beej ki baat

voice of the seed

EDITION JANUARY 2024

Raghavan Sampathkumar
Executive Director

Greetings,

Welcome to the latest edition of Beej ki baat, where we explore the world of farming and how science is helping it grow.

This time, we're looking at how new ideas in farming, science, and seeds are shaping the way we grow our food. Our goal is to share knowledge and bring people together who care about making farming better for the planet. Find out how new ways of improving crops are making them stronger and more productive. We'll also uncover the ways science is changing the things farmers do to grow our food, showing the potential for positive change in agriculture.

Think of us as your friendly guide, here to share interesting and easy-to-understand insights. Let's build a community that appreciates the connection between farming, science, and the importance of good seeds. Together, we're planting the seeds for a healthier and more sustainable future, where possibilities for better agriculture are as vast as the fields we explore.

Stay tuned with us and follow our official LinkedIn and Instagram channels that were launched recently.

Warm regards,
Raghavan Sampathkumar

INDIA

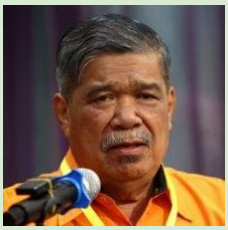
IRRI-BMGF-PAU collaborate on the Dry Direct Seeded Rice Systems Project for the Indo-Gangetic Plains of India

The International Rice Research Institute (IRRI) co-organized an event with the Punjab Agricultural University (PAU) to launch its project Plant Direct - Dry direct seeded rice (DDSR) for the Indo-Gangetic Plains of India in partnership with the Indian Council of Agricultural Research (ICAR). This project is supported by a grant to IRRI from the Bill & Melinda Gates Foundation.

Read full article...

[India: Agricultural Biotechnology Annual]

[Setting up special courts to expedite agri-related cases]



[Onion supply sufficient despite India's export ban, says Mat Sabu]

[Researchers engineer rice microbiome to reduce pesticide use]

GLOBAL

Scientists note feeding growing population during climate change requires biotechnology

By 2049, our global population will reach ~9 billion people. Pests, diseases and adverse environmental conditions are impacting crops across the globe, compounding the issue of feeding a growing population. Traditional breeding techniques have enabled scientists and farmers to develop many varieties of plants and livestock tailored for specific agricultural or commercial purposes. Technologies such as genomic sequencing are helping to enhance these methods further. However, traditional breeding techniques can still take years to produce results. Genetic engineering and gene-editing tools are by no means a panacea for the time-sensitive agricultural and food-related challenges we face – but they could help, if given the opportunity.

Read full article...

APHIS Releases Review Results of 12 Improved Plants

Hula Sets World Corn Yield Record with 623 Bushels per Acre

USDA notes Argentina remains at forefront of biotech production

Opinion: 3 ways to transform agriculture into a climate solution

RESEARCH

How scientists are helping plants get the most out of photosynthesis

Scientists now have the knowledge and the tools to maximise photosynthesis in a range of food crops. Climate change-driven weather such as drought and flooding is destroying crops and threatening crop yields around the world. This research is about making sure we can grow enough food to feed ourselves.

Read full article...

[Gene editing regulates maize flowering and salt response in maize]

[Insect resistance in cotton]

[Chinese ag ministry highlights country's biotech breakthroughs]

[Research on GMO cassava complete and awaits legal approval]

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