

# Success Stories of Front-Line Demonstrations of *Kharif 2025*

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**All India Coordinated Research Project on Groundnut**  
**ICAR-Indian Institute of Groundnut Research,**  
At & Post: Ivnagar Road, Junagadh 362 015, Gujarat, India  
(An ISO 9001 : 2015 Certified Institute)





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Groundnut is a vital oilseed crop in India, ranking third in area and production after soybean and mustard. As per the latest data, groundnut is cultivated on around 5.5 million hectares, with an estimated production of 8.2 million tonnes during 2024–25. However, the average national yield remains about 1,570 kg/ha, significantly lower compared to 4,600 kg/ha in the USA and 3,800 kg/ha in China. The global average yield is around 1,750 kg/ha. The low productivity in India is mainly due to cultivation on marginal and rainfed lands (over 80% area), continued use of local varieties, poor crop management, sub-optimal use of fertilizers and organic manures, and recurring biotic stresses (pests and diseases).

Over the past few decades, extensive research has led to the development of improved production and protection technologies for groundnut. However, their field-level adoption remains limited and uneven. Encouragingly, many progressive farmers across the country have successfully adopted these modern technologies, achieving yields equal to or even surpassing those in developed countries. These innovative farmers are leveraging advancements developed through research and development (R&D), particularly those facilitated by ICAR-DGR and other agricultural institutions. Yet, there is a growing need to systematically document these success stories so that fellow farmers can replicate such models and boost groundnut productivity. To this end, top-performing groundnut farmers from across various agro-climatic zones were identified and interviewed. Experts recorded their practices, including soil health management, rotation with other crops, input use, and overall farm strategies. Soil samples were also collected from these fields for lab analysis to understand the correlation between soil quality and yield performance.

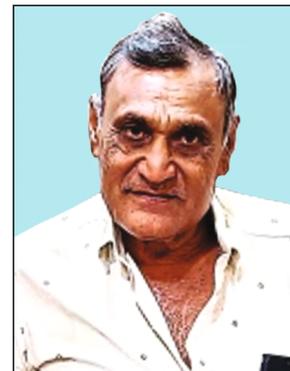
These farmer profiles, along with their agronomic practices and contact details, are shared in this bulletin for reference and knowledge-sharing. We hope this effort inspires wider adoption of best practices and contributes meaningfully to enhancing groundnut production in India.

Authors



## ► Farmer's General Information:

- **Name:** Shekhda Savjibhai Premjibhai
- **Village:** Vasapda
- **Taluka:** Mendarda
- **District:** Junagadh
- **State:** Gujarat
- **Education:** 5<sup>th</sup> class
- **Pin code:** 362001
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## ► Package of practices being followed:

Total land area	3.0 ha
Soil type	Medium black
Variety	GJG-32
Crop rotation	Groundnut -Wheat
Sowing date	23-06-2024
Seed rate (kg/ha)	125
Spacing (cm)	30 x 10
Fertilizer or micronutrients used (NPK kg/ha)	12.5-25-50
Integrated Diseases Management	1. Seed Treatment with 3g. Mancozeb /1 kg. Seed. 2. For Rust & Tikka - Hexaconazole @ 20 ml./10 lit. water
Integrated Pest Management	<b>Sucking pest:</b> Seed treatment with Imidachloprid 600 FS 3g/kg seed and /or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml/10 lit. of water) <b>Leaf miner:</b> Spraying of Dichlorvos 0.08% (5 ml/10 lit. of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	3210 kg/ha The adoption of new improved practices increased yield 28.92% gain over conventional methods and boosting 26.11% productivity of state average yield.
Harvesting methods	By Thresher
Cropping sequences	<i>Kharif</i> groundnut - <i>Rabi</i> wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Kachhadiya Vipulbhai Parshotambhai
- **Village:** Vadal
- **Taluka:** Junagadh
- **District:** Junagadh
- **State:** Gujarat
- **Education:** Graduate
- **Pin code:** 362001
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## ► Package of practices being followed:

Total land area	3.0 ha
Soil type	Medium black
Variety	GJG-32
Crop rotation	Groundnut -Wheat
Sowing date	19-06-2024
Seed rate (kg/ha)	125
Spacing (cm)	30 x 10
Fertilizer or micronutrients used (NPK kg/ha)	12.5-25-50
Integrated Diseases Management	1. Seed Treatment with 3 g. Mancozeb /1 kg. Seed. 2. For Rust & Tikka -Hexaconazole @ 20 ml./10 lit. water
Integrated Pest Management	<b>Sucking pest:</b> Seed treatment with Imidachloprid 600 FS 3g./kg seed and or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml./10 lit. of water) <b>Leaf miner:</b> Spraying of Dichlorvos 0.08% (5 ml/10 lit of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	3320 kg/ha The adoption of new improved practices increased yield 26.68% gain over conventional methods and boosting 26.84% productivity of state average yield.
Harvesting methods	By Thresher
Cropping sequences	<i>Kharif</i> groundnut – <i>Rabi</i> wheat
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Very good variety and highly production ability
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Birender
- **Village:** Jhabua
- **Taluka:** Bawal
- **District:** Rewari
- **State:** Haryana
- **Education:** Matric
- **Pin code:** 123501
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- **Longitude:** 76.6196022<sup>0</sup>E



## ► Package of practices being followed:

Total land area	7.0 acre
Soil type	Loamy sand
Variety	Renuka
Crop rotation	Groundnut - mustard, groundnut - wheat
Sowing date	23.6.24
Seed rate (kg/ha)	140 kg/ ha
Spacing (cm)	30 cm
Fertilizer or micronutrients used (NPK kg/ha)	125 kg DAP, 750 kg gypsum, 25 kg/ha ZnSO <sub>4</sub> , 25 kg urea
Integrated Diseases Management	Seed treatment with (Imidacloprid 18.5% + Hexaconazole 1.5% FS @ 2 ml. per kg of seed)
Integrated Pest Management	Fipronil, confidor 100 ml./acre
No. of irrigations	4 -6
Weed control	Diclosulam 84% WDG @ 26g. a.i./ha Pre-em followed by Post-em Imazethapyr 10% SL @ 100g. a.i./ha (spray volume: 500 litres per ha)
Yield(kg/ha)	2280 kg/ha The adoption of new improved practices increased yield 31.03% gain over conventional methods and boosting 20.42% productivity of state average yield.
Harvesting methods	Manual uprooting
Cropping sequences	Groundnut- Mustard - Groundnut-wheat
Any other technology adopted	Moisture maintained in field during
Any government scheme or service used	Mini sprinkler purchased with subsidy from government
Farmer opinion on technology	Good technology
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Manoj Kumar
- **Village:** Jhabua
- **Taluka:** Bawal
- **District:** Rewari
- **State:** Haryana
- **Education:** 10<sup>th</sup>
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## ► Package of practices being followed:

Total land area	2.0 acre
Soil type	Loamy sand
Variety	Renuka
Crop rotation	Groundnut - mustard, groundnut - wheat
Sowing date	22.6.24
Seed rate (kg/ha)	125 kg/ha
Spacing (cm)	30 cm
Fertilizer or micronutrients used (NPK kg/ha)	2.5 t FYM, 125 kg DAP
Integrated Diseases Management	Seed treatment with (Imidacloprid 18.5% + Hexaconazole 1.5% FS) @ 2 ml. per kg of seed)
Integrated Pest Management	Fipronil, confidor 100 ml./acre
No. of irrigations	4
Weed control	Diclosulam 84% WDG @ 26g. a.i. /ha Pre-em followed by Post - em. Imazethapyr 10% SL @ 100g a.i./ha (spray volume: 500 litres per ha)
Yield(kg/ha)	2215 kg/ha The adoption of new improved practices increased yield 25.85% gain over conventional methods and boosting 42.68% productivity of state average yield.
Harvesting methods	Manual uprooting
Cropping sequences	Groundnut - Mustard - Groundnut-wheat
Any other technology adopted	Moisture maintained in field during
Any government scheme or service used	-
Farmer opinion on technology	Satisfy
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Smt. B. S. Yenagi
- **Village:** Kamalapur
- **Taluka:** Dharwad
- **District:** Dharwad
- **State:** Karnataka
- **Education:** 9<sup>th</sup>
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## ► Package of practices being followed:

Total land area	3.08 acre
Soil type	Black Soil
Variety	Dh-256
Crop rotation	Groundnut - wheat - Groundnut - Sorghum.
Sowing date	July First Fortnight of 2024
Seed rate (kg/ha)	125
Spacing (cm)	37.5 x 10.0 cm
Fertilizer or micronutrients used(NPK kg/ha)	DAP @ 100 kg, MOP @ 25 kg, FYM @ 7.5 tonnes Gypsum @ 500 kg
Integrated Diseases Management	Deep summer ploughing, seed treatment and fungicide for foliar disease management.
Integrated Pest Management	Deep summer ploughing, Insecticide for foliar defoliator and sucking pest management .
No. of irrigations	Rainfed.
Weed control	Pendimethalin 30 EC@ 3.3 liter per ha.
Yield(kg/ha)	2650 kg/ha The adoption of new improved practices increased yield 41.33% gain over conventional methods and boosting 135.72% productivity of state average yield.
Harvesting methods	Manul uprooting followed by dry pod threshing.
Cropping sequences	Groundnut - wheat - Groundnut - Sorghum.
Any other technology adopted	Cropping and Livestock Drum rolling during pegging stage.
Any government scheme or service used	No.
Farmer opinion on technology	Dh-256 good variety performs well under rain less period of 20 to 25 days at mid - crop stage.
Any suggestions from farmers' side	Timely availability of seeds from state government.

## ▶ Farmer's General Information:

- **Name:** Shri. Shankar Mokashi
- **Village:** Mulamuttal
- **Taluka:** Dharwad
- **District:** Dharwad
- **State:** Karnataka
- **Education:** Primary school
- **Pin code:** 580105
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- **Longitude:** 74.9771<sup>0</sup>E



## ▶ Package of practices being followed:

Total land area	10.0 acre
Soil type	Black Soil
Variety	Dh-256
Crop rotation	Groundnut - Chickpea - Soybean - Sorghum
Sowing date	July First Fortnight of 2024
Seed rate (kg/ha)	125
Spacing (cm)	37.5 x 10.0 cm
Fertilizer or micronutrients used(NPK kg/ha)	12:32:16 @ 100 kg, FYM @ 5.0 tonnes, Gypsum @ 400 kg
Integrated Diseases Management	Deep summer ploughing, seed treatment and fungicide for foliar disease management.
Integrated Pest Management	Deep summer ploughing, Insecticide for foliar defoliator and sucking pest management.
No. of irrigations	Rainfed with irrigation Imazethapyr 10% SL @ 1000 ml. per ha
Weed control	Imazethapyr 10% SL @ 1000 ml per ha
Yield(kg/ha)	3250 kg/ha The adoption of new improved practices increased yield 36.15% gain over conventional methods and boosting 151.13% productivity of state average yield.
Harvesting methods	Manul uprooting followed by dry pod threshing.
Cropping sequences	Groundnut-Chickpea-Soybean-Sorghum
Any other technology adopted	Sheep penning
Any government scheme or service used	Yes, Irrigation facilities under subsidy scheme.
Farmer opinion on technology	Dh-256 good variety performs well under low rainfall situation.
Any suggestions from farmers' side	Timely availability of seeds from state government.

## ► Farmer's General Information:

- **Name:** K. O. Chidanandmurthy
- **Village:** Krishnarajpura, Aluru
- **Taluka:** Hiriyyur
- **District:** Chitradurga
- **State:** Karnataka
- **Education:** SSLC
- **Pin code:** 577598
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## ► Package of practices being followed:

Total land area	3.5 acre
Soil type	Red loamy Soil
Variety	Dh-256, TMV-2
Crop rotation	Groundnut - Ragi
Sowing date	2 <sup>nd</sup> fortnight of August
Seed rate (kg/ha)	130 kg/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used(NPK kg/ha)	DAP: 50 kg/ha, Gypsum 350 kg
Integrated Diseases Management	-
Integrated Pest Management	Spray Imidacloprid 17.8 SL @ 0.5 ml./litre of water
No. of irrigations	1
Weed control	1 Manual weeding, 1 intercultural operation
Yield(kg/ha)	2050 kg/ha The adoption of new improved practices increased yield 92% gain over conventional methods and boosting 148.86% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	<i>Khariif</i> : Groundnut <i>Rabi</i> -Summer: Ragi
Any other technology adopted	-
Any government scheme or service used	All Govt. Schemes from State Dept. Of Agriculture, Karnataka state
Farmer opinion on technology	Good performing variety suitable for the region
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Rangappa S/o, Obanna
- **Village:** Gudihalli
- **Taluka:** Challakere
- **District:** Chitradurga
- **State:** Karnataka
- **Education:** 7<sup>th</sup>
- **Pin code:** 77599
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## ► Package of practices being followed:

Total land area	4.0 acre
Soil type	Red loamy Soil
Variety	Dh-256, TMV-2K-1812, K-6, Vishistha
Crop rotation	Groundnut Maize - Ragi - Onion - Garlic
Sowing date	2 <sup>nd</sup> fortnight of August
Seed rate (kg/ha)	150 kg/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	FYM: 15 tones/ha, DAP: 50 kg/ha
Integrated Diseases Management	-
Integrated Pest Management	Neem Oil 5000 ppm @ 2 ml/litre of water, Sowing of sorghum all along the border as tarp crop
No. of irrigations	2 protective irrigations given
Weed control	2 Manual weeding, 1 intercultural operation
Yield(kg/ha)	2316 kg/ha The adoption of new improved practices increased yield 57% gain over conventional methods and boosting 137.47% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	<i>Kharif:</i> Groundnut followed <i>Rabi-Summer:</i> Ragi, Maize, Onion, Garlic
Any other technology adopted	-
Any government scheme or service used	All govt. schemes from State Dept. of Agriculture, Karnataka state
Farmer opinion on technology	Good performing variety gives higher yield upon 1 or 2 protective irrigations
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Shri Devidas Ramdas Mahjan
- **Village:** Kakarde
- **Taluka:** Nandurbar
- **District:** Nandurbar
- **State:** Maharashtra
- **Education:** SSC
- **Pin code:** 425412
- **Mobile No:** 9763371191
- **Latitude:** 21.416953<sup>0</sup>N
- **Longitude:** 74.372725<sup>0</sup>E



## ► Package of practices being followed:

Total land area	2.0 ha.
Soil type	Light
Variety	GJG-32
Crop rotation	Cotton - Groundnut
Sowing date	28.6.2024
Seed rate (kg/ha)	100
Spacing (cm)	30x10
Fertilizer or micronutrients used(NPK kg/ha)	25:50:00
Integrated Diseases Management	Yes
Integrated Pest Management	Sprying of NSKE
No. of irrigations	-
Weed control	Hoing and weeding
Yield (kg/ha)	3400 kg/ha The adoption of new improved practices increased yield 29.41% gain over conventional methods and boosting 93.19% productivity of state average yield.
Harvesting methods	Uprooting
Cropping sequences	Cotton fallow groundnut
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	High yielding variety
Any suggestions from farmers' side	More weight loss after drying

## ► Farmer's General Information:

- **Name:** Shri. Suresh Doharya Padvi
- **Village:** Bhujgaon
- **Taluka:** Dhadgaon
- **District:** Nandurbar
- **State:** Maharashtra
- **Education:** Graduate
- **Pin code:** 425414
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- **Longitude:** 74.372725°E



## ► Package of practices being followed:

Total land area	2.0 ha.
Soil type	Light
Variety	GJG-32
Crop rotation	Summer green gram
Sowing date	3.7.2024
Seed rate (kg/ha)	90
Spacing (cm)	30x10
Fertilizer or micronutrients used(NPK kg/ha)	20:40:00
Integrated Diseases Management	Yes
Integrated Pest Management	Spraying of NSKE
No. of irrigations	-
Weed control	Hoeing and weeding
Yield(kg/ha)	3100 kg/ha The adoption of new improved practices increased yield 17.74% gain over conventional methods and boosting 51.25% productivity of state average yield.
Harvesting methods	Uprooting
Cropping sequences	Cotton fallow groundnut
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Bitter test/No. of pod more
Any suggestions from farmers' side	More weight loss after drying /more fodder yield

## ► Farmer's General Information:

- **Name:** Shri. Nirank Baburao Patil
- **Village:** Lon
- **Taluka:** Amalner
- **District:** Jalgaon
- **State:** Maharashtra
- **Education:** Illiterate
- **Pin code:** 425401
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## ► Package of practices being followed:

Total land area	2.5 ha.
Soil type	Medium blak
Variety	TCGS-1157
Crop rotation	Groundnut / maize
Sowing date	7.6.2024
Seed rate (kg/ha)	100
Spacing (cm)	30x10
Fertilizer or micronutrients used(NPK kg/ha)	25:50:00
Integrated Diseases Management	Yes
Integrated Pest Management	Sprying of NSKE (Neem Seed Kernel Extract)
No. of irrigations	-
Weed control	Hoeing and weeding
Yield(kg/ha)	3025 kg/ha The adoption of new improved practices increased yield 20.66% gain over conventional methods and boosting 58.24% productivity of state average yield.
Harvesting methods	Uprooting
Cropping sequences	Groundnut fallow maize
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	No. of pod more
Any suggestions from farmers' side	More fodder yield

## ► Farmer's General Information:

- **Name:** Ramnivas
- **Village:** Derajsar
- **Taluka:** Dungargadh
- **District:** Bikaner
- **State:** Rajasthan
- **Education:** BA
- **Pin code:** 331811
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- **Latitude:** 28.095087<sup>0</sup>N
- **Longitude:** 73.994835<sup>0</sup>E



## ► Package of practices being followed:

Total land area	15.0 ha
Soil type	Loamy Sand
Variety	RG - 510
Crop rotation	Groundnut - Wheat, Cluster Bean - Onion
Sowing date	18/05/2024
Seed rate (kg/ha)	200 Kg/ha
Spacing (cm)	20 x 10 cm <sup>2</sup>
Fertilizer or micronutrients used (NPK kg/ha)	120 Kg DAP, 08 Kg NPK, 20 Kg Dana
Integrated Diseases Management	Trichoderma
Integrated Pest Management	Quinolphos for Heliothis
No. of irrigations	15
Weed control	Pendimethalin + 1 HW
Yield(kg/ha)	5200 Kg/ha The adoption of new improved practices increased yield 10.5% gain over conventional methods and boosting 30.68% productivity of state average yield.
Harvesting methods	Mechanical
Cropping sequences	Groundnut -Wheat & Groundnut - Onion
Any government scheme or service used	KCC/PMFY
Farmer opinion on technology	Good driller is required
Any suggestions from farmers' side	Insured MSP

## ► Farmer's General Information:

- **Name:** Bhaira Ram
- **Village:** Parsneu
- **Taluka:** Ratangadh
- **District:** Churu
- **State:** Rajasthan
- **Education:** 11<sup>th</sup>
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- **Longitude:** 74.3697<sup>o</sup>E



## ► Package of practices being followed:

Total land area	13.0 ha
Soil type	Loamy Sand
Variety	RG - 510
Crop rotation	Groundnut - Wheat, Clusterbean - onion
Sowing date	25/05/2024
Seed rate (kg/ha)	220 kg/ha
Spacing (cm)	20 x 10 cm <sup>2</sup>
Fertilizer or micronutrients used	(NPK kg/ha)100 kg DAP, 10 Kg NPK, 20 Kg Micronutrient
Integrated Diseases Management	<i>Trichoderma</i>
Integrated Pest Management	Melathion
No. of irrigations	16
Weed control	Pendimethalin pre emergence + 1 HW
Yield (kg/ha)	4500 Kg/ha The adoption of new improved practices increased yield 22.4% gain over conventional methods and boosting 50.41% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	Groundnut- Ishabgol & Cluster bean – Wheat
Any other technology adopted	-
Any government scheme or service used	KCC
Farmer opinion on technology	Groundnut harvester
Any suggestions from farmers' side	Insured MSP

## ► Farmer's General Information:

- **Name:** Th. T. Jayabal
- **Village:** Odayakulam
- **Taluka:** Anaimalai
- **District:** Coimbatore
- **State:** Tamilnadu
- **Education:** 9<sup>th</sup>
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- **Latitude:** 10.5663<sup>0</sup>N
- **Longitude:** 76.9125<sup>0</sup>E



## ► Package of practices being followed:

Total land area	5.0 acres
Soil type	Sandy loam
Variety	TMV14
Crop rotation	Groundnut Sorghum
Sowing date	05.07.2024
Seed rate (kg/ha)	70 kg/ha
Spacing (cm)	30x10 cm
Fertilizer or micronutrients used (NPK kg/ha)	25:50:75 kg/ha of N- P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O; Gypsum application @ 200 kg ha <sup>-1</sup> on 45 <sup>th</sup> DAS followed by earthing up
Integrated Diseases Management	Seed treatment with <i>Trichoderma</i> @ 4g./kg seed; Spraying of propiconazole @ 1 ml./litre at onset of disease
Integrated Pest Management	Spraying of Profenofos @ 1ml./litre for defoliator damage
No. of irrigations	4
Weed control	Herbicide
Yield(kg/ha)	2900 Kg/ha The adoption of new improved practices increased yield 13% gain over conventional methods and boosting 14.98% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	Groundnut-Sorghum-Fodder grass
Farmer opinion on technology	The technology on varietal component GJG32 is very good as it is free from disease and remain green till physiological maturity, plant height is less and withstand lodging
Any suggestions from farmers' side	Farmers expect seed distribution for at least 1 acre

## ► Farmer's General Information:

- **Name:** Th. M. Shanmugavel
- **Village:** Jilopinayakkanpalayam
- **Taluka:** Udumalpet
- **District:** Tiruppur
- **State:** Tamilnadu
- **Education:** 9<sup>th</sup>
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## ► Package of practices being followed:

Total land area	8.0 acres
Soil type	Sandy loam
Variety	TMV14
Crop rotation	Groundnut - Tomato & Chillies
Sowing date	03.08.2024
Seed rate (kg/ha)	80 kg/ha
Spacing (cm)	30x10 cm
Fertilizer or micronutrients used(NPK kg/ha)	25:50:75 kg/ha
Integrated Diseases Management	Seed treatment with <i>Trichoderma</i> @ 4g./kg seed; Spraying of propiconazole @ 1 ml/litre at onset of disease
Integrated Pest Management	Spraying of Profenofos @ 1ml./litre
No. of irrigations	4
Weed control	Herbicide
Yield(kg/ha)	2800 Kg/ha The adoption of new improved practices increased yield by 12.34% over conventional method and boosting 32.46% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	Groundnut-Tomato-Chillies
Any other technology adopted	-
Farmer opinion on technology	The variety GJG32 is very good as it is free from disease and remains green till physiological maturity
Any suggestions from farmers' side	Seeds may be distributed for atleast one acre. Repellents for wild boar also may be given

## ► Farmer's General Information:

- **Name:** J. Raja
- **Village:** Vadanerkunam
- **Taluka:** Marakkanam
- **District:** Villupuram
- **State:** Tamilnadu
- **Education:** 8<sup>th</sup>
- **Pin code:** 604301
- **Mobile No:** 8344698125
- **Latitude:** 12.2298<sup>o</sup>N
- **Longitude:** 79.8112<sup>o</sup>E



## ► Package of practices being followed:

Total land area	3.0 acres
Soil type	Sandy clay loam
Variety	TMV 14
Crop rotation	Groundnut - Paddy, Pulses
Sowing date	13.07.24
Seed rate (kg/ha)	120 kg/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used(NPK kg/ha)	10 : 10 : 45 Kg NPK/ha
Integrated Diseases Management	Imidacloprid 18.5% + Hexaconazole 1.5% FS @ 2 ml. per kg of seed.
Integrated Pest Management	Chlorothalonil 500 ml/acre
No. of irrigations	-
Weed control	Integrated Weed Management (IWM) <ul style="list-style-type: none"> <li>● Pre-emergence application of Diclosulam 84% WDG @ 26g. a.i./ha</li> <li>● Followed by post-emergence application of Imazethapyr 10% SL @ 100g a.i./ha</li> </ul>
Yield(kg/ha)	2440 kg/ha The adoption of new improved practices increased yield 19.5% gain over conventional methods and boosting 22.44% productivity of state average yield.
Harvesting methods	Pulling out plants and Picking of pods
Cropping sequences	Groundnut - Paddy - Blackgram
Any other technology adopted	-
Any government scheme or service used	-
Farmer opinion on technology	Ease to use cost effectiveness
Any suggestions from farmers' side	

## ► Farmer's General Information:

- **Name:** S. Elumalai
- **Village:** Vadanerkunam
- **Taluka:** Marakkanam
- **District:** Villupuram
- **State:** Tamilnadu
- **Education:** Higher secondary
- **Pin code:** 604301
- **Mobile No:** 8946007780
- **Latitude:** 12.2317<sup>0</sup>N
- **Longitude:** 79.8166<sup>0</sup>E



## ► Package of practices being followed:

Total land area	5.0 acres
Soil type	Sandy clay loam
VarietyTMV 14	
Crop rotation	Groundnut Paddy, Pulses
Sowing date	13.07.24
Seed rate (kg/ha)	120 kgs/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used(NPK kg/ha)	10 : 10 : 45 Kg NPK/ha
Integrated Diseases Management ml per kg of seed.	Imidacloprid 18.5% + Hexaconazole 1.5% FS @ 2
Integrated Pest Management	Chlorothalonil 500 ml/acre
No. of irrigations	-
Weed control	<b>Integrated Weed Management (IWM)</b> <ul style="list-style-type: none"> <li>● Pre-emergence application of Diclosulam 84% WDG @ 26g. a.i./ha</li> <li>● Followed by post-emergence application of Imazethapyr 10% SL @ 100g. a.i./ha</li> </ul>
Yield(kg/ha)	2450 kg/ha The adoption of new improved practices increased yield 19.8% gain over conventional methods and boosting 22.92% productivity of state average yield.
Harvesting methods	Pulling out plants and Picking of Pods
Cropping sequences	Groundnut – Paddy - Blackgram
Farmer opinion on technology	Ease to use cost effectiveness
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Sravan kumar
- **Village:** Donnikota
- **Taluka:** Nallamada
- **District:** Kadiri
- **State:** Andhra Pradesh
- **Education:** Bsc
- **Pin code:** 515401
- **Mobile No:** 8331940900
- **Latitude:** 15.0741°N
- **Longitude:** 77.6475°E



## ► Package of practices being followed:

Total land area	5.0 acre
Soil type	Red sandy loam
Variety	Kadiri-Lepakshi
Crop rotation	Groundnut - Horse gram
Sowing date	July
Seed rate (kg/ha)	50 - 60 kg/ acre
Spacing (cm)	30 cm × 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	20-40-45 kg/ha NPK, Formula-4
Integrated Diseases Management	Seed treatment
Integrated Pest Management	Carried out
No. of irrigations	3
Weed control	Pendimethalin 1 ltr/acre or Dicosulam @12g./acre/Targa super as Post emergence
Yield(kg/ha)	1970 kg/ha
Harvesting methods	Manual
Cropping sequences	Groundnut - Horse gram
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Cultivating improved varieties will enhances the yield levels of the groundnut
Any suggestions from farmers' side	Improved variety should be short duration and resistance to pest and diseases.

## ► Farmer's General Information:

- **Name:** Rukkappa
- **Village:** Saswiger
- **Taluka:** Devadurga
- **District:** Karnataka
- **State:** Karnataka
- **Education:** 8<sup>th</sup>
- **Pin code:** 584111
- **Mobile No:** 9901631349
- **Latitude:** 16.4235<sup>0</sup>N
- **Longitude:** 76.9355<sup>0</sup>E



## ► Package of practices being followed:

Total land area	4.0 acre
Soil type	Red loamy Soil
Variety	Dh-256, K-6
Crop rotation	Groundnut - Chickpea
Sowing date	2 <sup>nd</sup> fortnight of July
Seed rate (kg/ha)	130 kg/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used(NPK kg/ha)	DAP: 70 kg/ha Gypsum 500 kg
Integrated Diseases Management	-
Integrated Pest Management	Spray Imidacloprid 17.8 SL @ 0.5 ml/litre of water
No. of irrigations	1
Weed control	1 Manual weeding, 1 intercultural operation
Yield(kg/ha)	2660 kg/ha The adoption of new improved practices increased yield 67% gain over conventional methods and boosting 186.86% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	<i>Kharif</i> : Groundnut followed by Chickpea
Any other technology adopted	-
Any government scheme or service used	All govt. Schemes from State Dept. of Agriculture, Karnataka state
Farmer opinion on technology	Good performing variety suitable for the region
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** Badesab
- **Village:** Mittimalkapur
- **Taluka:** Raichur
- **District:** Raichur
- **State:** Karnataka
- **Education:** 8<sup>th</sup>
- **Pin code:** 584103
- **Mobile No:** 9964100575
- **Latitude:** 16.1370<sup>o</sup>N
- **Longitude:** 77.3927<sup>o</sup>E



## ► Package of practices being followed:

Total land area	5.0 acre
Soil type	Red loamy Soil
Variety	Dh-256, K-6,
Crop rotation	Groundnut - Chickpea
Sowing date	2 <sup>nd</sup> fortnight of July
Seed rate (kg/ha)	150 kg/ha
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	FYM: 15 tones/ha, DAP: 50 kg/ha
Integrated Diseases Management	-
Integrated Pest Management	Neem Oil 5000 ppm @ 2 ml./litre of water, Sowing of sorghum all along the border as tarp crop
No. of irrigations	2 protective irrigations given
Weed control	2 Manual weeding, 1 intercultural operation
Yield(kg/ha)	2323 kg/ha
	The adoption of new improved practices increased yield 67% gain over conventional methods and boosting 163.39% productivity of state average yield.
Harvesting methods	Manual
Cropping sequences	<i>Kharif</i> : Groundnut followed <i>Rabi</i> -Chickpea
Any other technology adopted	-
Any government scheme or service used	All govt. schemes from State Dept. of Agriculture, Karnataka state
Farmer opinion on technology	Good performing variety gives higher yield upon 1 or 2 protective irrigations
Any suggestions from farmers' side	-



## ► Farmer's General Information:

- **Name:** G. Aruna Devi
- **Village:** Yadiki
- **Taluka:** Gooty
- **District:** Anantapur
- **State:** Andhra Pradesh
- **Education:** 10<sup>th</sup> class
- **Pin code:** 515401
- **Mobile No:** 8331940900
- **Latitude:** 15.0741<sup>o</sup>N
- **Longitude:** 77.6475<sup>o</sup>E

## ► Package of practices being followed:

Total land area	2.50 ha
Soil type	Red soil
Variety	DH 256
Crop rotation	Yes - Maize
Sowing date	23-06-2024
Seed rate (kg/ha)	120
Spacing (cm)	30 x 10
Fertilizer or micronutrients used (NPK kg/ha)	12.5-25-50
Integrated Diseases Management	1. Seed Treatment with 3g. carbendazim /1 kg. Seed. 2. For Root Rot& Tikka-carbendazim 20g./10 lit. water
Integrated Pest Management	<b>Sucking pest:</b> Seed treatment with Imidacloprid 2ml/kg seed and or Imidacloprid 17.8% SL and Dimethoate 30 % EC (20 ml/10 lit. of water) <b>Caterpillar:</b> Spraying of Quinalphos (20 ml/10 lit. of water)
No. of irrigations	6
Weed control	Imazethapyr
Yield(kg/ha)	2680 kg/ha The adoption of new improved practices increased yield 46.44% gain over conventional methods and boosting 128.78% productivity of state average yield.
Harvesting methods	By Thresher
Cropping sequences	<i>Kharif</i> groundnut
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Good yield and high production
Any suggestions from farmers' side	Bitter in taste

## ► Farmer's General Information:

- **Name:** Soma Giridhara Reddy
- **Village:** Animela
- **Taluka:** Veerapunayunipalle
- **District:** Cuddapah
- **State:** Andhra Pradesh
- **Education:** Graduate
- **Pin code:** 516321
- **Mobile No:** 9490976753
- **Latitude:** 14.4725<sup>0</sup>N
- **Longitude:** 78.4722<sup>0</sup>E

## ► Package of practices being followed:

Total land area	3.0 ha
Soil type	Black soil
Variety	DH 256
Crop rotation	No
Sowing date	10-06-2024
Seed rate (kg/ha)	110
Spacing (cm)	30 x 10
Fertilizer or micronutrients used (NPK kg/ha)	15-30-40
Integrated Diseases Management	1. Seed Treatment with 3g. Mancozeb/1kg. Seed. 2. For Root Rot& Tikka-carbendazim 20g./10 lit water
Integrated Pest Management	<b>Sucking pest:</b> Seed treatment with Imidacloprid 2ml/kg seed and or Imidacloprid 17.8% SL and Dimethoate 30 % EC (20 ml/10 lit. of water) <b>Caterpillar:</b> Spraying of Quinalphos (20 ml./10 lit. of water)
No. of irrigations	5
Weed control	Imazethapyr 10ml
Yield(kg/ha)	2489 kg/ha The adoption of new improved practices increased yield 26.34% gain over conventional methods and boosting 78.63% productivity of state average yield.
Harvesting methods	By Thresher
Cropping sequences	<i>Kharif</i> groundnut
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Good variety and high yield
Any suggestions from farmers' side	-

## ► Farmer's General Information:

- **Name:** A. Masoolu
- **Village:** Nirven
- **Taluka:** Kothakota
- **District:** Wanaparthy
- **State:** Telangana
- **Education:** -
- **Pin code:** 509219
- **Mobile No:** 7780525617
- **Latitude:** 16.4049<sup>o</sup>N
- **Longitude:** 77.9682<sup>o</sup>E

## ► Package of practices being followed:

Total land area	4.0 acres
Soil type	Red soils
Variety	GJG-32
Crop rotation	Groundnut - Black gram
Sowing date	22-07-2024
Seed rate (kg/ha)	200
Spacing (cm)	30 cm x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	94:258:80
Integrated Diseases Management	-
Integrated Pest Management	Flubendiamide @ 0.3 ml/l, Profenophos @ 2ml/l
No. of irrigations	2
Weed control	Pendimethalin @ 8 ml/l
Yield(kg/ha)	2415 kg/ha
	The adoption of new improved practices increased yield 18.01% gain over conventional methods and boosting 15.36% productivity of state average yield.
Harvesting methods	Sheller
Cropping sequences	Black gram
Any other technology adopted	Gypsum applied,
Any government scheme or service used	No
Farmer opinion on technology	No
Any suggestions from farmers' side	Farmer appricited the groundnut variety seed

## ► Farmer's General Information:

- **Name:** Batthula Sridhar
- **Village:** Gummadam
- **Taluka:** Pebbair
- **District:** Wanaparthy
- **State:** Telangana
- **Education:** BPD
- **Pin code:** 509104
- **Mobile No:** 9701734830
- **Latitude:** 16.094001<sup>0</sup>N
- **Longitude:** 78.030326<sup>0</sup>E

## ► Package of practices being followed:

Total land area	8.0 acres
Soil type	Red soils
Variety	GJG-32
Crop rotation	Black gram - Groundnut
Sowing date	16-07-2024
Seed rate (kg/ha)	200
Spacing (cm)	30 cm x 10 cm
Fertilizer or micronutrients used(NPK kg/ha)	105:258:80
Integrated Diseases Management	-
Integrated Pest Management	Plethora @ 1 ml/l, Profenophos @ 2ml/l
No. of irrigations	2
Weed control	-
Yield(kg/ha)	2345 kg/ha The adoption of new improved practices increased yield 14.19% gain over conventional methods and boosting 11.82% productivity of state average yield.
Harvesting methods	Sheller machine
Cropping sequences	Groundnut - Black gram
Any other technology adopted	No
Any government scheme or service used	No
Farmer opinion on technology	Farmer appreciated the groundnut variety seed, Resistance to leaf spots, higher yield
Any suggestions from farmers' side	Long duration (15- 20days) compared to other varieties.



## ► Farmer's General Information:

- **Name:** I. Rayappan
- **Village:** Villanatham
- **Taluka:** Andimadm
- **District:** Ariyalur
- **State:** Tamilnadu
- **Education:** Higher secondary
- **Pin code:** 606001
- **Mobile No:** 7502686677
- **Latitude:** 11.141<sup>o</sup>N
- **Longitude:** 79.074<sup>o</sup>E

## ► Package of practices being followed:

Total land area	5.0 acre
Soil type	Sandy loam
Variety	GJG 32
Crop rotation	Groundnut - Paddy - Black gram
Sowing date	21.06.2024
Seed rate (kg/ha)	125 kg/ha
Spacing (cm)	30x10 cm
Fertilizer or micronutrients used(NPK kg/ha)	25:50:75 kg/ha 400 kg /ha Gypsum
Integrated Diseases Management	<i>Trichoderma viridi</i> seed treatment and soil application
Integrated Pest Management	Chlorothalonil 500 ml/acre and Navaluran 1g/lit of water
No. of irrigations	4- 5 irrigations
Weed control	Dicloslum 84 WDG 12.5 g/ac 15 B type
Yield(kg/ha)	2882 kg/ha The adoption of new improved practices increased yield 19.8% gain over conventional methods and boosting 18.24% productivity of state average yield.
Harvesting methods	Pulling out plants and Picking of pods
Cropping sequences	Groundnut - Paddy - Black gram
Any other technology adopted	-
Any government scheme or service used	-
Farmer opinion on technology	Good variety and higher yield
Any suggestions from farmers' side	-



## ► Farmer's General Information:

- **Name:** S. Saravanan
- **Village:** Vadakuppam
- **Taluka:** Vriddhachalam
- **District:** Cuddalore
- **State:** Tamilnadu
- **Education:** S.S.L.C
- **Pin code:** 606104
- **Mobile No:** 9842554392
- **Latitude:** 13.277<sup>0</sup> N
- **Longitude:** 79.446<sup>0</sup> E

## ► Package of practices being followed:

Total land area	4.0 acre
Soil type	Sandy loam
Variety	VRI 10
Crop rotation	Groundnut - Paddy - Black gram
Sowing date	25.06.2024
Seed rate (kg/ha)	125 kg/ha
Spacing (cm)	30x10 cm
Fertilizer or micronutrients used(NPK kg/ha)	25:50:75 kg/ha 400 kg/ha Gypsum
Integrated Diseases Management	<i>Trichoderma viridi</i> seed treatment and soil application
Integrated Pest Management	Chlorothalonil 500 ml/acre and Navaluran 1 g/lit of water
No. of irrigations	4-5 irrigations
Weed control	Dicloslum 84 WDG 12.5 g/ac and Hand weeding 15 B type
Yield (kg/ha)	2706 kg/ha The adoption of new improved practices increased yield 26.33% gain over conventional methods and boosting 26.65% productivity of state average yield.
Harvesting methods	Pulling out plants and Picking of pods
Cropping sequences	Groundnut - Paddy - Black gram
Any other technology adopted	-
Any government scheme or service used	-
Farmer opinion on technology	Good variety, higher yield and high oil content
Any suggestions from farmers' side	-

