



# KRISHI

A NEWSLETTER  
by

KRISHI CARE & MANAGEMENT SERVICES PVT LTD

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*This issue highlights the dynamic landscape of Indian agriculture, where pivotal policy shifts, technology-driven modernization, and strategic procurement initiatives converge. Discover how GST rate cuts, the push for self-sufficiency in pulses, the development of homegrown fertiliser technology, and successful models of sustainable farming are enhancing farmer profitability, bolstering national food security, and defining the future resilience of the agricultural sector.*

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## GST Council Slashes Rates on Farm Machinery and Fertilizers

The GST Council has approved significant rate reductions on a range of essential goods and equipment, providing substantial relief to the rural economy. The GST on tractors (under 1800cc), various farm machinery, and accessories like tyres and hydraulic pumps has been reduced to 5%. Rates on fertilizer raw materials (such as ammonia and sulphuric acid), bio-pesticides, and micronutrients were also lowered to 5%. These reductions are expected to stabilize fertilizer prices, accelerate farm mechanization, and make key protein sources like butter and ghee more affordable by reducing their GST to 5%.

Source: <https://krishijagran.com/news/gst-council-slashes-rates-on-tractors-fertilisers-and-dairy-bringing-relief-to-farmers-and-boost-to-rural-economy/>

## Record Fish Harvests and Livelihoods Created Under PMMSY

The Pradhan Mantri Matsya Sampada Yojana (PMMSY) recently marked its five-year milestone, driving the "Blue Revolution" in India's fisheries sector. The scheme, now extended up to 2025–26, was initially approved with a ₹20,050 crore total investment. Project approvals have surpassed the initial budget, reaching over ₹21,274 crore.

India's fisheries surged to a record 195 lakh tonnes in 2024–25, driven by the PMMSY scheme. The program created 58 lakh livelihoods and empowered 99,018 women, while successfully promoting modern methods like biofloc fish farming.

Source: [https://www.pib.gov.in/PressNoteDetails.aspx?id=155173&No\\_teld=155173&ModuleId=3](https://www.pib.gov.in/PressNoteDetails.aspx?id=155173&No_teld=155173&ModuleId=3)



## NITI Aayog Plans for Pulse Self-Sufficiency and Production Growth

The government think-tank NITI Aayog has released a detailed strategic roadmap aimed at achieving self-sufficiency (Atmanirbharta) in pulse production by 2030. The plan further sets an ambitious goal to nearly double pulse production by 2047, with domestic supply projected to reach 34.45 million Tonnes (MT) by 2030. The strategy is anchored on expanding cultivation areas and enhancing productivity through modern methods. Key recommendations include adopting climate-smart technologies, distributing high-quality seeds, and focusing



interventions on 111 high-potential districts through targeted clustering. This concerted intervention aims to bridge the demand-supply gap and solidify India's nutritional security.

Source: <https://www.thehindu.com/news/national/niti-aayog-recommends-multiple-strategies-to-enhance-pulses-production/article70013235.ece>



### **Government Sanctions ₹13,890 Crore for Kharif Pulses and Oilseeds Procurement**

The government has approved a significant sanction of ₹13,890 crore for the procurement of Kharif pulses and oilseeds under the Price Support Scheme (PSS). This substantial funding is targeted for the 2025–26 marketing season specifically in the states of Uttar Pradesh and Gujarat. The measure is designed to ensure that farmers receive remunerative prices for their produce, which is a critical step in boosting domestic cultivation and reducing India's dependence on imports for these commodities. By strengthening the PSS mechanism, the government is providing a stable safety net to farmers,

encouraging them to expand acreage for key crops and supporting the national goal of agricultural self-sufficiency.

Source: <https://krishijagran.com/news/govt-approves-rs-13-890-crore-procurement-of-pulses-and-oilseeds-in-up-gujarat-for-kharif-2025-26/>

### **DFPD and FCI Sign MoU to Modernize Foodgrain Management System**

The Department of Food and Public Distribution (DFPD) and the Food Corporation of India (FCI) have signed a Memorandum of Understanding (MoU) for the Financial Year 2025–26. This agreement sets forth clear performance targets and specific modernization goals aimed at significantly enhancing the efficiency and accountability of the national foodgrain management system. The key objectives mandate the increased adoption of technology-driven solutions, optimizing warehousing capacity, and reducing critical storage losses across the supply chain. This strategic focus on digitization ensures maximum transparency and cost-effectiveness in the use of public funds allocated for food subsidy operations, strengthening the country's overall food security framework.

Source: <https://krishijagran.com/news/dfpd-and-fci-ink-mou-to-modernise-foodgrain-management/>

### **Government Reinforces Commitment to Agricultural Export Growth**

The Ministry of Agriculture & Farmers Welfare has issued a statement



reinforcing its commitment to strengthening agricultural exports and increasing India's share in global trade. The strategy focuses on a multi-pronged approach to encourage investment and improve competitiveness. Key areas of intervention include developing modern infrastructure for efficient logistics and supply chains, enhancing rigorous quality improvement and compliance mechanisms, and providing financial assistance for export promotion activities. Furthermore, a strong emphasis is being placed on attracting investment into high-value processed products to move beyond the export of raw commodities. This concerted effort is part of the government's larger goal to boost farmer income and expand the country's reach into new international markets, supporting the sector's long-term growth objectives.

Source: <https://www.pib.gov.in/PressNoteDetails.aspx?id=155267&NoTelId=155267&ModuleId=3>



### Farmers' Fair Turns to Fight for Flood Relief in Punjab

The aftermath of devastating floods across Punjab has cast a shadow over

agricultural recovery efforts. While Ludhiana's commercial associations have rallied in solidarity, offering essential supplies, rescue equipment, and logistics aid to affected communities, farmers are voicing severe distress. Farmers along the Beas and Ravi rivers, whose crops were ruined by floodwaters up to 15 feet deep, are demanding permanent solutions. Frustrated by temporary measures and slow compensation, some farmers are even offering to sell portions of their land to the government for the construction of stronger, permanent embankments. Traders acknowledge that rebuilding livelihoods will require sustained effort, lasting months or even years.

Source: <https://timesofindia.indiatimes.com/city/ludhiana/farmers-fair-turns-fight-for-flood-relief/articleshow/124167448.cms>

### Animal Agriculture Growth Clouded by Feed Crunch and US Tariffs

India's critical animal agriculture sector faces significant headwinds stemming from rising feed costs, low farm productivity, and trade tariffs. The sector, where feed accounts for nearly 80% of total product cost, is experiencing a feed crunch due to the diversion of approximately 8–9 million metric tons of corn toward ethanol production under the E20 policy. Furthermore, India's low farm productivity (3–3.5 MT per hectare) compared to global leaders (11–12



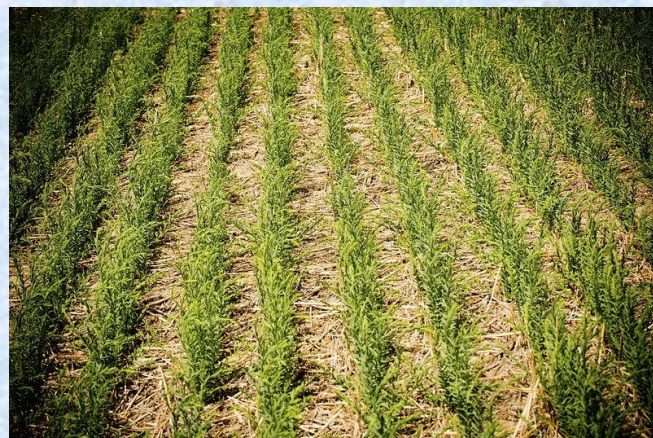
MT/ha) restricts the availability of raw materials needed to sustain the industry's 8–10% annual growth. Additionally, shrimp exports face a projected 50% hit due to new US tariffs, making the immediate priorities the development of a strong domestic market and the exploration of zero-duty export routes, such as the India–UK Free Trade Agreement.

Source: [https://m.economictimes.com/small-biz/sme-sector/feed-crunch-low-productivity-and-tariffs-cloud-indias-animal-agriculture-growth-clfmas-divya-kumar-gulati/articleshow/124180666.cms?utm\\_source=chatgpt.com](https://m.economictimes.com/small-biz/sme-sector/feed-crunch-low-productivity-and-tariffs-cloud-indias-animal-agriculture-growth-clfmas-divya-kumar-gulati/articleshow/124180666.cms?utm_source=chatgpt.com)

### **Tech Manager's Journey to Chemical-Free Living Provides New Farm Model**

The inspiring story of Isha Singal, a former program manager, highlights a successful transition from the high-tech sector to chemical-free farming using the principles of permaculture. Driven by a desire for food safety, she transformed barren land into a self-sustaining, thriving ecosystem. Her farm uses cow-based inputs and green manure, demonstrating that a balanced and highly productive system can be maintained without relying on expensive chemical fertilizers and pesticides. This model offers valuable insights for farmers seeking to adopt a healthier, low-input approach while creating a balanced ecosystem.

Source: <https://krishijagran.com/success-story/from-coding-to-growing-food-a-mothers-journey-to-chemical-free-living/>



### **Mindfulness and Sustainable Farming Combat Farmer Distress**

On World Suicide Prevention Day, the story of Vidarbha, Maharashtra, demonstrated how integrated efforts in mental health and farming have successfully addressed a crisis in rural communities. Interventions combined stress-relief programs, including breathing and meditation techniques, with practical training in natural farming. This holistic approach not only built emotional resilience but also restored economic stability by cutting farmers' dependence on expensive chemical inputs and debt, thereby reducing psychological stress.

Source: <https://krishijagran.com/success-story/world-suicide-prevention-day-how-mindfulness-and-sustainable-farming-saved-thousands-of-lives/>

### **GST Reforms in Agriculture**

The government's GST reforms across the agricultural value chain are focused on farmer welfare and rural growth. The cost of farm machinery has dropped significantly, with GST on Tractors and



many components reduced to 5% (from 12% and 18%). This makes modern equipment, including sprinklers and harvesting machinery, more affordable, promoting water-saving and reducing manual labour. Critical input costs are also down: Major fertilizer raw materials and bio-pesticides saw GST fall to 5%, correcting inverted duty structures and actively encouraging eco-friendly practices under the Natural Farming Mission.

Source: <https://www.pib.gov.in/FactsheetDetails.aspx?id=149269&NoTelId=149269&ModuleId=16>

### **Clean Plant Programme to Combat Systemic Diseases**

A government note details the progress of the Clean Plant Programme (CPP), a major initiative aimed at ensuring the widespread availability of virus-free, high-quality planting material for key horticultural crops. The program is critical for boosting farmers' productivity and profitability, which are often reduced by systemic pathogens like viruses. The plan involves establishing 9 Clean Plant Centres across the country, developing modern nurseries, and aligning with the Mission for Integrated Development of Horticulture (MIDH). These steps will significantly improve the quality of produce and strengthen India's global reputation as a quality exporter.

Source: <https://www.pib.gov.in/PressNoteDetails.aspx?id=155249&NoTelId=155249&ModuleId=3>



### **Ek Ped Maa ke Naam- Drive**

Union Environment Minister Shri Bhupender Yadav led a national tree plantation drive in New Delhi under the 'Ek Ped Maa Ke Naam 2.0' campaign, part of the Seva Pakhwada. The campaign is a symbolic tribute, urging citizens to plant a tree in the name of Mother Earth. He stressed on the nation's commitment to environmental conservation. The event featured wide participation, including the Chief Minister of Delhi and approximately 70 Diplomats from various countries.

Source: <https://www.pib.gov.in/PressReleaseDetail.aspx?PRID=216799>

### **Government Schemes Offer Up to 50% Subsidy for Polyhouse Farming**

The Central government is aggressively promoting Polyhouse (protected) cultivation through key initiatives, including the National Horticulture Board (NHB) and the Mission for Integrated Development of Horticulture (MIDH). These schemes offer substantial financial assistance, providing up to 50%



subsidy on the total project cost for commercial horticulture, with a cap of ₹56 lakh. Polyhouse farming allows growers to cultivate high-value crops like exotic vegetables and flowers year-round in a carefully controlled environment. This strategic support minimizes crop losses from erratic weather and enables farmers to consistently produce high-quality output that meets strict international market standards.

Source: <https://krishijagran.com/blog/polyhouse-farming-govt-schemes-offer-up-to-rs-56-lakh-to-help-farmers-grow-high-value-crops-year-round/>

### Global Leaders Gather in Delhi for DialogueNEXT on Farmer-Centric Innovation

Global agricultural leaders, scientists, and high-level policymakers convened in New Delhi for the DialogueNEXT in India conference. The two-day event, themed "Take it to the Farmer," emphasized the urgent need to move transformative agricultural solutions—such as agri-tech and climate-smart practices—from labs to the fields. The dialogue celebrated India's legacy of innovation while aiming to accelerate breakthroughs and secure the world's food future, particularly by mobilizing support for smallholder farmers across the Global South.

Source: <https://krishijagran.com/news/dialoguenext-2025-global-agricultural-leaders-gather-in-delhi-to-promote-farmer-centric-innovations/>

### Detailed Agricultural Outlook: Kharif, Rabi, and Market Dynamics

Recent reports aggregated from the Unified Portal for Agricultural Statistics (UPAg) provide a detailed and comprehensive analysis of India's crop performance, market conditions, and resource availability for the current and upcoming seasons. The data confirms a mixed but resilient outlook across crop categories. The overall Kharif sowing area is significantly higher than the previous year, with key staples showing robust coverage. Specifically, Rice, Pulses, and Sugarcane have shown positive trends in area sown compared to the last season. Official data from the All India Estimates of Area, Production, and Yield (APY) provides concrete production figures. The Third Advance Estimates for 2024-25 show sustained high output in major food grains:

- Rice output is estimated at 1,490.74 Lakh Tonnes (LT).
- Wheat production is calculated at 1,175.07 LT.
- Maize production is recorded at 422.81 LT. This data allows users to track comprehensive trends, noting changes in Area, Production, and Yield across Kharif, Rabi, and summer seasons.



Despite strong production figures, significant market concerns persist. Wholesale Mandi prices for several major Kharif commodities are currently trading below their Minimum Support Prices (MSP). This market pressure is notable across pulses and oilseeds, with crops like Arhar, Moong, Urad, Groundnut, and Soyabean all recording prices lower than the MSP, with deviations reaching up to 16% in some cases. Looking ahead to the next cycle, the outlook for the Rabi season is positive. Sowing for Rabi crops saw a 1.5% increase Year-on-Year. This growth was primarily led by key staples such as Wheat and Pulses. Resource availability remains a crucial support, as national reservoir storage levels are substantially higher compared to the corresponding period last year, and fertilizer availability is reported as comfortable for the ongoing season.

Source1:[https://upag.gov.in/pdf-reports?url=https%3A%2F%2Fstorage.googleapis.com%2Fupag-10-128-23-3%2FMIR-Reports-Crop-Outlook%2FI\\_17585420077265432\\_Crop%2C\\_Rainfall%2C\\_Reasvior\\_compressed.pdf](https://upag.gov.in/pdf-reports?url=https%3A%2F%2Fstorage.googleapis.com%2Fupag-10-128-23-3%2FMIR-Reports-Crop-Outlook%2FI_17585420077265432_Crop%2C_Rainfall%2C_Reasvior_compressed.pdf) Source2:<https://upag.gov.in/crop-production>



## Study Finds Small Farms More Productive in Semi-Arid Tropics

A study conducted by researchers from IIT Bombay and the University of Hyderabad found that small farms were more productive than large farms in India's semi-arid tropics. The research confirms that farm productivity largely depends on external factors, such as farmers' access to credit, appropriate technologies, and reliable markets, rather than on the size of the landholding itself. This insight underscores the continuing importance of smallholders for national food security and emphasizes the need for targeted policy interventions to strengthen their market access.

Source:<https://www.thehindu.com/sci-tech/agriculture/small-farms-are-more-productive-than-large-farms-finds-study/article70046353.ece>

## Asian PAPIR Society Concludes National Conference in Jammu

The 10th Asian PAPIR Society India Chapter National Conference concluded in Jammu, serving as a platform for agricultural experts and scientists. The event focused on discussing the latest research and development within the agricultural sector. A new executive committee for the society was formally announced during the conference, set to serve the 2025–2027 term.



Source: <https://krishijagran.com/news/10th-asian-pgpr-society-india-chapter-national-conference-concludes-in-jammu-new-executive-committee-announced-for-2025-2027/>

## Digital Leap for Agriculture focuses on AI and Data Integration

The government has issued a detailed press note emphasizing the transformation of the agricultural sector using large-scale digital integration. The strategy aims to streamline the journey "From Seed to Market" by leveraging tools like Artificial Intelligence (AI), Internet of Things (IoT), and Drones to enhance efficiency and productivity. The Kisan e-Mitra AI Chatbot is a key component, handling over 20,000 farmer queries daily in 11 regional languages, removing language barriers for crucial scheme information. Furthermore, substantial financial assistance is being provided for drone purchases to Farmer Producer Organizations (FPOs) and Custom Hiring Centres (CHCs) to promote mechanization and make advanced technology accessible.

Source: <https://www.pib.gov.in/PressNoteDetails.aspx?id=155146&NoTelId=155146&ModuleId=3>

## National Rabi Abhiyan Sets 362.5 MT Target

The 'National Agriculture Conference – Rabi Abhiyan 2025' was held in Delhi under Shri Shivraj Singh Chouhan. A production target of 362.50 million tonnes was set for 2025–26, following a record harvest of 353.96 million tonnes

in 2024–25. Shri Chouhan emphasized that the conference exemplifies 'One Nation – One Agriculture – One Team' collaboration. Deliberations focused on six key issues, including climate resilience and quality seeds, aiming to create individual State/UT roadmaps to boost pulses and oilseeds productivity. The Minister also assured continued support for flood-affected States. A 'Viksit Krishi Sankalp Abhiyan' will launch on October 3 to strengthen the 'Lab to Land' initiative.

Source: <https://www.pib.gov.in/PressReleaseDetail.aspx?PRID=2167249>



## India Achieves Breakthrough with First Homegrown Water-Soluble Fertiliser Technology

India has successfully developed its first indigenous technology for producing water-soluble speciality fertilisers, a breakthrough achieved after seven years of intensive research. This innovation, backed by the Ministry of Mines, is deemed a significant "Make in India" success that could substantially reduce the country's dependence on Chinese imports, which currently account for 80-



95% of supply. The new technology is environmentally sound, utilizing a zero-effluent and emission-free process, and requires only a single platform to produce various fertiliser types. Commercial production is expected to be scaled up within two years, positioning India as a potential exporter in the global market.

Source: <https://agrinews.in/india-develops-first-homegrown-water-soluble-fertiliser-technology/>

### **PM Inaugurates World's First Bamboo-Based Bioethanol Plant in Assam**

Prime Minister Narendra Modi inaugurated the world's first second-generation, bamboo-based bioethanol plant at the Numaligarh Refinery Limited (NRL) in Assam. The facility, valued at ₹5,000 crore, is part of a national push toward green energy and reducing reliance on imported crude oil. The plant will source a significant amount of green bamboo annually from four northeastern States. The government plans to make an annual investment of approximately ₹200 crore in the sector to support local farmers and tribal communities engaged in bamboo cultivation, significantly boosting the region's rural economy.

Source: <https://krishijagran.com/news/bioethanol-plant-inaugurated-in-assam-pm-modi-says-bamboo-farmers-to-benefit-from-rs-200-crore-annual-investment/>

### **Mahindra Launches Advanced Compact Sprayer for Orchard Crops**

Mahindra Farm Equipment Business has launched the AIROTEC Turbo 600 Alpha, a high-performance, compact, and advanced air-assisted sprayer. This specialized equipment is designed specifically for orchard crops such as grapes and pomegranates, which require precise and uniform application. The sprayer effectively ensures crucial chemical coverage while simultaneously helping farmers reduce overall chemical consumption and labour costs. Its precision features and compact design make it a valuable mechanized solution for optimizing crop care, directly supporting healthier yields and better-quality produce in the growing horticulture sector.

Source: <https://krishijagran.com/industry-news/mahindra-launches-airotec-turbo-600-alpha-advanced-compact-sprayer-for-orchard-crops/>



### **PAU Wheat Variety PBW 826 Retains Title as India's Highest-Yielding Wheat**

The wheat variety PBW 826, developed by the Punjab Agricultural University (PAU), has once again been recognized as the country's highest-yielding variety.



It secured the top position in the prestigious All India Coordinated Varietal Trials (AICVT) for the 2024-25 crop season. This success reaffirms its superior performance across major wheat-growing zones, including both the North Western and North Eastern Plains. The variety has been widely adopted by farmers due to its robust productivity, demonstrated climate resilience, and effective resistance to yellow and brown rust diseases. Officials estimate that this variety provided fiscal benefits of approximately ₹1,280 crore to farmers in Punjab alone in the recent season.

Source: <https://krishijagran.com/news/pau-s-pbw-826-retains-top-spot-as-india-s-highest-yielding-wheat-variety/>

### **CropLife India Charts Roadmap for \$1 Trillion Agri-Economy by 2047**

CropLife India hosted its National Conference 2025 themed “Viksit Bharat 2047 – One Trillion Contribution by Agriculture to the Economy: Role of the Crop Protection Industry” on September 26. The conference underscored the ambition to transform agriculture into a \$1 trillion contributor to the Indian economy by the nation’s centenary year. The crop protection industry is vital to this goal, as India currently loses crops worth ₹2 lakh crores annually to pests and diseases. Despite this, India's pesticide use (400 grams per hectare) is low compared to the global average (8,000 grams/ha). The industry

committed to supporting this vision through responsible innovation, integrated pest management, and science-driven solutions to enhance productivity and exports.

Source: [https://www.global-agriculture.com/agriculture-industry/croplife-india-charts-roadmap-to-1-trillion-agri-economy-at-national-conference-2025/?utm\\_source=chatgpt.com](https://www.global-agriculture.com/agriculture-industry/croplife-india-charts-roadmap-to-1-trillion-agri-economy-at-national-conference-2025/?utm_source=chatgpt.com)

### **Stubble Burning Spikes in Punjab; Farmers Link Fires to Flood Distress**

Crop residue burning has emerged as a major hurdle in Punjab, with the state accounting for 85% of farm fire cases in five North Indian states during the season's start. Districts Amritsar and Tarn Taran are primary hotspots, together making up 70% of Punjab's total incidents. The state government is enforcing strict actions, registering multiple FIRs and marking 'red entries' on violators' land records. However, many farmers expressed anger, arguing that officials are quick to penalize stubble burning but slow to provide relief or assess losses from the recent devastating floods. The administration has identified over 600 hotspot villages where these events were frequently recorded last year, necessitating a sustained effort to enforce residue management.

Source: <https://timesofindia.indiatimes.com/city/chandigarh/max-farm-fires-in-2024-in-punjab-over-600-hotspot-villages-pose-big-hurdle/articleshow/124168633.cms>





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