Livelihood Enhancement of SC and ST Farmers of Bundelkhand Region through Groundnut-Based Interventions

Aaradhana Chilwal
Nataraja M.V.
Hardi Kansagara
Purvi Vaja
SK Bera

All India Coordinated Research Project on Groundnut
ICAR-Indian Institute of Groundnut Research,

At & Post: Ivnagar Road, Junagadh 362 015, Gujarat

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Publication No.: IIGR/PME/Technical Bulletin /02-2026

Citation:

Citation: Aaradhana Chilwal, Nataraja M.V., Hardi Kansagara, Purvi Vaja, SK Bera (2026). Livelihood Enhancement of SC and ST Farmers of Bundelkhand Region through Groundnut-Based Interventions. Technical Bulletin/02-2026. ICAR-Indian Institute of Groundnut Research, Junagadh-362 015. Pp41

Published by:
Director,
ICAR-Indian Institute of Groundnut Research,
At & Post: Ivnagar Road, Junagadh 362 015, Gujarat
Phone: 091-285-2672550 Fax: 091-285-2672550
Email: directorgroundnut@gmail.com

Design and Printing:
Art India Offset
Lohana Vidhyarthi Bhuvan, Near Hatkesh Hospital,
Collage Road, Bhutanath, Junagadh.
Mo. 98795 41275

PREFACE

The Bundelkhand region, covering parts of Madhya Pradesh and Uttar Pradesh, faces many agricultural challenges such as low rainfall, poor soil quality, and mostly rainfed farming. These conditions make farming difficult and affect the livelihoods of farmers, especially those belonging to Scheduled Castes (SC) and Scheduled Tribes (ST), who mainly depend on agriculture for their income. Groundnut is a suitable crop for this region because it can grow well even in low moisture conditions, requires less input, and provides both oil and protein. It also helps in improving soil fertility. Keeping this in view, ICAR–Directorate of Groundnut Research (ICAR–IIGR) has taken up initiatives under SCSP/TSP programmes to promote groundnut cultivation for improving the income and livelihoods of farmers in Bundelkhand. This bulletin presents the work carried out in selected districts of the region in collaboration with Ramraja Multi-State Agro Cooperative Society Ltd. Under this programme, farmers were provided with quality seeds of improved groundnut varieties, farm machinery, and training on better farming practices. These efforts helped farmers adopt improved technologies and practices in their fields. The results have been positive. Farmers have achieved higher yields and better income compared to traditional practices. Groundnut cultivation has become more profitable, and many farmers have also adopted better cropping systems like groundnut–wheat, which provides income throughout the year. This bulletin also includes success stories of 40 SC/ST farmers, showing how these interventions have helped improve their farming and living conditions. Their experiences highlight the benefits of using improved seeds, proper management practices, and timely support. The success stories presented in this bulletin have been collected and documented by the Ramraja Multi-State Agro Cooperative Society Ltd., Jhansi. It is hoped that this bulletin will be useful for farmers, scientists, and policymakers working towards improving agriculture and livelihoods in similar regions.

Authors

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1. Introduction

The Bundelkhand region, encompassing parts of Madhya Pradesh and Uttar Pradesh, is characterised by semi-arid climatic conditions, erratic monsoonal rainfall, and a predominance of rainfed agriculture. The region's edaphic profile is marked by depleted soil organic matter, low nutrient availability and poor water-holding capacity which collectively results in suboptimal agricultural productivity. Bundelkhand exhibits high livelihood vulnerability, particularly among Scheduled Caste (SC) and Scheduled Tribe (ST) farming communities, who are disproportionately dependent on subsistence-level crop production and possess limited adaptive capacity to climatic variability. These factors cause agrarian distress, food insecurity and income instability. In this context, groundnut (*Arachis hypogaea* L.) emerges as a strategically suitable crop due to its intrinsic drought tolerance, relatively low input requirements and dual utility as both an oilseed and protein source. Its deep root system and efficient water-use physiology enable better performance under moisture-deficit conditions, while its nitrogen-fixing ability enhances soil fertility through biological nitrogen fixation. Promoting groundnut cultivation, therefore, offers a sustainable pathway for augmenting farm productivity, soil health, and livelihood resilience in the Bundelkhand region.

2. Socio-Economic and Agricultural Background

The Bundelkhand region spans over seven districts each in Uttar Pradesh (Jhansi, Jalaun, Lalitpur, Banda, Hamirpur, Mahoba, and Chitrakoot) and Madhya Pradesh (Sagar, Damoh, Panna, Chhatarpur, Tikamgarh, Datia, and Niwari). It is characterized as a semi-arid, drought-prone plateau with significant socio-economic and agricultural challenges. The region experiences an annual rainfall of about 700–900 mm, which is highly erratic and unevenly distributed. This often leads to frequent droughts and crop failures. The soils are generally shallow, coarse-textured, low in organic matter, and possess poor water-holding capacity, making them highly susceptible to erosion and degradation. Agriculture in Bundelkhand is predominantly rainfed, with limited irrigation infrastructure and low groundwater availability, resulting in low cropping intensity and high production risk.

Socio-economically, Bundelkhand is one of the most underdeveloped regions in central India, with nearly 80% of farmers belonging to small and marginal categories. Landholdings are fragmented, and mechanization levels remain low. The region has a significant population of Scheduled Castes (SC), Scheduled Tribes (ST), and Other Backward Classes (OBC), with livelihoods primarily dependent on agriculture. Low-income levels, limited access to quality inputs, credit, and markets, along with inadequate infrastructure, further constrain agricultural development. Seasonal migration is common due to frequent crop failures and lack of alternative livelihood opportunities.

The agricultural system in Bundelkhand is dominated by rainfed cropping. Groundnut, sesame, pulses (such as urd, moong, and pigeon pea), and sorghum are grown during the *kharif* season, while chickpea, lentil, wheat, and mustard are cultivated in the *rabi* season. Pulses occupy a substantial share of the cropped area. The

region is often referred to as the pulse bowl of Uttar Pradesh. However, productivity levels of most crops remain low due to poor soil fertility, minimal input use, and climatic uncertainties.

3. Strategic Importance of Groundnut in Bundelkhand Region

Groundnut holds a significant place in the cropping system of Bundelkhand as an important *kharif* oilseed crop well-suited to the region's light soils and rainfed conditions. It serves multiple purposes by providing edible oil, protein-rich food, and nutritious fodder (haulm) for livestock. Recent efforts have led to expansion of groundnut in the region, which is now being promoted as a groundnut cluster. This is clear by the change in groundnut area and production scenario of Madhya Pradesh and Uttar Pradesh. In Madhya Pradesh, there is a clear and steady improvement in all aspects. The area under groundnut increased from 2.93 lakh ha in 2020–21 to 7.03 lakh ha in 2024–25, which means farmers are showing more interest in growing this crop. Production also increased significantly from 5.23 to 15.51 lakh tonnes, more than doubling in five years. At the same time, yield improved from 1786 kg/ha to 2207 kg/ha, indicating better farming practices, improved varieties, or favorable conditions. Overall, MP shows a strong positive growth in area, production, and productivity. In Uttar Pradesh, the situation is slightly different. The area under groundnut remained almost stable at around 0.9–1.0 lakh ha from 2020–21 to 2022–23, then increased to 1.26 lakh ha in 2023–24, and jumped to 4.51 lakh ha in 2024–25. This sharp rise suggests recent efforts or interventions to promote groundnut cultivation. Production followed a similar trend, increasing from about 1.1 to 4.96 lakh tonnes. However, the yield did not improve much and stayed around 1100–1200 kg/ha. Despite this progress, several constraints persist, including erratic rainfall during critical growth stages, low seed replacement rates, limited adoption of improved technologies, pest and disease incidence, and post-harvest losses.

4. IIGR Initiatives under SCSP/TSP Program in the Bundelkhand Region

A. Objectives of the Initiative

- To enhance livelihood security of SC/ST farmers
- To increase groundnut productivity and profitability
- To promote scientific cultivation practices
- To strengthen capacity building and technology adoption
- To improve seed systems and input access

B. Partnering Organization

Ramraja Multi-State Agro Cooperative Society Ltd., Jhansi registered under the Ministry of Cooperation, Government of India, serves as a key associated partner in implementing agricultural interventions. With its extensive network and strong farmer base, the cooperative plays a crucial role in last-mile delivery of technologies and inputs on behalf of ICAR–IIGR. Leveraging its outreach, it effectively disseminates improved practices, quality seed, and innovative crop management strategies to farmers. The organization acts as a vital bridge between research and field-level adoption, ensuring that the benefits of advanced agricultural technologies reach farmers efficiently, thereby enhancing productivity, sustainability, and livelihoods in the region.

C. Demographic Profile of the Target Districts

The following 5 districts have been targeted in the initiative:

District	General Population	SC Population	ST Population	Total Population
Shivpuri	11,76,733	3,21,515	2,27,802	17,26,050
Jhansi	14,32,225	5,62,505	3,873	19,98,603
Datia	5,66,000	1,60,00	060,000	7,86,000
Niwari	2,87,122	99,441	18,244	4,04,807
Tikamgarh	11,33,390	2,62,163	49,613	14,45,166

D. Seed Distribution under SCSP/TSP

Under the SCSP/TSP programmes of ICAR–IIGR, more than 2664 quintals (747 quintals in 2024, 872 quintals in 2025, and 1045 quintals in 2026) of high-quality seed of improved groundnut varieties such as Girnar 4, Girnar 5, and TAG 73 have been supplied during the past two years. This seed has been produced by the Ramraja Multi-State Agro Cooperative Society itself and were provided free of cost to farmers in the Bundelkhand region. This initiative has significantly enhanced access to quality seed and promoted the adoption of improved varieties of groundnut among small and marginal farmers belonging to SC and ST communities.

E. Farm Mechnization Support

As part of the programme interventions, essential farm machinery for groundnut cultivation was also provided free of cost to farmers to promote mechanization and reduce labour dependency. This included the distribution of decorticators for shelling of groundnut pods, seed drills for timely and uniform sowing, interculture tools for effective weed management and harvesters for reducing post-harvest losses. The provision of these machineries has helped in improving operational efficiency, lowering cost of cultivation, and ensuring timely farm operations, thereby contributing to enhanced productivity and profitability for the beneficiary farmers.

F. Capacity Building and Trainings

Trainings have been conducted throughout the groundnut season by Ramraja Multi-State Agro Cooperative Society emphasizing the latest recommended practices and technologies for groundnut cultivation. These trainings specifically focused on key areas such as seed treatment, nutrient management, pest and disease management and improved agronomic practices, ensuring that farmers are equipped with up-to-date knowledge for better crop performance and higher productivity.

5. Impact of the IIGR Interventions

The programme has had a substantial impact on yield, income and overall livelihood enhancement of the farmers. Through the adoption of improved groundnut varieties and scientific cultivation practices, supported by technical guidance, farmers achieved a significant increase in productivity, with yields reaching about 2200–2300 kg/ha, reflecting an average gain of around 28.9% over traditional practices. This improvement in yield directly contributed to enhanced farm income. The net returns

increased considerably, rising from about ₹17,500 to ₹27,000 for small farmers, while farmers with larger holdings earned up to ₹1,45,000. With an average cost of cultivation of ₹36,208 per hectare and net returns of around ₹40,000 per hectare, groundnut cultivation proved to be a profitable enterprise under improved management practices. In addition to yield and income gains, the programme also facilitated cropping system improvement, with farmers increasingly adopting the groundnut–wheat cropping system, leading to better land use efficiency and more stable income throughout the year. Overall, these interventions have strengthened the livelihoods of more than 2,500 farmers, particularly those from SC and ST communities, by improving productivity, profitability, and resilience of their farming systems.

A testimony in the form of success stories of 50 farmers is presented here, highlighting the transformative role of groundnut cultivation in enhancing the livelihoods of SC and ST farmers in the Bundelkhand region. These success stories reflect how the adoption of improved varieties and scientific practices has contributed to increased productivity, higher income, and improved socio-economic conditions of the beneficiary farmers.

Success Stories of SC Farmers

Farmer's General Information:

Name	**:**	**Niran Singh Jatav**
Category	:	SC
Village	:	Barodi
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	8305918107
Latitude	:	25.385537.N
Longitude	:	78.008394.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1000 kg/ha
- Economic benefit : Rs 31,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.69 ha
Soil type	Red
Variety	TAG 73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield (kg/ha)	**2200 kg/ha**
Economic benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Rajaveti Parihar
Category : SC
Village : Mamoni
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9762587082
Latitude : 25.404531.N
Longitude : 78.002487.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 900 kg/ha
- Economic benefit : Rs 24,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Red
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2250 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,06,250/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Bhagvanlal Jatav**
Category	:	SC
Village	:	Barodi
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	6261298784
Latitude	:	25.385951.N
Longitude	:	78.008147.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 25 QTL
- Economic benefit : Rs 1,28,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.80 ha
Soil type	Red
Variety	TAG 73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka -Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2600 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,29,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Gopal Parihar
Category : SC
Village : Mamoni
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : 2nd class
Pin code : 473660
Mobile No : 7724890382
Latitude : 25.395217.N
Longitude : 77.976311.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 800 kg/ha
- Economic benefit : Rs 18,000/-

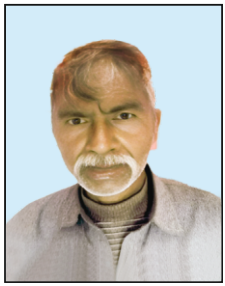
Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Alluvial
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Iimidachloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Hargyan Jatav**
Category	:	SC
Village	:	Mamoni Kala
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	9755718714
Latitude	:	25.390576.N
Longitude	:	77.9799.30.E



Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1700 kg/ha
- Economic benefit : Rs 76,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.27 ha
Soil type	Red
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Harko Jatav**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	7024906927
Latitude	:	25.390696.N
Longitude	:	77.990293.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 700 kg/ha
- Economic benefit : Rs 11,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.53 ha
Soil type	Red
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	28/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Iimidachloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Kadam Singh Jatav**
Category	:	SC
Village	:	Mamoni Kala
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	8821871719
Latitude	:	25.393455.N
Longitude	:	77.980121.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	2.01 ha
Soil type	Red
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Keshkali Jatav
Category : SC
Village : Mamoni
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : 1st class
Pin code : 473660
Mobile No : 9098568313
Latitude : 25.390696.N
Longitude : 77.990293.E

Conventional Farming Practice:

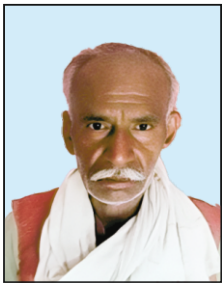
- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.61 ha
Soil type	Red
Variety	Girnar 4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:



Name	:	**Madhi Jatav**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9098365095
Latitude	:	25.390573.N
Longitude	:	77.979930.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 800 kg/ha
- Economic benefit : Rs 18,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.54 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2100 kg/ha**
Economic Benefit (Net Returns)	**Rs 96,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Makkho Jatav**
Category	:	SC
Village	:	Barodi
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	8319938987
Latitude	:	25.384531.N
Longitude	:	78.0007560.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1600 kg/ha
- Economic benefit : Rs 70,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.17 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pet Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2250 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,06,250/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Shriram Parihar**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	6262508697
Latitude	:	25.395217.N
Longitude	:	77.976311.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1000 kg/ha
- Economic benefit : Rs 31,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Alluvial
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	28/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Suresh Jatav**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	9109569678
Latitude	:	25.388224.N
Longitude	:	77.978860.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 2000 kg/ha
- Economic benefit : Rs 96,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	2.0 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes , Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Shankar Lal Parihar
Category : SC
Village : Mamoni Kala
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9770986391
Latitude : 25.393924.N
Longitude : 77.973195.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1200 kg/ha
- Economic benefit : Rs 44,000/-

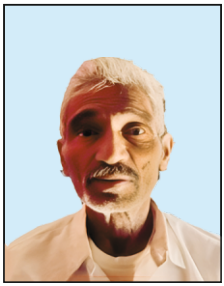
Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.14 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	27/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2100 kg/ha**
Economic Benefit (Net Returns)	**Rs 96,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Ramdas Parihar**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	9770865651
Latitude	:	25.391563.N
Longitude	:	77.991546.E



Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1000 kg/ha
- Economic benefit : Rs 31,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.66 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Vimla Jatav**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	8815455635
Latitude	:	25.390885.N
Longitude	:	77.990094.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.61 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	23/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Pran singh Parihar**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	2nd class
Pin code	:	473660
Mobile No	:	8966893213
Latitude	:	25.388903.N
Longitude	:	77.979750.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 700 kg/ha
- Economic benefit : Rs 42,100/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.50 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPL: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Iimidachloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Panjab singh jatav
Category : SC
Village : Mamoni
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 8817926964
Latitude : 25.387128.N
Longitude : 78.0007403.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 800 kg/ha
- Economic benefit : Rs 18,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2100 kg/ha**
Economic Benefit (Net Returns)	**Rs 96,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Ramshri Parihar**
Category	:	SC
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	9630479446
Latitude	:	25.387233.N
Longitude	:	78.007731.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1300 kg/ha
- Economic benefit : Rs 50,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.87 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes , Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 Lwater
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Mangi Ram Jatav**
Category	:	SC
Village	:	Barodi
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	6261259865
Latitude	:	25.384920.N
Longitude	:	78.007368.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	3.28 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes , Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Sulla Ram Jatav
Category : SC
Village : Barodi
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9109801103
Latitude : 25.386064.N
Longitude : 78.007361.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 700 kg/ha
- Economic benefit : Rs 11,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.50 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Success Stories of ST Farmers

Farmer's General Information:

Name	**:**	**Rampyari Adivasi**
Category	:	ST
Village	:	Mamoni
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9039171537
Latitude	:	25.388322.N
Longitude	:	77.975625.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1300 kg/ha
- Economic benefit : Rs 55,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.97 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 Lwater
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Misro Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	8817665309
Latitude	:	25.385056.N
Longitude	:	77.983065.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1400 kg/ha
- Economic benefit : Rs 57,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.98 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Sakhi beba
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9399227432
Latitude : 25.388116.N
Longitude : 77.975318.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.25 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2100 kg/ha**
Economic Benefit (Net Returns)	**Rs 96,500/-**
Harvesting methods	By Thresher.
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Ramesh Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9303909640
Latitude	:	25.385227.N
Longitude	:	77.982158.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	2.0 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Durjan Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9238569684
Latitude : 25.382422.N
Longitude : 77.968506.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner: Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Mukhi Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	7898102548
Latitude	:	25.385721.N
Longitude	:	77.983599.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1100 kg/ha
- Economic benefit : Rs 37,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.80 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	28/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2 For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Rakesh Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	1st class
Pin code	:	473660
Mobile No	:	9340169531
Latitude	:	25.393524.N
Longitude	:	77.969537.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.41 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes , Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Gajraj Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	6266409935
Latitude	:	25.380419.N
Longitude	:	77.969646.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	2.0 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2300 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,09,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Ashok Kumar Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9981906407
Latitude : 25.381008.N
Longitude : 77.970406.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.38 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes , Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Iimidachloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiomithoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Puniya Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9303246624
Latitude : 25.385797.N
Longitude : 77.983026.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1000 kg/ha
- Economic benefit : Rs 96,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	1.96 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	**:**	**Guddi Bai Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9329032175
Latitude	:	25.382990.N
Longitude	:	77.969369.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 600 kg/ha
- Economic benefit : Rs 5,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	4.3 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Balkrishan Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 8319078611
Latitude : 25.380421.N
Longitude : 77.970561.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	2.06 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK:12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Sona Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9202451401
Latitude : 25.390361.N
Longitude : 77.973100.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 2000 kg/ha
- Economic benefit : Rs 96,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	1.96 ha
Soil type	Red
Variety	TAG 73
Crop rotation (yes/no)	Yes -Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30x10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with 3 g. Mancozeb/kg. Seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2100 kg/ha**
Economic Benefit (Net Returns)	**Rs 96,500/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat3
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Jashrath Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 8279957785
Latitude : 25.384251.N
Longitude : 77.982590.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 800 kg/ha
- Economic benefit : Rs 18,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Ramjilal Adivasi
Category : ST
Village : Mamoni Khurd Salaiya
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9219436739
Latitude : 25.392249.N
Longitude : 77.971063.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1200 kg/ha
- Economic benefit : Rs 44,000/-

Technology given by IIGR: New Variety (Girnar 4)

Package of practices being followed:

Total land area	0.70 ha
Soil type	Red
Variety	Girnar-4
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Imrat Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9238210954
Latitude	:	25.385227.N
Longitude	:	77.982158.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1400 kg/ha
- Economic benefit : Rs 57,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.90 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Parvat Singh Adivasi
Category : ST
Village : Mamoni Khurd
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9662678596
Latitude : 25.384865.N
Longitude : 77.983975.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1000 kg/ha
- Economic benefit : Rs 31,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.77 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1. Seed Treatment with Mancozeb 3 g/kg seed. 2. For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability
Anysuggestions from farmers' side	Low Fertilizer And Pesticides

Farmer's General Information:

Name	**:**	**Janaki Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	7747915049
Latitude	:	25.383020.N
Longitude	:	77.974640.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1500 kg/ha
- Economic benefit : Rs 63,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	2.3 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	26/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Sheela Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	9981906407
Latitude	:	25.390453.N
Longitude	:	77.972291.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1400 kg/ha
- Economic benefit : Rs 57,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	0.60 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	27/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2150 kg/ha**
Economic Benefit (Net Returns)	**Rs 99,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name : Shila Adivasi
Category : ST
Village : Mamoni
Taluka : Karera
District : Shivpuri
State : Madhya Pradesh
Education : Lkg class
Pin code : 473660
Mobile No : 9303909640
Latitude : 25.389281.N
Longitude : 77.974664.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1800 kg/ha
- Economic benefit : Rs 83,000/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	2.0 ha
Soil type	Alluvial
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	24/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2200 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,03,000/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

Farmer's General Information:

Name	:	**Ramdin Adivasi**
Category	:	ST
Village	:	Mamoni Khurd
Taluka	:	Karera
District	:	Shivpuri
State	:	Madhya Pradesh
Education	:	Lkg class
Pin code	:	473660
Mobile No	:	8234036152
Latitude	:	25.392926.N
Longitude	:	77.970118.E

Conventional Farming Practice:

- Crop : Groundnut
- Variety : TG37A
- Yield : 1700 kg/ha
- Economic benefit : Rs 76,500/-

Technology given by IIGR: New Variety (TAG 73)

Package of practices being followed:

Total land area	2.72 ha
Soil type	Red
Variety	TAG-73
Crop rotation (yes/no)	Yes, Groundnut-Wheat
Sowing date	25/06/2025
Seed rate (kg/ha)	125 kg
Spacing (cm)	30 x 10 cm
Fertilizer or micronutrients used (NPK kg/ha)	NPK: 12.5-25-50 kg/ha
Integrated Disease Management	1.Seed Treatment with Mancozeb 3 g/kg seed. 2.For Rust & Tikka-Hexaconazole @ 20 ml/10 L water
Integrated Pest Management	Sucking pest: Seed treatment with Imidacloprid 600 FS 3 g/kg seed and or Imidacloprid 17.8% SL and Thiamethoxam 25 WG (4-5 ml/10 L of water) Leaf miner : Spraying of Dichlorvos 0.08% (5 ml/ 10 L of water)
No. of irrigations	2
Weed control	Imazethapyr
Yield(kg/ha)	**2350 kg/ha**
Economic Benefit (Net Returns)	**Rs 1,12,750/-**
Harvesting methods	By Thresher
Cropping sequences	*Kharif* groundnut – *Rabi* wheat
Any other technology adopted	No
Farmer opinion on technology	Very Good variety and highly production ability

स्वास्थ्य से समृद्धि

भाकृअनुप–आईआईजीआर