



beeJ^{ki} baat
voice of the seed



EDITION FEBRUARY 2025



**Raghavan
Sampathkumar
Executive Director**

Dear Members,

As we end February, we are excited to share a rich tapestry of stories and insights in this month's newsletter. From preserving native seed varieties to pioneering hi-tech cultivation methods, the advancements in agriculture are truly inspiring. Our focus on biotechnological innovations, such as gene editing and climate-resilient crops, promises a sustainable future for our agrifood systems. We recently hosted two successful biotechnology workshops in Raichur and Guntur, where we explored key developments and advancements in agriculture. We are eager to expand these conversations to more states in the coming months. Additionally, our media and outreach efforts are thriving, enabling us to connect with a broader audience and amplify these crucial discussions. Join us in celebrating these achievements and exploring the challenges and opportunities that lie ahead.

FSII In News

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SANGBAD
www.sangbad365.com

Budget : কেন্দ্রীয় বাজেট ২০২৫-২৬ ভারতীয় কৃষির পুনরুজ্জীবনের বাবে এটা দৃঢ় পদক্ষেপ

বিজ্ঞান, প্রযুক্তি, উন্নয়ন, পরিবেশ, স্বাস্থ্য, কৃষি ক্ষেত্রে যত্ন সহকারে অর্থ বরাদ্দে অর্থ মন্ত্রণালয় ভারত সরকারের বাজেট প্রকাশ করেছে। বিজ্ঞান, প্রযুক্তি, উন্নয়ন, পরিবেশ, স্বাস্থ্য, কৃষি ক্ষেত্রে অর্থ বরাদ্দে অর্থ মন্ত্রণালয় ভারত সরকারের বাজেট প্রকাশ করেছে। বিজ্ঞান, প্রযুক্তি, উন্নয়ন, পরিবেশ, স্বাস্থ্য, কৃষি ক্ষেত্রে অর্থ বরাদ্দে অর্থ মন্ত্রণালয় ভারত সরকারের বাজেট প্রকাশ করেছে।

#FsiInNews
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AgroSpectrum
www.agrospectrum.com

Union Budget boosts agri-biotech: Experts call for regulatory reforms and high-yield & resilient crops

FsiI leadership shared their insights on the Union Budget 2025-26

FsiI supported the workshop on "Biotechnology Applications for Crop Improvement: Key Developments

INDIA



Budget 2025 Allocates Rs 5272 Crore for Textiles, Launches Cotton Mission to Boost Farmer Income and Cotton Supply

One of the most notable initiatives in this Budget is the launch of a five-year Cotton Mission aimed at addressing the challenges of stagnant cotton productivity, particularly in extra-long staple varieties.

[Read full article...](#)



[Farmer saves over 1,000 varieties of native vegetable seeds](#)



[Gujarat Farmer undertakes Hi-Tech Banana Cultivation and Tissue Culture Technology](#)



[Indian coffee brews global demand fuelling surge in exports](#)



[Farmers told to shift from conventional method to tech-intensive farming for profitability](#)



[Integrated approach must for increasing millet production](#)



[Rise in Spurious Agricultural Inputs: Seeds, Fertilizers, and Pesticides Found Sub-Standard in 2023-24](#)

GLOBAL



Public opinion outweighs knowledge: A dual-process framework for understanding acceptance of genetic modification

Communication research about scientific topics was mostly focused on the deficit model, wherein it is believed that more scientific understanding leads to public acceptance. The researchers analyzed the data and their findings revealed positive and significant correlations between scientific knowledge or perceived majority opinion and GM support, mediated by risk/benefit perceptions.

[Read full article...](#)



[Is Agroecology \(at scale\) the Future of our Agrifood Systems?](#)



[How Proper Seed Certification Protects Both Farmers and Food Security](#)



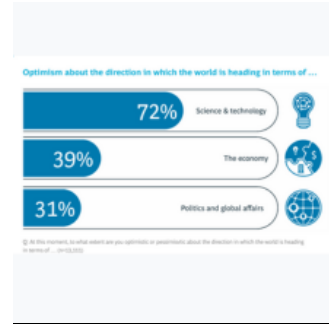
[China approves 17 more gene-edited crop varieties](#)



[CABBI Researchers Deliver Oil-Rich Sorghum](#)



[Impact of Technological Innovation on Global Crop Export Trade](#)



[Global Survey Reveals Public Sentiment Towards Transformative Technologies in Health and Agriculture](#)

RESEARCH



Gene-edited soil bacteria could provide third source of nitrogen for corn production

A recent study shows that gene-edited bacteria can supply the equivalent of 35 pounds of nitrogen from the air during early corn growth, which may reduce the crop's reliance on nitrogen fertilizer. The edited versions boost the activity of a key gene involved in nitrogen fixation, making more of it available to plants. When applied at planting, the bacteria colonize plant roots, delivering the nutrient where it is needed most.

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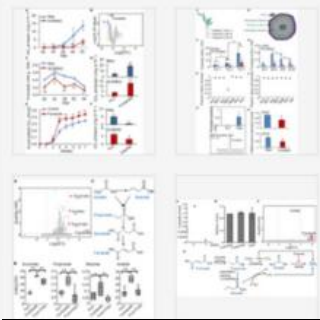
[Research into Alfalfa's Salt Tolerance](#)



[Gene editing for climate- resilient crops](#)



[Breeding Rice to Withstand High Nighttime Stress](#)



[High-yield Rice Emits up to 70% Less Methane](#)



[Gene Editing Generates Cabbage with Broad-Spectrum Disease Resistance](#)



[University of Nevada, Reno researcher develops potential game-changing sorghum varieties for dairy feed and gluten-free human nutrition](#)

From The Secretariat



Workshop on Biotechnology Applications for Crop Improvement: Key Developments



Panel discussion on post budget analysis attended by Dr. Venkatram Vasantavada, Director FSII

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For more information about Federation of Seed Industry of India visit www.fsii.in

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