

DECEMBER 2021

I N F O @ S A W I E . N E T

SAWIE MONTHLY NEWSLETTER



## Opening new avenues for digital knowledge transfer to transform agriculture

Prof Dr Abu Al Fazal Zaidi, a Laparoscopic surgeon implementing sustainable agriculture practices to produce quality food. MoU signed together with SAWIE & SACAN with Zaidi farm to promote sustainable practices to farmers in the region and across the country to save water and improve soil health. Prof Abu Al Fazal Zaidi said, it is a great day for us to join hands with a digital platform to change the landscape of our farming practices. Eng. Mushtaq Gill (Sitara Imtiaz) CEO SAWIE & SACAN said, this is an exciting day to see conservation agriculture in practice to address food security and climate change crisis.



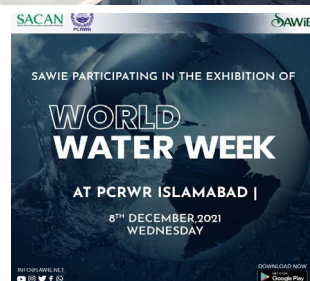
## SAWiE team at the exhibition of PCRWR

SAWiE has got the opportunity to show cast its talent in the exhibition being held at PCWR Islamabad on December 8th, 2021. A Stall will be presented there by SAWiE team members. Water use efficiency is the key to sustainable development in agriculture. PCRWR arranged an exhibition on the occasion of World Water week. SAWiE received certificate of participation in Pakistan Council of Research in Water Resources Islamabad



## SAWiE in discussion with Olive Programme

SAWiE in discussion with Olive Programme, Barani Agriculture Research Institute Chakwal for extension as well satellite based monitoring services for 5 crops (peanut, olive, peach, Grapes and Fig).





# SAWiE AND VIRTUAL UNIVERSITY SIGNED MOU

An MOU was signed between SAWiE and Virtual University. This MOU aimed at capacity building of farmers and digitalization of agricultural sector.



## Monthly-News letter

### SAWiE Team visited SDPI Conference

Our team had a great discussion on the topic "Beyond the Pandemic; Leaving no one Behind".



### SAWiE team attended IUCN Conference at Mariot Hotel Islamabad

Panel Discussion held at Marriott Hotel, Islamabad, chaired by Mr. Mahmood Akhtar Cheema, Country Representative of IUCN, Pakistan, and jointly organized by Ministry of Climate Change, United Nations Environment Programme, and IUCN Pakistan. The panelists discussed COP26 regarding Ecosystem Restoration. Ecosystem conservation, Wildlife Conservation and Management, Urban encroachments, Green Buildings, and fortune impacts of Covid-19 in ecosystem restoration were the limelight topics.



### SAWiE Team training in Agriculture Training Institute Karor

The Sawie team gives training the number of students in the Agriculture Training Institute Karor, towards digital agriculture and new technologies.

## PANYE LAUNCH

### SAWiE launched PANYE on KISSAN Day

PANYE has been launched on Kissan day to compare crop yield of major crops over a season and calculate its cost-benefit ratio. The Network will engage with farmers for various cropping pattern across Pakistan that include Rice Wheat, Wheat Cotton, Wheat Maize, Mixed pattern, etc. Our honorable guest Ms Shandana Gulzar, Eng. Mushtaq Gill, Dr. Abdul Qayyum Sulehri, Hafiz Muhammad Wasi were present at this launch.

## SAWiE participated in event organized by Helvetas Swiss Intercooperation Pakistan



SAWiE participated in event organized by Helvetas Swiss Intercooperation Pakistan. Pakistan's smart phone penetration rate is on the rise. Rural community especially farmers need handy digital advisory tools as they spend a lot of their leisure time using android phones. Digital farmer advisory tool called knowledge center offered by SAWiE is the customized platform as per the farmers need.

## SAWiE Team attended the National Stakeholder's Consultation Workshop on Mainstreaming Climate Smart Agriculture

SAWiE Team attended the National Stakeholder's Consultation Workshop on Mainstreaming Climate-Smart Agriculture under Pathways to strengthening Capabilities for Climate-Smart Agriculture in Pakistan held at Islamabad Hotel. The panelists discussed the transformation to Climate-Smart Agriculture (CSA) can substantially reduce climate change impacts

### SAWiE Launches Pakistan Agriculture Network of Yield Enhancement

Eng. Mushtaq Gill CEO, SAWiE, said we are honoured to celebrate farmers day. Pakistan needs to take immediate steps to improve water productivity

**DNA**  
ISLAMABAD: SAWiE launched Pakistan Agriculture Network of Yield Enhancement (PANYE) to fast track innovations in climate smart agriculture to farmers across Pakistan through a yield competition. The Shandana Gulzar chair Commonwealth Parliament Association member National Assembly special Committee on Agriculture, chaired the launching ceremony of PANYE Network here. She emphasised the need for innovative solutions to address food security. Prof. M. Iqbal Chaudhry, Coordinator General COMSTECH (ICT ministerial standing committee on scientific and technological cooperation) said, we need to develop an interdisciplinary approach to address food security, malnutrition and water scarcity challenges. He said, there is a need to engage with the ICT member countries that have similar challenges. Prof. Masroor Raza, Vice Chancellor, Dera Ismail Khan Agriculture University said, we need to speak to farmers the way we want them

and raise livestock to enhance productivity. He said there is a need of data collection to compare and benchmark cost of production. Prof. Faiz Masud, Vice Chancellor, South Agriculture University Tando Jam said, we need to improve and innovate our sowing practices. He said, irrigation management and use of inputs have a direct impact on our crop yield. Eng. Mushtaq Gill CEO, SAWiE, said we are honoured to celebrate farmers' day. Pakistan needs to take immediate steps to improve water productivity. Dr. Abdul Wakeel said, we need to improve our soil health & nutrient use efficiency that has major role in cutting down losses and greenhouse gases emissions to mitigate climate change. Dr. Saghar Ahmed, Director Cotton Research Institute said, the PANYE competition is a step in the right direction to encourage adaptation of beneficial management practices to address the pest and diseases issues in the cotton crop. Mr. Rikza Awan, a progressive farmer said, he has saved 50 hours of irrigation per acre that has helped to increase his maize productivity.

Mr. Kenta Ghim, IICA adviser said, he is delighted to see ecosystem approach of PANYE fostering capacity building of farmers through a competition to promote climate smart agriculture technologies in Pakistan. PANYE is organizing first national competition of farmers across Pakistan to compare their crop yield and cost using the advancements of digital technologies. It is led by an independent unbiased advisory service. SAWiE with representatives of research and industry. PANYE will conduct the farm comparison that includes the crop yield of major crops selected by this network. It will calculate cost-benefit analysis and benchmarking achievements of the selected farmers at the end of each crop season. Rabi and Kharif.

The objectives of PANYE Network are aligned with the plan of government of Pakistan to transform agriculture and enhance productivity. This knowledge-based approach will support fast transfer of innovative solutions to farmers. The farmers will be able to share the impact and success stories of new farm interventions from village to landscape of the crop. This will help



## ISLAMABAD POST PUBLISHED AN ARTICLE ON SAWiE'S RECENTLY LAUNCHED PROGRAM

SAWiE launched a program Pakistan Agriculture Network of Yield Enhancement which got recognition in Islamabad Post Newspaper. The main objective of PANYE were discussed in this article.

## SAWiE's team addresses farmers on Farmers' Day

In Ameen pur bangla, SAWiE's team addresses farmers on Farmers' Day and guides them on digital agriculture, efficient use of resources and new production technologies. Head of Outreach department SAWiE, Rikza Awan, represented SAWiE's mission at this important occasion.



SAWiE team participated in conference "New and effective production technology of Cotton" at Ayub Agriculture Research Institute (AARI). Director Ayub Agriculture Research Institute is highly motivated and willing to collaborate with SAWiE to ensure providing maximum services to farmers.

## SAWiE team attended conference "New and effective production technology of Cotton"



## SAWiE collaborated with the Islamia University of Bahawalpur



SAWiE team signed memorandum of collaboration with the Islamia University of Bahawalpur for development of knowledge farming sector and to work on collaborative projects.

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## SAWiE participated in DICE event at MNSUA, Multan

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## Proportional Use of Nitrogen Fertilizers for Better Crop Production



SAWiE team participated in a program in village 29 JB North of Faisalabad in which Dr. Abdul Wakeel and Dr. Sanaullah of Agricultural University Faisalabad provided important information to the farmers about the wise use of nitrogen fertilizers and also highlighted the important role of these fertilizers in the health of the crops. The SAWiE team told the farmers how they can get complete guidance on proper and timely use of fertilizers through SAWiE's mobile app.

