



IRRIGATION ASSOCIATION OF INDIA

Newsletter October 2024

Edition Volume IAI/26/19



Autodrip

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Autodrip is an affordable automation solution for drip irrigation, boosting crop yield and quality. It empowers farmers to achieve reliable, high-efficiency irrigation in challenging conditions.



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Flow
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- Prevents human error, leading to savings on labor and electricity.

Shri Franklin L. Khobung, Joint Secretary (RFS) at the Department of Agriculture & Farmers Welfare, holds a progress review meeting for the RKVY-PDMC scheme.



Shri Franklin L. Khobung, Joint Secretary (RFS/NRM), Department of Agriculture & Farmers Welfare (DA&FW) convened a Progress Review Meeting with State Nodal Agencies (SNA) to review and assess state performances, progress, and implementation under the Rashtriya Krishi Vikas Yojana (RKVY). The progress review witnessed detailed discussions and deliberations on key issues including fund utilization,

release of additional funds, and progress under the SPARSH Model. The progress review also took note of state performances especially progress and implementation in states under the SPARSH Model - Karnataka, Rajasthan, and Telangana. The Per Drop More Crop (PDMC) Scheme is a Centrally Supported Scheme promoting the adoption of water-efficient Micro-Irrigation technologies, and periodic progress reviews help in streamlining and accelerating implementation in the states.

Shri Kaushal Jaiswal President, IAI Chairs the 2nd Meeting of IAI Executive Committee on 15th October 2024 at Hotel Ramada Chennai

Shri Kaushal Jaiswal, President of the Irrigation Association of India (IAI) and Managing Director of Rivulis India, chaired the 2nd quarter IAI Executive Committee on 15th October 2024 at Hotel Ramada, Chennai. IAI Executive Committee Members, as well as Special Invitees from the Technical Committee and Training & Education Committees, participated in the meeting. Key issues discussed at the meeting included updates on the Project Management Unit (PMU), planning for the 2nd SMART Irrigation Summit and the Conference-Cum-Exhibition in Rajasthan, and future policy advocacy initiatives.



New Appointments:

- Shri Sarvana Kumar – SBU Head Netafim, nominated as Vice President, South
- Shri C.Hariharan, Manager Elgi Ultra Pvt Ltd joined as Member - Executive Committee
- Dr. C. Gopal – MD Flowtech Power, nominated as Chairman of IAI, Tamil Nadu Chapter
- Dr. Murgesan – MD Roots Irrigation, nominated as Co- Chairman of IAI, Tamil Nadu Chapter

IAI announces its 2nd Edition of SMART Irrigation Summit

The Irrigation Association of India announced the 2nd National SMART Irrigation Summit in association with FICCI. The National Summit aims to foster constructive dialogues on the future of SMART Irrigation in India. Focused on enhancing water use efficiency and agricultural productivity, the National Summit will feature interactive sessions, keynote addresses, and panel discussions by technology innovators, industry experts, service providers, business leaders, government officials, and financial institutions on innovations and strategies advancing water efficiency, productivity, and sustainability in agriculture.

Date: 10th December 2024

Time: 10.30 AM -18.00 PM

Venue: FICCI House, Tansen Marg, Delhi

Register link: <https://forms.gle/Qt6SYft6gVTKGDJc6>

IAI Engages in Constructive Discussions on Emerging Micro-irrigation Technologies and the 2nd Edition of SMART Irrigation Summit 2024

Shri. Rajesh Kumar Director and Ms. Anika Bassi, Sr. Manager Irrigation Association of India engaged in constructive discussions with senior representatives of the Embassies of Brazil and Netherlands in India. Our discussions focused on emerging micro-irrigation technologies, market potential, and export opportunities, establishing a promising foundation for collaboration between our countries. The Irrigation Association of India is pleased to extend a formal invitation to the upcoming 2nd National SMART Irrigation Summit, organized in collaboration with FICCI. We look forward to welcoming our guests as we discuss the essential role of smart irrigation in promoting sustainability, improving water efficiency, and ensuring economic viability in the agricultural sector.

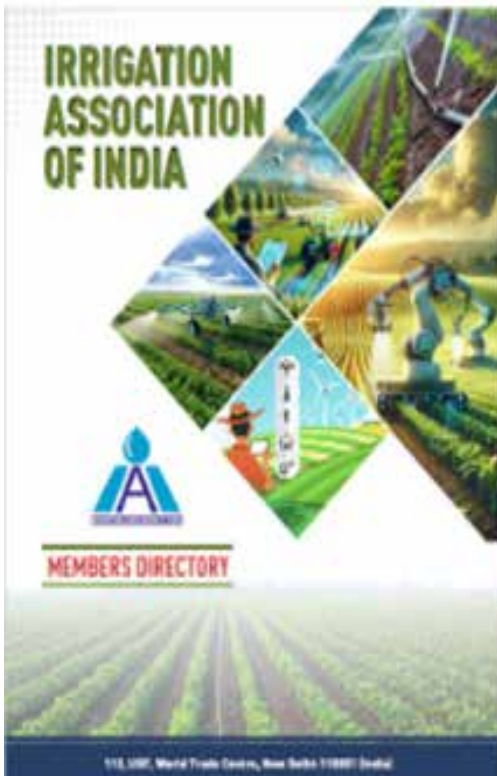


Discussions with key representatives:

- Mr. Angelo Mauricio, Agricultural Attaché, Brazilian Embassy in India
- Mr. Michiel van Erkel, Agricultural Counsellor, Netherlands Embassy in India
- Mr. Dhruv Sharma, Principal Investment Specialist- Agriculture and Food Processing, Invest India

IAI launched the 3rd Edition of the Irrigation Association of India Member Directory on 15th October, 2024 in Chennai

Shri Kaushal Jaiswal, President IAI and Managing Director, Rivulis India Pvt Ltd along with Shri. Saurabh Sangla, Sr. Vice President IAI and Executive Director, Signet Industries Ltd; launched the 3rd Edition of Irrigation Association of India's Member Directory on 15th October 2024 at Hotel Ramada, Chennai. The irrigation industry warmly welcomed the launch of IAI's Member Directory - a comprehensive listing of all our members including micro-irrigation equipment manufacturers, service providers, automation experts, machine manufacturers, raw material suppliers, dealers, and software companies. The Directory is an easy go-to reference for stakeholders in the water sector and is immensely beneficial to all those dedicated to the efficient utilization of water and agricultural sustainability.



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GGRC releases a List of Registered Manufacturers

The Gujarat Green Revolution Company (GGRC) released a list of registered manufacturers for Gujarat on 1st October 2024. The 60 registered companies, comprising manufacturers and suppliers of micro-irrigation systems such as drip and sprinkler systems, will support GGRC in implementing the Centrally Supported Per Drop More Crop (PDMC) Scheme in the state. Gujarat is a water-scarce state, and the integration of water-efficient technologies like micro-irrigation is key to enhancing agricultural productivity, water efficiency, and overall agricultural sustainability.

(Source: <https://ggrc.co.in/documents/AddressofregisteredMISsuppliersason01.10.2024.pdf>)

ADB approves a \$125 Million Financing Package to Deliver Irrigation Water in Nepal

The Asian Development Bank (ADB) approved a \$125 million financing package to deliver irrigation water to rural communities in Nepal. Under the Mechanized Irrigation Innovation Project, a network of deep tube wells equipped with pump houses, underground pressurized pipes, micro-irrigation systems, prepaid smart-cards and a dedicated electricity distribution network is being built. The Mechanized Irrigation Innovation Project is a new approach to irrigation water management with the advanced technologies introduced to ensure sustainable resource use and asset management.



(Source: <https://theprint.in/world/adb-approves-125-million-for-irrigation-project-in-nepal/2300528/>)

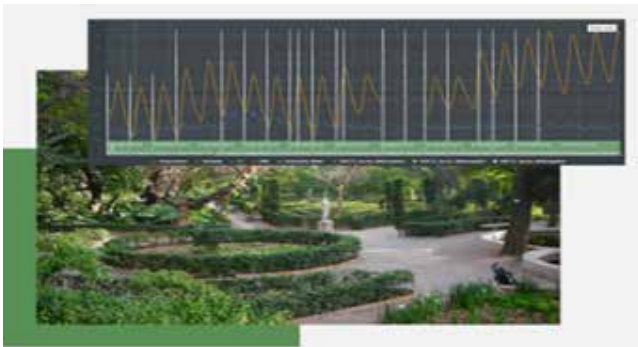
Water in Agriculture: Strategies for More Efficient Crop Production

With a growing water shortage, farmers globally are rethinking strategies to optimize water use. Smart farming provides innovative, sustainable practices that prioritize water efficiency. Smart irrigation systems use sensors and automated controls to deliver water directly to plant roots, and data collected from these systems helps farmers make informed decisions about water application.



(Source:<https://smartwatermagazine.com/news/eos-data-analytics/water-agriculture-strategies-more-efficient-crop-production>)

Data Integration, Key to the Future of Smart Irrigation



The agricultural sector needs a major transformation to tackle water scarcity, rising costs, and competitiveness. Data integration, driving digital transformation, empowers irrigation associations to adopt tech solutions for sustainability. Integrated water cycle management, aided by remote sensors, IoT, AI, and data analytics, optimizes irrigation, improves water efficiency, and enables proactive, automated system management.

(Source:<https://www.idrica.com/blog/data-integration-key-to-the-future-of-smart-irrigation/#:~:text=In%20addition%2C%20data%20integration%20brings,contributes%20positively%20to%20environmental%20sustainability.>)

Union Cabinet Approves PM-RKVY

The Union Cabinet, chaired by Hon. Prime Minister Shri Narendra Modi, approved the PM Rashtriya Krishi Vikas Yojana (PM-RKVY) and the Krishonnati Yojana (KY) to promote sustainable agriculture and ensure food security and agricultural self-sufficiency. The total budget outlay for these initiatives is ₹1,01,321.61 crore. With these rationalized schemes, states are empowered to prepare comprehensive strategic documents for the agriculture sector, focusing on production, productivity, climate-resilient agriculture, and value chain development.



(Source: <https://pib.gov.in/PressReleaselframePage.aspx?PRID=2061649>)

UP Chief Minister & Israeli Envoy Discuss Boosting Ties with Focus on UP



Shri Yogi Adityanath, Hon. Chief Minister of Uttar Pradesh, met Mr Reuven Azar, Ambassador of Israel to India, at his official residence in Lucknow. Hon. Chief minister expressed a keen interest in strengthening relations, particularly in skill-building, employment generation, Drip irrigation, and drinking water. The Government of Uttar Pradesh is collaborating with Israeli counterparts to develop groundwater and drinking water resources in two locations in the state.

(Source: <https://timesofindia.indiatimes.com/city/lucknow/yogi-adityanath-and-israeli-envoy-discuss-strengthening-ties-focused-on-uttar-pradesh/articleshow/114261515.cms>)

Ruven visits Indo Israel Centre of Excellence in Basti, UP

Mr. Ruven Azar, Ambassador of Israel to India visited the Indo-Israel Centre of Excellence (CoE) for Fruits in Basti district, Uttar Pradesh. The Centre of Excellence (CoE) was formed as a part of an Indo-Israel Agricultural Project and is dedicated to the development of semi-arid horticultural crops in the state. The Centre provides agricultural training to thousands of farmers with a special focus on introducing new varieties of fruits and vegetables. Another Indo-Israel Centre of Excellence (CoE) for Vegetables is operational in Kannauj, with the Government of Uttar Pradesh committed to the development of two more Centres of Excellence in the state.

(Source: <https://timesofindia.indiatimes.com/city/lucknow/israels-ambassador-reuven-azar-highlights-agricultural-innovation-at-indo-israel-centre-in-basti/articleshow/114294019.cms>)



Soyabean production in country reaches 126 lakh tonnes

Soybean production in India has increased by about 6% to nearly 126 lakh tonnes with productivity per hectare increasing from 1,002 kg to 1,063 kg. However, despite favourable weather and improved farming practices India still imports about 60% of its edible oil. Madhya Pradesh is the largest soybean producer in the country with the crop sown in about 52 lakh hectares. In order to achieve the ambitious target of self-sufficiency in edible oils, India needs to increase domestic production of major oilseeds like soybean.



(Source: <https://economictimes.indiatimes.com/news/economy/agriculture/soyabean-production-in-country-reaches-126-lakh-tonnes-trade-body/articleshow/114240451.cms>)

National Conference on Agriculture 2024 Sets Ambitious Targets for Rabi Season, Focuses on Innovation and Collaboration

The Union Minister of Agriculture, Shri Shivraj Singh Chouhan, inaugurated the National Conference on Agriculture for Rabi Campaign 2024 at NASC Complex, New Delhi. The annual conference brings together key stakeholders from across the agricultural sector, including state representatives, researchers, and policymakers and aims to facilitate discussion on key strategies for enhancing crop production, introducing cutting-edge technologies, and ensuring a smooth supply of essential agricultural inputs.

(Source: https://krishijagran.com/news/national-conference-on-agriculture-2024-sets-ambitious-targets-for-rabi-season-focuses-on-innovation-and-collaboration/?utm_campaign=general&utm_medium=email&utm_source=izooto)



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Rivulis and Phytech partner to advance sustainable agriculture



Rivulis is integrating its precision irrigation subsidiary, Manna, with Phytech to enhance sustainable farming. This collaboration combines Rivulis' global reach in micro-irrigation with Phytech's expertise in real-time plant health and hydraulic monitoring, as well as automation technology. Phytech, originally focused on plant health monitoring to assist agronomic decision-making, now also supports hydraulic monitoring and automation of irrigation and fertigation systems, providing farmers with a comprehensive, efficient view of their water management

Source: <https://www.newaginternational.com/irrigation/rivulis-and-phytech-partner-to-advance-sustainable-agriculture/>



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Biden Administration's Water-Saving Initiatives

The USDA recently announced up to \$400 million to support water conservation projects, including funding for micro-irrigation improvements. These funds target agricultural areas in the West affected by long-term drought, helping farmers implement water-efficient practices like micro-irrigation to ensure water resiliency. Irrigation districts such as those in Arizona, Oregon, and Washington are leveraging these funds to upgrade their systems and improve water distribution efficiencies



Source: <https://www.usda.gov/media/press-releases/2024/08/01/biden-harris-administration-invests-400-million-address-drought>



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About Irrigation Association of India

Irrigation Association of India (IAI) is an apex industry body established in 1999, representing Micro Irrigation System (MIS) manufacturing companies in India. It is a not-for-profit organization and is working towards the successful implementation of Micro Irrigation in India for the benefit of farmers.

IAI has a registered office at Pune, Maharashtra, India and corporate office at New Delhi. IAI is closely working with the central Government of India and the State Governments. The association has a strong presence in states through IAI State Chapters at Karnataka, Maharashtra, Madhya Pradesh, Tamil Nadu, Gujarat, Andhra Pradesh, Rajasthan, Uttar Pradesh, Odisha, Chhattisgarh, Haryana, Jharkhand, West Bengal, and North Eastern Region.

What we do

- Policy Advocacy
- Knowledge Dissemination
- Capacity Building
- Convene meeting with Central/State govt. departments to apprise the industry issues
- Sectoral Conference/Workshop to promote Micro Irrigation



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