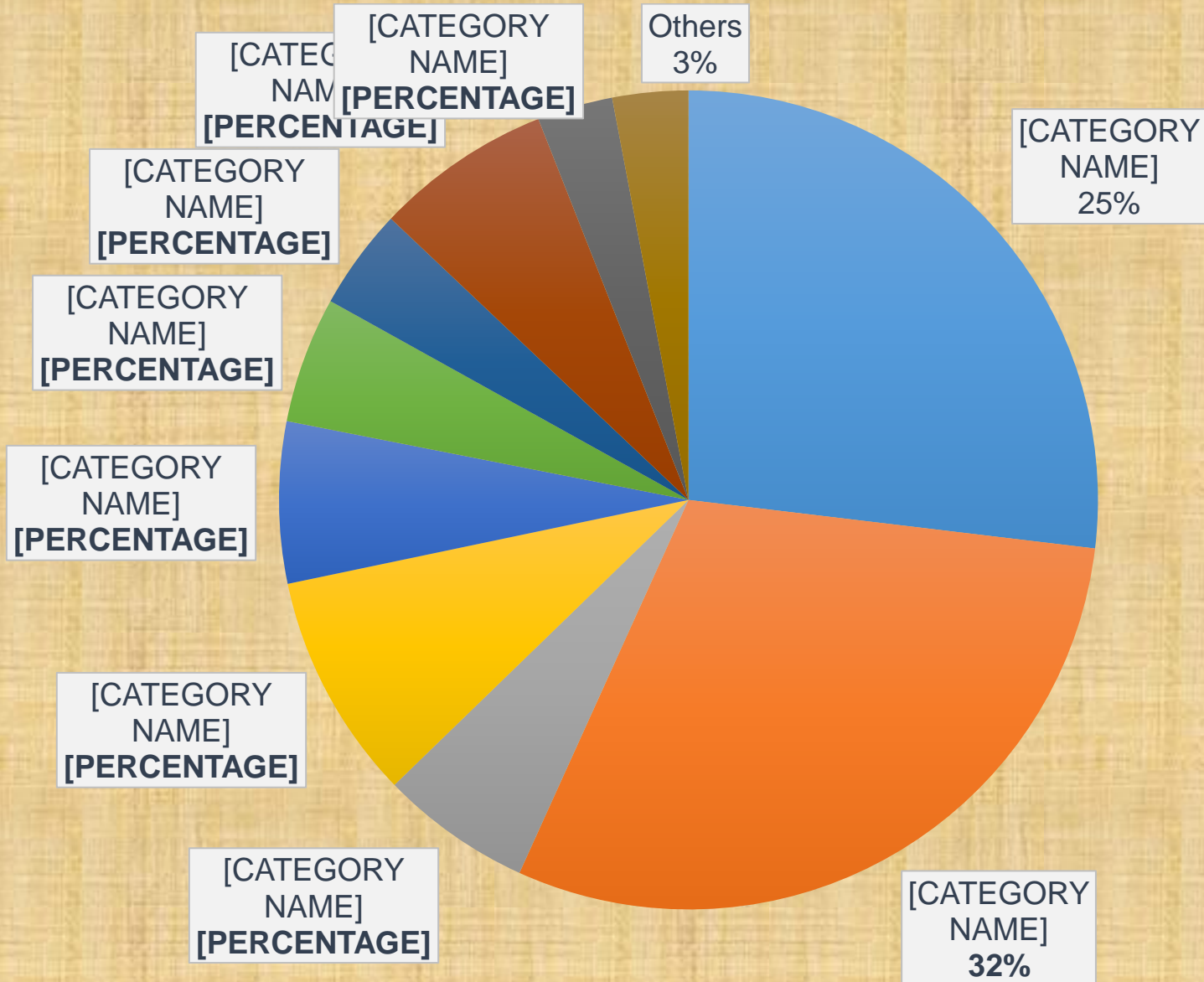


# Pigeon Peas at a glance

January 2024

# Production of Pigeon Peas in India



## Major Contributing states:

- Maharashtra
- Karnataka
- Gujarat

States	Change Y-o-Y	
	FY22-23	FY23-24
Karnataka	28%	25%
Maharashtra	32%	32%
Madhya Pradesh	7%	6%
Gujarat	9%	9%
Telangana	7%	6%
Andhra Pradesh	5%	5%
Jharkhand	4%	4%
Uttar Pradesh	2%	7%
Odisha	3%	3%
Others	3%	3%

# Pigeon Peas Stock Position

Source	Location	(LMT)
Domestic	Maharashtra	0.35
	Karnataka	0.25
	Others	0.10
	Govt. **	0.70
<b>Total</b>		<b>1.40</b>

Year	Carry Over Stock (LMT)
2019-20	14
2020-21	9
2021-22	8
2022-23	5
2023-24 (E)	1.4

- \*\* Govt. stocks in states of Chennai (0.15 LMT), Mumbai (0.12 LMT), Maharashtra / Gujarat Mandi

# Key states crop scenario

## Karnataka

- In Bijapur & Gulbarga crop looks good
- Yadgiri & Raichur crop looks down
- Overall yield is 15% less compared to last year

## Maharashtra

- Crop is about 15-20 days delayed
- Yield is same as last year
- Overall crop is in very good condition – 100% crop

## Gujarat

- Crop is about 15 days late
- Junagadh & Saurashtra crop is very good
- In and around Ahmedabad excess rain caused damage to the crop
- Area is down by 11%
- Overall yield is down marginally

## MP

- Area is down in Piparia & Itarsi – shifted to rice
- Yield is good because of perfect weather
- Overall crop estimate is 60%
- Arrival in Feb'24

## AP

- Crop is 90% of normal crop
- Crop looks good

# New Crop Arrival report

Arrival start date	Karnataka	Maharashtra	Gujarat
	1st week Dec'23	23rd Dec'23	20th Dec'23
Qty Harvested so far in %	85%	30%	20%
Quantity marketed in %	35%	15-20%	5-6%
Present Arrival(Mts)	5000	4000	500
Peak arrival Period	5-20th Jan'24	15 Jan -10 Feb'24	20 Jan -5 Feb'24
Price on 10th Jan'23 (Rs/Kg)	95-96	94-95	96

# Production estimates

Expected production this year		
Cluster	State	Estimated Production %
Major states	Maharashtra	100%
	Karnataka	70% - 75%
	Gujarat	90%
Minor states	Madhya Pradesh	60%
	Andhra Pradesh	90%
Overall Average		<b>85% - 87%</b>

Area, Production, Yield expected this year		
Particulars	FY 2022-23	FY 2023-24
Area (Lac ha)	46.06	43.87
Production (MT)	36.60	32.40
<b>Actual Prod. (MT)</b> (as per trade)	<b>28 – 30</b>	<b>28 – 29</b>
Yield ** (kg/ha)	760	Awaited ?

Yield Is decreasing y-o-y

FY 20-21: 941 ( Kgs/Ha)

FY 21-22: 861 ( Kgs/Ha)

FY 22-23: 760 ( Kgs/Ha)

FY 23-24:??

**Overall, Pigeon peas crop is estimated to be 28 – 29 LMT**

# Supply & Demand trend in India

Attribute (In MMT)	2019-20	2020-21	2021-22	2022-23	2023-24 (E)
<b>Beginning Stocks</b>	1.4	0.9	0.8	0.5	0.15
<b>India Production</b>	4.3	3.9	3.6	3.15	2.8
<b><u>Imports</u></b>					
<b>Myanmar</b>	0.1	0.2	0.2	0.3	0.3
<b>Africa</b>	0.2	0.6	0.6	0.7	0.5
<b>Total Supply</b>	6.0	5.6	5.2	4.8	3.8
<b>Consumption</b>	5.1	4.8	4.7	4.5	4.0
<b>Exports</b>	0	0	0	0	0
<b>Ending Stocks</b>	0.9	0.8	0.5	0.15	-0.20

- Low carry over stocks in India

# Problems with Pigeon Peas

1. Grown in rain-fed conditions
2. Duration of Toor crop is 130-180 days
  - Erratic weather affects the crop badly
  - Good Fodder for stray animals, damaging the standing crop
3. Production of Cereals 3 – 4 Mts/Ha, whereas Toor – 1 Mts/Ha
4. Limited mechanization, low adoption to Modern farming Practices
5. Wide price fluctuations
6. Inadequate disease and pest management and low access to quality seeds



# Present Problems

1. Inaccurate crop forecast by Govt leads to inaccurate policies . Variation is from 10%-15%( Chana/Wheat/Toor)
2. Reactive measures / Knee jerk reactions, instead of long terms stable policies.
3. We have seen **Green revolution** and **White revolution**, **time for Yellow Revolution**
  - More funds to be allocated for Breeder seed development – Pulses/Toor
  - Duration of Toor crop to be reduced to < 120 days / Drought and Excessive moisture resistant.
  - Better seed distribution mechanism from authorized sources.
  - Incentive for IOT devices for micro level management.
4. Adequate crop insurance- as 6 months – Prone to adversity
5. Need to have hedging mechanism
6. New Import Origins - IPGA in talks with **Brazil, Argentina and Australia** – they want Certainty of exports( Stable and Long term Policy)

# Price outlook

1. Recently farmers have seen Rs. 125/- kg, when the price goes to less Rs. 90, mandi arrivals will reduce
2. We will see a V shaped price recovery
3. Karnataka/Gujarat – Rs. 89-91 and Maharashtra Rs. 88-89/-

## **Buyers Dilemma :**

1. Last year lowest price- Rs. 72-74; this year expected Rs. 90/- and above.
2. Look at horizon for 3 months and then Monsoon will decide the direction

## **Other Factors:**

1. Govt buying Open Mkt + Bonus
2. Distribution of Bharat Toor dal.
3. Yellow Peas Import date extension post 31<sup>st</sup> March'24

# Estimated Price trend 23-24

## Lowest Price Point

Dec'22	Lowest Price(E)
73 – 74	87 – 88



All prices: Rs. per kg

Thank you