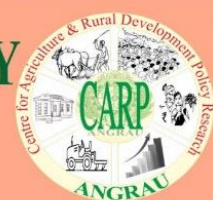


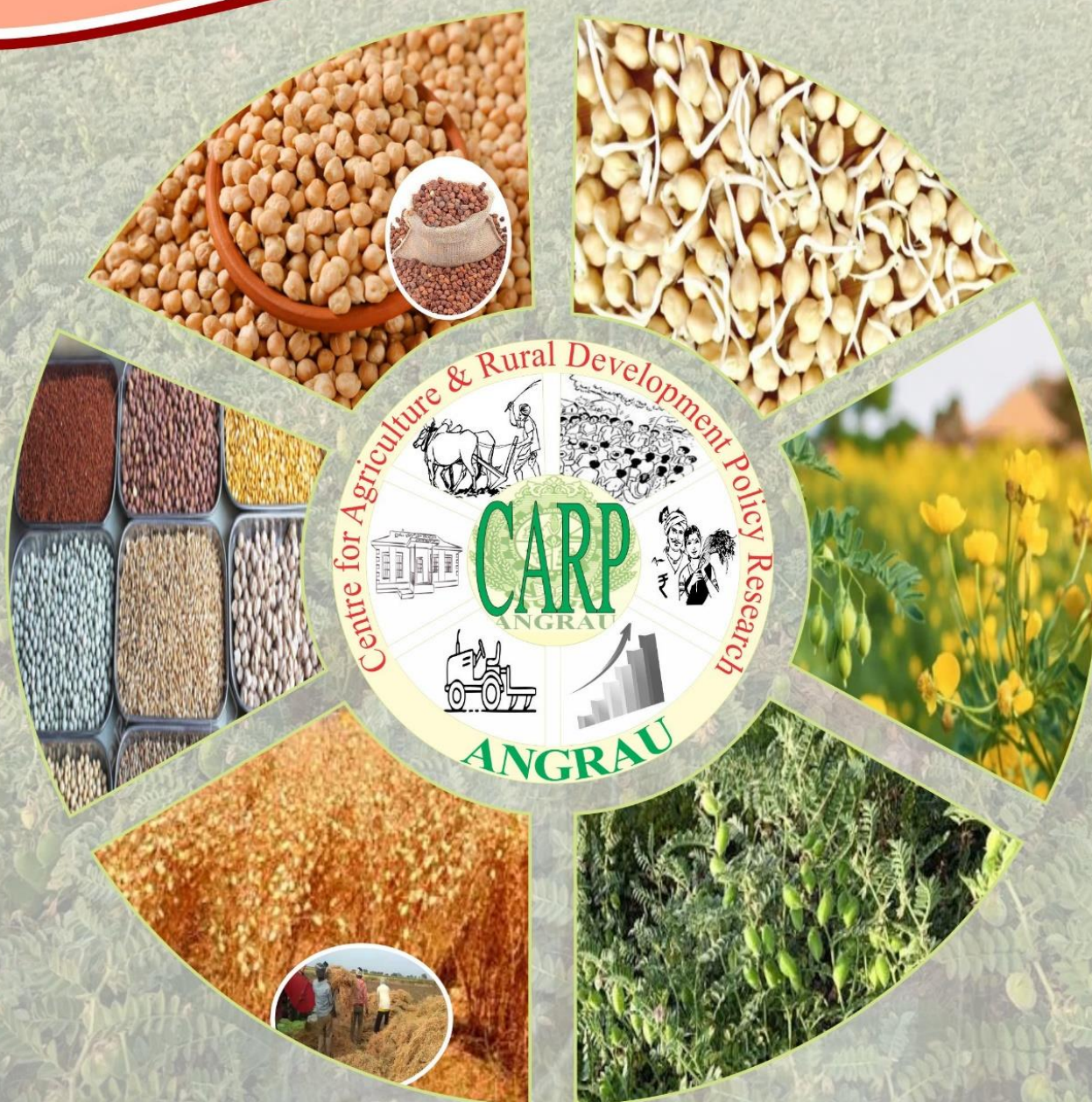


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Crop Outlook Reports of Andhra Pradesh Bengalgram- 2025-26



Compiled and Edited

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In Nutshell.....

- Global Bengalgram production was at 161.76 lakh tonnes (Lt) in 2024–25. India's share was 65.40 per cent.
- In India, Bengalgram accounts for 45 per cent in total pulses production.
- During 2025-26, among the major producing states, Maharashtra was the leading producer, with 33.24 Lt of production (26.56%), followed by Rajasthan (19.60%) and Madhya Pradesh (16.14%).
- In Andhra Pradesh, it accounts for 30 per cent of the total pulse cropped area.
- During 2025–26, YSR district recorded the highest area with 89.90 Thousand hectares (Tha), followed by Nandyal (68.82 Tha), Kurnool (64.51 Tha) and Ananthapuram (64.01 Tha). Bapatla recorded the highest yield at 19.98 q/ha, which is above the state average (14.98q/ha), while Ananthapuram recorded the lowest yield (7.58 q/ha).
- In varietal composition, non -ANGRAU varieties dominates (99%). Among the ANGRAU varieties, NBeG-776 has largest area with 264 hectares (ha).
- During 2025–26, the Gross value addition (GVA) by Bengalgram to the state was ₹4,189 crore, while, GVA by NBeG-776 was ₹ 195 (4.66%).
- Growth- instability matrix demonstrated that, between 2020-21 to 2025-26, majority of area comes under the *vulnerable zone* (97%) and *stagnation scenario* (2%).
- Cost of cultivation (₹/ha) for Rabi' 2025-26 was ₹74,741; the gross returns were ₹87,120 with BC ratio was 1.67 on variable cost and 1.16 on total cost.
- During 2025-26, highest seasonal index of arrivals was 477.05 in October, indicating peak market arrivals, while for prices the highest was June (105.17) and the lowest was in December (88.18).
- Agricultural Market Intelligence Centre (AMIC), ANGRAU forecasts the price (₹/q) range of ₹4,880 to ₹6,270 for kharif' 2026 marketing season.

World Scenario:

Bengal gram, also known as chickpea or gram, is legume from the Fabaceae family. It is primarily believed to have originated in the Eastern Mediterranean, although its likely place of origin is Southwestern Asia.

Table 1. World Production of Bengalgram 2024-25

Country	Production	Share (%)
India	110.38	65.40
Australia	22.67	13.43
Turkey	5.75	3.41
Ethiopia	4.43	2.63
Myanmar	4.19	2.48
Russia	4.14	2.45
Canada	2.86	1.70
Mexico	2.66	1.58
United States	2.55	1.51
Pakistan	2.09	1.24
Total	161.76	

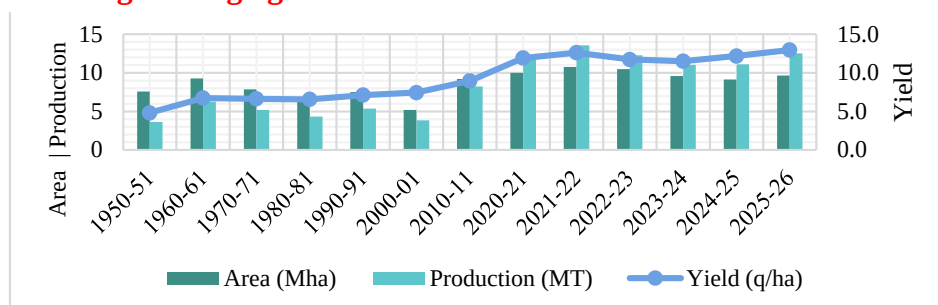
Source: Food & Agricultural Organisation (FAO)

Global Bengalgram production was at 161.76 lakh tonnes in 2024–25 (Table 1). India with 110.38 lakh tonnes (Lt) of production had dominant share (65.40%), followed by (13.43%), Turkey (3.41%), Ethiopia (2.63%), Myanmar (2.48%) and Russia (2.45%).

Indian Scenario:

Bengalgram accounts for 46 per cent of the total pulse production. Between 1950–51 to 2025–26, production increased from 3.63 Mt to 12.51 Mt, area increased from 7.57 Mha to 9.66 Mha, yield increased from 4.82 to 12.95 q/ha (Fig.1). Growth in production (243%) was led by yield's growth (169%) than area expansion (28%). This indicates that yield enhancement remains a critical challenge for sustaining future production.

Fig.1. Bengalgram Production Statistics in India



Source: MoA&FW, GOI

**Table 2. Major Bengalgram Producing States during 2025-26
(Area - Lha, Production - Lt, Yield - q/ha)**

State	Area	Share (%) in India	Production	Share (%) in India	Yield
Maharashtra	29.06	30.08	33.24	26.56	11.44
Rajasthan	20.41	21.13	24.53	19.60	12.02
Madhya Pradesh	12.39	12.83	20.2	16.14	16.30
Gujarat	9.19	9.51	17.11	13.67	18.61
Uttar Pradesh	6.9	7.14	9.44	7.54	13.68
Karnataka	6.29	6.51	3.96	3.16	6.29
Andhra Pradesh	4.11	4.25	7.13	5.70	17.36
Jharkhand	2.69	2.78	3.19	2.55	11.86
Chhattisgarh	2.5	2.59	2.46	1.97	9.86
Telangana	0.85	0.88	1.5	1.20	17.69
All India	96.60	100	125.14	100.00	12.95

Source: UPAG (3rd advance estimates)

Note: States have been arranged in descending order of percentage share of area

During 2025–26, the production was estimated at 125.14 Lt from an area of 96.60 Lha, with an average yield of 12.95 q/ha. Maharashtra was the leading producer with 33.24 Lt (26.56%) followed by Rajasthan (19.60%) and Madhya Pradesh (16.14%) (Table 2). In terms of area, Maharashtra occupied the largest share (30.08%), followed by Rajasthan (21.13%) and Madhya Pradesh (12.83%). Gujarat recorded the highest yield with 18.61 q/ha, followed by Andhra Pradesh (17.36 q/ha) and Telangana (17.69 q/ha) these are substantially above the national average of 12.95 q/ha. In contrast, Karnataka recorded the lowest yield at 6.29 q/ha. Overall, Maharashtra, Rajasthan and Madhya Pradesh dominated Bengalgram production by virtue of their larger cultivated area, while Gujarat, Telangana and Andhra Pradesh exhibited relatively higher yield.

Table 3. Balance sheet of Bengalgram for India

Particulars Lakh tons (Lt)	2024-25	2025-26*
Opening stocks	11.83	7.75
Production	88.32	93.81
Imports	9.5	8.5
Total supply	109.65	110.06
Export	1.90	1.90
Domestic consumption	100	100.45
Total Demand	101.9	102.35
Ending Stock	7.75	7.71
Stock Use Ratio (%)	7.60	7.53

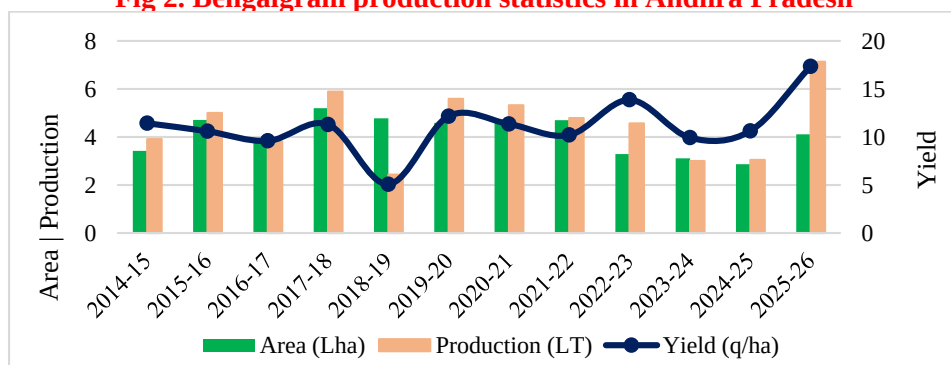
Source: Agriwatch.com, * estimates

The balance sheet indicates that domestic production of Bengalgram is projected to rise from 88.32 Lt in 2024–25 to 93.81 Lt in 2025–26 (Table 3). The higher domestic output is expected to reduce imports from 9.50 Lt to 8.50 Lt. Despite starting 2025–26 with a lower carry-over opening stock (7.75 Lt vs. 11.83 Lt), the boost in production compensates for the difference, maintaining total supply nearly 110 Lt. Total demand is projected to increase moderately to 102.35 Lt, resulting in an ending stock of 7.71 Lt. The Stock--Use Ratio remains stable at about 7.5 per cent, suggesting that the projected increase in domestic production is adequate to meet the rise in demand while maintaining a relatively stable market balance.

Andhra Pradesh Scenario:

In Andhra Pradesh, Bengalgram majorly growing in rabi season. It accounts for 30 per cent of the total pulse cropped area. During 2014-15 to 2025-26, area recorded a negative growth rate -2.23 per cent, production had a growth rate at 0.43 percent, but yield is at 2.80 per cent (Fig 2). This reveals that growth in production was led by growth in yield.

Fig 2. Bengalgram production statistics in Andhra Pradesh



Source: DES.AP

In Andhra Pradesh during 2025–26, the area is 400 thousand hectares (Tha), producing 599 thousand tonnes (Tt) with an average yield of 14.98 q/ha. Among the major producing districts, YSR district recorded the highest area (89.90 Tha), followed by Nandyal (68.82 Tha), Kurnool (64.51 Tha) and Ananthapuram (64.01 Tha). In terms of production, YSR is the leading district with 97.09 Tt, followed by Kurnool (72.90 Tt), Bapatla (68.47 Tt) and Nandyal (65.17 Tt). Bapatla recorded the highest yield at 19.98 q/ha, which is above the state average (14.98q/ha), while Ananthapuram recorded the lowest yield at 7.58 q/ha. Overall, YSR, Nandyal, Kurnool and Ananthapuram accounted for a major share of the cultivated area, whereas Bapatla exhibited the highest yield.

Table 4: Major Bengalgram producing Districts during 2025-26
(Area – 000' ha, Production- 000' tons, Yield - q/ha)

	Area @	Production*	Yield#
YSR	89.9	97.09	10.80
Nandyal	68.82	65.17	9.47
Kurnool	64.51	72.90	11.30
Ananthapuram	64.01	48.52	7.58
Bapatla	34.27	68.47	19.98
Prakasam	31.22	41.15	13.18
Andhra Pradesh	400	599.20	14.98

Source: DES, A.P. @3rd advance estimates; * Estimated by CARP; # yield averages TE 2024-25

Note: Districts have been arranged in descending order based on area.

During the 2025–26 season, non-ANGRAU varieties had dominating (99.63%) share in varietal composition (Table 5). ANGRAU varieties accounted for 953 hectares (0.37%). Among the ANGRAU varieties, NBeG-776 covered the largest area with 264 hectares (ha), contributing 28% to the total ANGRAU share and 0.10% overall.

Table 5. Bengalgram varieties during 2025-26

Variety	Area (Ha)	% to total ANGRAU	% to total Bengalgram
NBeG-776	264	28	0.10
NBeG-452	169	18	0.07
NBeG-119	124	13	0.05
NBeG-3	91	10	0.04
NBeG-810	89	9	0.03
Other ANGRAU	217	23	0.08
Total ANGRAU	953	100	0.37
Non- ANGRAU	2,54,749		99.63
Total	2,55,702		100

In Andhra Pradesh, during 2022–23 to 2025–26, the overall GVA of Bengalgram was ₹10,041 crores over the four-years, the NBeG-776 variety contributing ₹576 crores, (5.74%) (Table 6). The GVA increasing from ₹118 crores to ₹195 crores, its highest relative contribution was (9.98%) in 2024–25.

Table 6. Gross value addition (GVA) of Bengalgram in Andhra Pradesh (₹crores)

Year	Bengalgram	NBeG-776	Share (%)
2022-23	2,497	118	4.73
2023-24	1,632	92	5.64
2024-25	1,723	172	9.98
2025-26	4,189	195	4.66
Total	10041	576	5.74

Source: CARP estimates

During 2020–21 to 2025–26, Growth–Instability Matrix (GIM) (refer paddy Outlook Report- June to May 2025-26) analysis revealed that NTR with 2 per cent area comes under *stagnation scenario* (Table 7). While, Kakinada, East Godavari, Guntur, Bapatla, Palnadu, Prakasam, S.P.S. Nellore, Kurnool, Nandyal, Ananthapuram, Sri Sathyasai, Y.S.R. Kadapa with 97 percent area is under *vulnerable category*. The findings emphasize the need for differentiated, region-specific policy interventions rather than uniform developmental strategies across the state.

Table 7: Categorisation of districts based on growth and instability of area during 2020-21 to 2025-26

		CGR	
		< 4% (Low)	> 4% (High)
CV	< 20% (Low)	N.T.R (2%)	-
	> 20% (High)	Kakinada, East Godavari Guntur, Bapatla, Palnadu Prakasam, S.P.S. Nellore Kurnool, Nandyal, Ananthapuram, Sri Sathyasai, Y.S.R. Kadapa (97%)	-

Note: Values in parentheses represent percentage of in state total area, 2025-26

Primary data from farmers was collected for estimation of costs and returns (₹/ha) in Bengalgram cultivation. During Rabi' 2025-26 the total cost of cultivation (Cost C2) was ₹74,741 (Table 8). The Variable Cost (VC) amounted to ₹52,023 (69.60%) while Fixed Costs (FC) were ₹22,718 (30.39%). Out of Total VC, labour cost constituted the major share at ₹24,916 (47.89%) followed by material cost of ₹21,903 (42%). The average yield was

15 q/ha, with a market price (₹/q) of 5,808 resulting in gross returns of ₹87,120. the benefit-cost ratio was 1.67 on VC and 1.16 on TC, indicating that it is a sustainable agricultural enterprise in Andhra Pradesh.

Table 8: Cost-return structure of Bengalgram in Andhra Pradesh 2025-26 (₹/ha)

S.No	Particulars	Value (₹)
		Rabi
1	Labour cost	24,916
2	Material cost	21,903
	Miscellaneous	5,204
3	Variable cost (VC)	52,023
4	Fixed Costs (FC)	22,718
5	Total Cost (Cost C2)	74,741
6	Yield (q/ha)	15
7	Price (₹/q)	5,808
9	Gross Returns (GR)	87,120
10	Net Returns (NR)	12,379
11	BCR on VC	1.67
12	BCR on TC	1.16

Source: Survey Data (2025-26)

Price outlook:

The seasonal indices indicate a highly concentrated arrival pattern for Bengalgram in Andhra Pradesh during 2025–26. Arrivals were negligible during June–August, increased sharply from September, and reached the highest seasonal index of 477.05 in October, indicating peak market arrivals (Table 9). Thereafter, arrivals declined substantially, although February recorded a secondary rise with an index of 119.06. In contrast, price fluctuations were relatively moderate. Prices remained above the annual average during most of the early and peak-arrival months, while the lowest seasonal price index was observed in December (88.18). The annual average price was ₹5,317 per quintal, compared with an average arrival of 1,172 tons.

Table 9: Seasonal Indices of Bengalgram in Andhra Pradesh (2025-26)

Months	Arrivals		Price	
	Tons	Seasonal Index	₹/q	Seasonal Index
Jun-25	33	2.77	5,592	105.17
Jul-25	13	1.09	5,393	101.43
Aug-25	5	0.39	5,486	103.18
Sep-25	3106	264.95	5,423	102.00
Oct-25	5592	477.05	5,577	104.90
Nov-25	1827	155.85	5,496	103.37
Dec-25	749	63.91	4,688	88.18
Jan-26	399	34.02	5,390	101.38
Feb-26	1396	119.06	5,246	98.67
Mar-26	629	53.66	5,157	97.00
Apr-26	253	21.56	5,145	96.77
May-26	67	5.68	5,208	97.96
Yearly Average	1172	100.00	5,317	100.00

Source: Agmark net

As per the estimates given by Agricultural Market Intelligence Centre (AMIC), ANGRAU, for marketing season of Kharif '2026, the forecast prices (₹/q) are ₹4,880 to ₹6,270. While, Minimum Support Price (MSP) was ₹5,875.
