF PULSE

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Rajasthan	38.89	28	17.71	20	455
Madhya Pradesh	22.32	16	13.60	16	609
Maharashtra	21.54	15	15.90	18	738
Karnataka	19.83	14	12.63	15	637
Uttar Pradesh	8.78	6	6.04	7	688
Gujarat	5.16	4	4.48	5	869
Odisha	4.39	3	2.69	3	613
Telangana	4.38	3	3.22	4	735
Jharkhand	4.31	3	4.09	5	949
Andhra Pradesh	3.65	3	1.53	2	418
Others	6.92	5	5.15	6	744
<b>All India</b>	<b>140.18</b>		<b>87.04</b>		<b>621</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

3. **RABI PULSES** : Of about 150 Lha, 66% (99 Lha) is covered by Gram followed by Lentil 10% (14 Lha); Mung 7% (10 Lha); Urd 6% (9 Lha) and other minor rabi pulses 11% (approx. 18 Lha).

**Area & Prod. Contri. (91% for both):** M.P (26% & 30%), Maharashtra (14% & 13%), Rajasthan (13% & 14%), Uttar Pradesh (10% & 12%), Karnataka (8% & 4%), Andhra Pradesh (each 6%), Tamil Nadu (4% & 2%), Chhattisgarh (4% & 3%), Gujarat (3% & 4%) Bihar (3% & 2%).

Ever highest area and production in rabi pulses was 168 Lha, 193 Lt. and productivity of 1149 kg/ha during 2021-22 (4<sup>th</sup> Adv. Est.).

## RABI PULSE

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	38.41	26	46.10	30	1200
Maharashtra	21.04	14	19.81	13	942
Rajasthan	19.10	13	20.48	14	1072
Uttar Pradesh	14.85	10	17.39	12	1171
Karnataka	11.34	8	6.74	4	594
Andhra Pradesh	9.63	6	8.77	6	911
Tamil Nadu	6.12	4	3.55	2	579
Chhattisgarh	5.76	4	4.27	3	741
Gujarat	4.46	3	6.09	4	1366
Bihar	4.25	3	3.64	2	855
Others	15.22	10	14.34	9	942
<b>All India</b>	<b>150.19</b>		<b>151.18</b>		<b>1007</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

4. **TUR/ARHAR** : Normal area of Tur is 47.17 Lha, producing 41.37 Lt with a productivity of 877 kg/ha.. In total kharif pulses Tur alone is contributes about 34% in area and 48% in production.

**Area & Prod. Contri. (96% for both):** Karnataka (29% & 24%), MH (27% & 28%), MP (9% & 11%), Telangana (7% & 6%), UP (6% & 7%), AP (6% & 2%), GJ (6% & 7%) and Jharkhand (5% & 6%) and Odisha (3% 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
Karnataka	13.52	29	9.97	24	737
Maharashtra	12.81	27	11.74	28	916
Madhya Pradesh	4.04	9	4.72	11	1170
Telangana	3.27	7	2.47	6	756
Uttar Pradesh	2.90	6	3.09	7	1063
Andhra Pradesh	2.71	6	1.00	2	370
Gujarat	2.65	6	3.08	7	1163
Jharkhand	2.25	5	2.39	6	1060
Odisha	1.35	3	1.37	3	1016
Others	1.67	4	1.54	4	925
<b>All India</b>	<b>47.17</b>		<b>41.37</b>		<b>877</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

5. **GRAM** : Normal area of Gram is 98.86 Lha, producing 107.37 Lt with a productivity of 1086 kg/ha.. In total Rabi pulses Gram alone is contributes about 66% in area and 71% in production.

**Area & Prod. Contri. (> 91% for both):** MP (28% & 34%), MH (20% & 18%), RJ (19% & 18%), KTK (10% & 6%), UP (6% & 7%), AP (5% & 4%), GJ (4% & 5%).

*Ever highest area was 109 Lha, Production and productivity 138 Lt. with productivity 1260 kg/ha during 2021-22 (4<sup>th</sup> Adv. Est.).*

#### GRAM (RABI)

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	28.00	28	36.16	34	1291
Maharashtra	19.80	20	19.17	18	968
Rajasthan	18.59	19	19.72	18	1061
Karnataka	9.95	10	6.14	6	617
Uttar Pradesh	5.73	6	7.09	7	1236
Andhra Pradesh	4.65	5	4.61	4	992
Gujarat	3.70	4	5.42	5	1464
Others	8.44	9	9.06	8	1074
<b>All India</b>	<b>98.86</b>		<b>107.37</b>		<b>1086</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

**6. TOTAL MUNGBEAN (KHARIF + RABI):** Normal area of total mungbean is 46.07 Lha, producing 24.48 Lt with a productivity of 531 kg/ha. In total pulses Mungbean contributes 16% in area and 10% in production.

**Area & Prod. contri. (94% for both) :** Rajasthan (46% & 45%), Maharashtra (9% & 8%), Madhya Pradesh (9% & 14%), Karnataka (9% & 6%), Odisha (5% & 4%), Bihar (4% & 5%), TN (4% & 3%), Gujarat (3% & 4%), AP (3% for both) and Telangana (2% for both).

*The ever highest area, production was 56 Lha, 32 Lt. during 2021-22 (4<sup>th</sup> Adv. Est.), and ever highest productivity was 601 kg/ha during 2020-21.*

#### 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	21.40	46	10.97	45	513
Maharashtra	4.29	9	1.96	8	457
Madhya Pradesh	4.18	9	3.46	14	828
Karnataka	4.15	9	1.43	6	346
Odisha	2.51	5	0.87	4	346
Bihar	1.70	4	1.13	5	666
Tamil Nadu	1.70	4	0.69	3	408
Gujarat	1.41	3	0.86	4	611
Andhra Pradesh	1.21	3	0.82	3	677
Telangana	0.92	2	0.59	2	644
Others	2.59	6	1.68	7	647
<b>All India</b>	<b>46.07</b>		<b>24.48</b>		<b>531</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

- **MUNGBEAN (KHARIF):** Normal area of kharif mungbean is 35.61 Lha, producing 17.37 Lt with a productivity of 488 kg/ha. In total Kharif pulses mungbean is contributes 25% in area and 20% in production.

**Area & Prod. contri. (94% for both) :** Rajasthan (60% & 63%), Maharashtra (12% & 11%), Karnataka (11% & 8%), Madhya Pradesh (4% for both), Gujarat (3% for both), Odisha (3% & 2%), Telangana (2% & 3%).

*The ever highest area was 38.43 Lha during 2021-22 (4<sup>th</sup> Adv. Est.), production 20 Lt. with productivity of 601 kg/ha during 2020-21.*

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Rajasthan	21.39	60	10.95	63	512
Maharashtra	4.29	12	1.96	11	457
Karnataka	4.04	11	1.40	8	347
Madhya Pradesh	1.32	4	0.69	4	521
Gujarat	1.05	3	0.52	3	492
Odisha	0.96	3	0.31	2	327
Telangana	0.83	2	0.51	3	615
Others	1.73	5	1.03	6	593
<b>All India</b>	<b>35.61</b>		<b>17.37</b>		<b>488</b>

*Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)*

- **MUNGBEAN (RABI)** : Normal area of rabi mungbean is 10.46 Lha, producing 7.11 Lt with a productivity of 680 kg/ha. In total Rabi pulses mungbean is contributes 7% in area and 5% in production.

**Area & Prod. contri. (96% for both)** : Madhya Pradesh (27% & 39%), Bihar (15% for both), Odisha (15% & 8%), TN (14% & 7%), AP (10% for both), WB (5% for both), UP & GJ (4% & 5%), Punjab (1% & 2%)

**The ever highest area was 13 Lha, production 11 Lt. and productivity of 833 kg/ha during 2020-21.**

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Madhya Pradesh	2.86	27	2.77	39	970
Bihar	1.62	15	1.08	15	665
Odisha	1.55	15	0.55	8	359
Tamil Nadu	1.44	14	0.51	7	353
Andhra Pradesh	1.03	10	0.74	10	717
West Bengal	0.56	5	0.33	5	590
Uttar Pradesh	0.44	4	0.36	5	814
Gujarat	0.37	4	0.35	5	947
Punjab	0.15	1	0.14	2	892
Others	0.44	4	0.28	4	632
<b>All India</b>	<b>10.46</b>		<b>7.11</b>		<b>680</b>

*Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)*

**7. TOTAL URDBEAN (KHARIF + RABI) :** Normal area of total urdbean 48.07 Lha, producing 27.39 Lt with a productivity of 570 kg/ha. In total pulses urdbean is contributes 17% in area and 11% in production.

**Area & Prod. contri. (95% for both) :** Madhya Pradesh (36% & 31%), Rajasthan & Uttar Pradesh (12% & 11% each), Tamil Nadu (9% & 10%), Andhra Pradesh (8% & 12%), Maharashtra (7% & 6%), Jharkhand (3% & 4%), Gujarat (3% for both), Karnataka & WB (2% for both) and Chhattisgarh (2% & 1%).

**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	17.23	36	8.61	31	500
Rajasthan	5.96	12	2.98	11	500
Uttar Pradesh	5.89	12	3.11	11	528
Tamil Nadu	4.21	9	2.78	10	662
Andhra Pradesh	3.83	8	3.41	12	889
Maharashtra	3.50	7	1.67	6	478
Jharkhand	1.38	3	1.21	4	876
Gujarat	1.32	3	0.88	3	667
Karnataka	0.93	2	0.48	2	514
Chhattisgarh	0.89	2	0.30	1	333
West Bengal	0.76	2	0.54	2	710
Others	2.17	5	1.42	5	656
<b>All India</b>	<b>48.07</b>		<b>27.39</b>		<b>570</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

- **URDBEAN (KHARIF) :** Normal area of Kharif Urdbean 38.94 Lha, producing 20.25 Lt with a productivity of 520 kg/ha. In total Kharif pulses urdbean is contributes 28% in area and 23% in production.

**Area & Prod. contri. (90% for both) :** Madhya Pradesh (43% & 40%), Rajasthan (15% for both), Uttar Pradesh (14% for both), Maharashtra (9% & 8%), Jharkhand (4% & 6%), Gujarat (3% & 4%), and Karnataka (2% for both).

**Ever highest area was 47 Lha during 2018-19. Ever highest production 28.00 Lt. during 2017-18 and productivity of 662 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	16.86	43	8.12	40	482
Rajasthan	5.96	15	2.98	15	500
Uttar Pradesh	5.42	14	2.78	14	513
Maharashtra	3.50	9	1.67	8	478
Jharkhand	1.38	4	1.21	6	876
Gujarat	1.23	3	0.77	4	627
Karnataka	0.89	2	0.46	2	515
Others	3.71	10	2.27	11	612
<b>All India</b>	<b>38.94</b>		<b>20.25</b>		<b>520</b>

*Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)*

- **URDBEAN (RABI):** Normal area of Rabi Urdbean is 9.13 Lha, producing 7.14 Lt with a productivity of 782 kg/ha. In total Rabi pulses urdbean is contributes 6% in area and 5% in production.

**Area & Prod. contri. (> 93% for both) :** TN (40% & 33%), AP (38% & 44%), Assam (6% & 5%), UP (5% each), MP (4% & 7%).

**Ever highest area was 10 Lha during 2016-17. Ever highest production 7.52 Lt. during 2019-20 and productivity of 662 kg/ha during 2017-18.**

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Tamil Nadu	3.68	40	2.35	33	637
Andhra Pradesh	3.48	38	3.12	44	896
Assam	0.59	6	0.38	5	648
Uttar Pradesh	0.47	5	0.33	5	707
Madhya Pradesh	0.37	4	0.49	7	1320
Others	0.54	6	0.47	7	870
<b>All India</b>	<b>9.13</b>		<b>7.14</b>		<b>782</b>

*Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)*



8. **LENTIL** : Normal area of Lentil is 14.29 Lha, producing 13.34 Lt with a productivity of 934 kg/ha. In total Lentil contributes 10% in area and 9% in production.

**Area & Prod. contri. (> 93% for both)** : MP (35% for both), UP (33% & 34%), WB & Bihar (10% for both each), Jharkhand (5% & 4%), Rajasthan (2% & 3%) and Assam (2% & 1%).

The ever highest area was 15 Lha during 2020-21, production 16 Lt. 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
Madhya Pradesh	4.93	35	4.73	35	959
Uttar Pradesh	4.77	33	4.58	34	961
West Bengal	1.48	10	1.33	10	894
Bihar	1.42	10	1.31	10	923
Jharkhand	0.65	5	0.57	4	874
Rajasthan	0.33	2	0.37	3	1115
Assam	0.25	2	0.18	1	727
Others	0.45	3	0.27	2	605
<b>All India</b>	<b>14.29</b>		<b>13.34</b>		<b>934</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

9. **FIELDPEA** : Normal area of Lentil is 7.45 Lha, producing 9.10 Lt with a productivity of 1222 kg/ha. In total Lentil contributes 5% in area and 6% in production

**Area & Prod. contri. (> 92% for both)** : UP (46% & 55%), MP (26% & 19%), JH (8% for both), Assam (4% & 3%), OD (3% & 2%), MN, WB & Bihar (2% for both)

The ever highest area and production was 11 Lha and 10 Lt. for both during 2016-17 and productivity of 986 kg/ha during 2020-21.

#### FIELDPEA (RABI)

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

State	Normal Area*	Area contri.	Normal Prod.*	Prod. contri.	Yield
Uttar Pradesh	3.43	46	5.03	55	1467
Madhya Pradesh	1.97	26	1.73	19	879
Jharkhand	0.56	8	0.69	8	1219
Assam	0.29	4	0.27	3	926
Odisha	0.19	3	0.15	2	758
Manipur	0.18	2	0.17	2	934
West Bengal	0.17	2	0.19	2	1099
Bihar	0.17	2	0.18	2	1034
Others	0.48	6	0.70	8	1469
<b>All India</b>	<b>7.45</b>		<b>9.10</b>		<b>1222</b>

Source: DES, GoI (Normal\* : Avg. of 2016-17 to 2020-21)

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