



IRRIGATION ASSOCIATION OF INDIA

NEWSLETTER

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NATIONAL NEWS



**DR. ABHILAKSH LIKHI,
ADDITIONAL SECRETARY,
DA&FW VISITS PRECISION
FARMING DEVELOPMENT
CENTRE (PDFC) AT BHOPAL**

Dr. Abhilaksh Likhi, Additional Secretary, Ministry of Agriculture & Farmers Welfare, visited the Precision Farming Development Centre (PFDC) at ICAR – Central Institute of Agricultural Engineering, Bhopal on 19th April, 2023. The Additional Secretary emphasized on the role of PFDC in raising awareness in adjoining villages on appropriate open field and protected cultivation technologies. PFDC Bhopal spread over 3.8 ha consists of naturally and forced ventilated polyhouses, cable post and shade net houses and walk in tunnels. All these structures are integrated with micro irrigation systems and solar pumping systems and are under taking experimental research on precision farm technologies in different cereals, pulses and horticultural crops. Soil moisture conservation using natural and plastic mulch is being encouraged at the Centre.

(Source:<https://pib.gov.in/PressReleasePage.aspx?PRID=1918038>)

G20 MEETING OF AGRICULTURAL CHIEF SCIENTISTS

India hosted G20's Meeting of Agricultural Chief Scientists in Varanasi from 17th to 19th April, 2023. The theme of the three-day event was "Sustainable Agriculture and Food System for Healthy People and Planet" and was attended by 80 foreign delegates from G20 members states, guest countries, International Organizations and Special Invitees by India.

The event focussed on Digital Agriculture and Traceability; Digital Technological Solutions for Reducing Food Loss and Waste; Agri-tech Startup Ecosystem; Pluralistic Agricultural Extension and Advisory Services (EAS); partnerships for improving lab to land and outreach, Smallholder and Family Farming, G20- Global South Cooperation for Agri-R&D, Public-private Agri-R&D: Experience in Generating and Accelerating Innovations.



(Source:<https://pib.gov.in/PressReleasePage.aspx?PRID=1917700>)

AGRICULTURE SECTOR NEEDS TO BE STRENGTHENED FOR CLIMATE RESILIENCE

India is one of the most vulnerable countries to physical impacts of climate change. Improvement and expansion of the irrigation system can enhance water use efficiency and reduce the negative effect of climate change on water availability for agriculture. Despite micro irrigation offering significant benefits to farmers in water savings over traditional methods of flood irrigation, there is a lack of awareness on micro irrigation. Farmers must be convinced to take benefit of government schemes and adopt micro irrigation.

(Source:<https://krishijagran.com/featured/agriculture-sector-needs-to-be-strengthened-for-climate-resilience/>)





INTERVIEW OF MR. KAUSHAL JAISWAL, SR VICE PRESIDENT, IRRIGATION ASSOCIATION OF INDIA & MANAGING DIRECTOR, RIVULIS IRRIGATION INDIA PVT LTD

"The availability of government schemes to farmers throughout the year and education of farmers on usage of micro irrigation systems is essential for the growth of the sector". - Shri Kaushal Jaiswal, Sr. VP, IAI & MD, Rivulis Irrigation

Mr. Kaushal Jaiswal, Sr. Vice President, Irrigation Association of India & Managing Director Rivulis Irrigation India Pvt. Ltd. had a detailed discussion with M C Dominic, Founder & Editor-in-chief, Krishi Jagran on the adoption of Micro Irrigation in India.

Part of Krishi Jagaran ongoing series **"Let's Talk About with MC Dominic"**, the discussion explored the role of micro irrigation in addressing the country's water crisis and achieving the Honourable Prime Minister's Vision of water security, the social, economic and environmental benefits of micro irrigation; challenges limiting the growth, and development of the sector and the role of the Government and financial institutions.

According to Mr Jaiswal, availability of Government schemes to farmers throughout the year and education of farmers on usage of micro irrigation systems is essential for the growth of the sector. He was optimistic that the industry will grow at pre COVID growth rates of 10-11% CGR.

(Source: <https://www.youtube.com/watch?v=DfQog6lwgdY>)

INDUSTRY NEWS



DEPARTMENT OF HORTICULTURE & FOOD PROCESSING, UTTAR PRADESH INVITED TENDERS FROM MI MANUFACTURING COMPANIES IN UTTAR PRADESH

Department of Horticulture & Food Processing, Government of Uttar Pradesh has requested Proposals from Micro Irrigation companies in Uttar Pradesh to submit prices of MI components for the tender process. Interested manufactures need to register with the Department of Horticulture & Food Processing, Uttar Pradesh. The Registration is for a period of five years from 2023-2024 to 2027-2028. The manufacturers will be eligible for installation of MIS in all districts of Uttar Pradesh under the Per Drop More Crop (PDMC) scheme.

IG INTERNATIONAL & FYLLO TO PRODUCE TOP QUALITY FRUITS WITH PRECISION FARMING

IG International, one of India's leading fresh fruit importers and Fyllo, an AI & ML, IoT driven SAAS based Precision Agriculture Company have recently announced a collaboration for harnessing the potential of technology for making horticulture profitable and sustainable. The association will be working on the multiple fruit crops like Grapes, Pomegranates, Apples, Kiwi, Blueberry, Cherries, Avocado, Dragon Fruits, etc. This will involve the integration of latest technologies in soil analysis and irrigation management.

(Source:<https://krishijagran.com/industry-news/ig-international-fyllo-to-produce-top-quality-fruits-with-precision-farming/>)

INTERNATIONAL NEWS



RIVULIS ACQUISITION OF IRRIGATION'S BUSINESS COMPLETES OF JAIN INTERNATIONAL BUSINESS

Rivulis has announced that it has received full regulatory approval for the acquisition of multiple overseas subsidiaries which comprise the International Irrigation Business (“IIB”) of Jain Irrigation. With this acquisition, Rivulis will lead the mass adoption of modern irrigation solutions and digital farming by growers and business partners to create an irrigation and climate leader globally. The acquisition has been finalized after all government authorizations and the precedent conditions required by the Share Purchase Agreement have been obtained and completed.

(Sources: <https://www.rivulis.com/rivulis-announces-completion-of-the-acquisition-of-jain-irrigations-international-irrigation-business/>)

FARMING AND THE CARBON ECONOMY

Irrigation Association, USA recently published an article in its monthly magazine **Irrigation TODAY** on “Farming and the Carbon Economy”. The article emphasizes on the fundamental role of agriculture in capturing atmospheric carbon. With plants capturing atmospheric carbon during the process of photosynthesis, growth of healthy crops increases their potential to capture carbon. With both access to irrigation and efficient water management practices like Micro Irrigation Systems (MIS) known to promote the growth of healthy crops, subsequent increase yields can also benefit the environment by increasing the capture of carbon. Smart Irrigation practices like precision agriculture help improve fertilizer use efficiency especially the use of nitrogen-based fertilizers, one of the third most problematic greenhouse gases (GHG) after methane and carbon, thus helping in mitigation of GHG. Fixing atmospheric nitrogen in soils using soil microbes can also help mitigate the effects of use of nitrogenous fertilizers.

(Source: <https://irrigationtoday.org/features/farming-and-the-carbon-economy/>)

IAI UPDATES

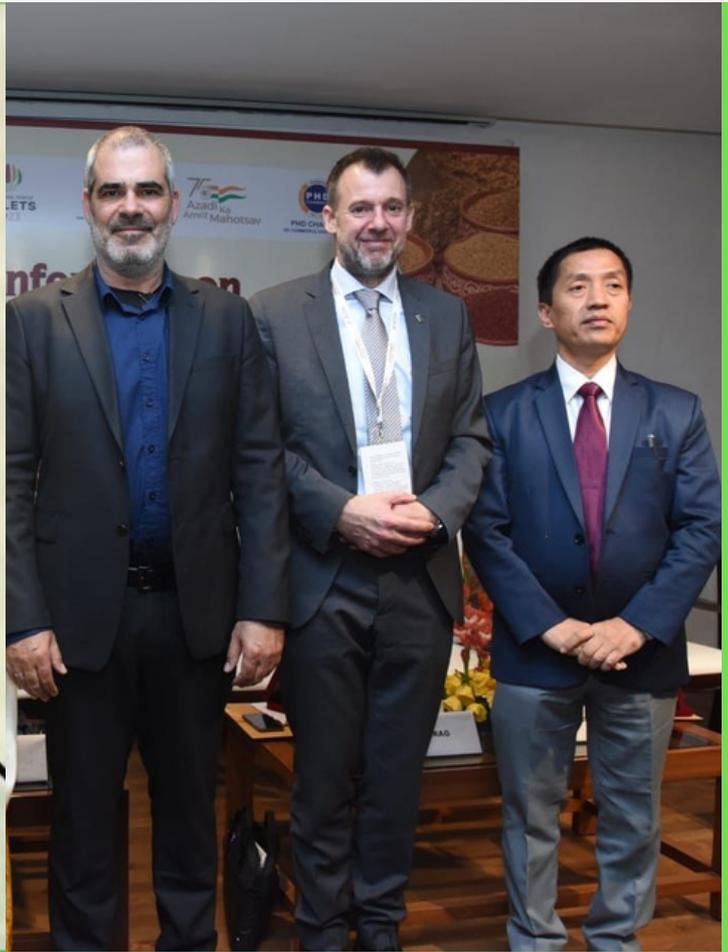


KRISHI MAHOTSAV - EXHIBITION AND TRAINING PROGRAMME, KOTA, RAJASTHAN

Ministry of Agriculture & Farmers Welfare organized a Krishi Mahotsav - Exhibition and Training programme on 24th & 25th January, 2023 in Kota Rajasthan. Irrigation Association of India organized an exhibition during the event displaying the latest micro irrigation technologies. Efforts were made to create awareness on the benefits of micro irrigation. The Exhibition was attended by Legislators, senior officials of the Central and State Governments, Indian Council of Agricultural Research, Agricultural Research Institutes, Agricultural Universities, Scientists of Zonal Agricultural Centres, Agriculture Department officials along with thousands of farmers, Agri Start-ups and representatives of private agricultural institutions also attended the exhibition.



IAI UPDATES



IRRIGATION ASSOCIATION OF INDIA REPRESENTS THE MICRO IRRIGATION INDUSTRY AT GLOBAL MILLETS (SHREE ANNA) CONFERENCE

Ministry of Agriculture and Farmers Welfare organized the Global Millets (Shree Anna) Conference on 19th March, 2023 at NASC Complex, IARI Campus, PUSA New Delhi. Inaugurated by the Honorable Prime Minister Shri Narendra Modi, the Conference had sessions on promotion of awareness of millets among producers and consumers, millets value chain development, health and nutritional aspects of millets, market linkages, and latest research and development in the sector. Irrigation Association of India represented the Micro Irrigation Industry during the conference.



SMART URBAN FARMING EXPO SUFEX 2023

Irrigation Association of India (IAI) organized an exhibition at the 2nd Smart Urban Farming Expo (SUFeX) at Thyagaraj Stadium, INA, New Delhi on 24th and 25th March, 2023. With Urban Farming emerging as new method of farming, SUFeX aimed to showcase Technologies, Products, Services, Innovations and Designs of Urban Farming. The exhibition was attended by agri-input suppliers, hydroponics and nutrient automation companies, organic input suppliers and agri consultants. The Exhibition provided the Association with the opportunity to interact with multiple stakeholders, share experiences of the Association and explore the role of micro irrigation in promoting the adoption of sustainable agricultural practices.

PASHU PARDARSHANI & KRISHI MELA, MINISTRY OF AGRICULTURE & FARMERS WELFARE

The Ministry of Fisheries, Animal Husbandry and Dairying, Government of India and ICAR – Central Institute for Research on Cattle organized a Pashu Pardarshani & Krishi Mela at Muzaffarnagar, Uttar Pradesh on 6th & 7th April, 2023. The main objective of the Mela was to promote and exhibit the agricultural, animal husbandry, fisheries practices. Irrigation Association of India organized an exhibition at the Mela demonstrating and promoting the adoption of innovative micro irrigation technologies in the State. The exhibition served as a platform to create awareness and educate the general public on the benefits of micro irrigation in improving productivity of crops, saving the use of water and fertilizers and reducing the costs of labor and energy.



MEETING WITH TASK FORCE ON IRRIGATION, NATIONAL BUREAU OF WATER USE EFFICIENCY

Irrigation Association of India attend the meeting of the Task Force Sub Group on Irrigation - National Bureau of Water Use Efficiency on 13th April, 2023. The meeting was attended by senior officials from the Jal Shakti Ministry, State Water Resources Departments, India Council of Agricultural Research, Central Groundwater Board, NITI Aayog, World Bank and Asian Development Bank. The meeting focussed on short term and long-term recommendations for improving and measuring Water Use Efficiency at various levels using various technologies like remote sensing and Internet of Things (IoT).

MEETING WITH SHRI ABDUL SATTAR, MINISTER OF AGRICULTURE GOVERNMENT OF MAHARASHTRA

Irrigation Association of India had a detailed discussion with Shri Abdul Sattar, Minister of Agriculture, Government of Maharashtra on 18th April 2023. IAI was represented by Shri Kaushal Jaiswal, Sr. VP, IAI and Managing Director, Rivulis Irrigation India Pvt Ltd and Mr Kalyan Verma, Director.

Efforts of the Government of Maharashtra in providing benefits to the farmers and challenges faced in the state for successful implementation of micro irrigation were discussed during the meeting.



STATE WISE TENTATIVE ALLOCATIONS UNDER THE PER DROP MORE CROP SCHEME 2023-2024

S.No	State	Allocation (INR Crores)
1	Andhra Pradesh	230
2	Bihar	45
3	Chhattisgarh	40
4	Goa	1
5	Gujarat	265
6	Haryana	130
7	Himachal Pradesh	20
8	Jharkhand	30
9	J&K	15
10	Karnataka	360
11	Kerala	5.45
12	Madhya Pradesh	120
13	Maharashtra	245
14	Odisha	70
15	Punjab	10
16	Rajasthan	185
17	Tamil Nadu	300
18	Telangana	62
19	Uttarakhand	40
20	Uttar Pradesh	180

S.No	State	Allocation (INR Crores)
21	West Bengal	30
22	Arunachal Pradesh	30
23	Assam	55
24	Manipur	40
25	Meghalaya	10
26	Mizoram	25
27	Nagaland	45
28	Sikkim	50
29	Tripura	15
30	A&N	-
31	Puducherry	-
32	Ladakh	2
	Total	2655.45



BETTER TOGETHER

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