OVERVIEW OF TRAINEES FROM REPUBLIC OF THE SUDAN

"Advanced Sugarcane Production Technologies"

UAF/SRI/AARI/Sugar Mills, Punjab, Pakistan

(16 June to 10 July 2026)

Presented by
Dr. Shahid Afghan
ceo.srdg@gmail.com



Sugarcane Research and Development Board, Punjab, PAKISTAN





SRDB

GLOBAL SOURCING







Honourable Vice Chancellor, distinguished guests, respected scientists, faculty members, colleagues, and our esteemed international participants from the Republic of the Sudan, ladies and gentlemen,

Assalamu Alaikum and a very good morning.

هيئة أعضاء الأفاضل، العلماء السادة الكرام، الضيوف السعادة أصحاب الجامعة، رئيس نائب سعادة والسادة، السيدات السودان، جمهورية من الكرام الدوليون والمشاركون الأعزاء، الزملاء التدريس،

جميعًا الخير وصباح وبركاته، الله ورحمة عليكم السلام.

It is my great pleasure and honour to address you at the closing ceremony of the International Training Program on ***"Advanced Sugarcane Production Technologies."*** Today marks not the end of a training course, but the beginning of stronger professional collaboration and lasting friendship between our institutions and our two brotherly nations.

يسعدني ويشرفني أن أخاطبكم في اليوم حفل اختتام البرنامج التدريبي الدولي حول "التقنيات المتقدمة لإنتاج قصب السكر". إن هذا اليوم لا يمثل نهاية برنامج تدريبي، بل يمثل بداية مرحلة جديدة من التعاون المهني الوثيق والصداقة والدائمة بين مؤسساتنا وبلدينا الشقيقين













On behalf of the Sugar Research and Development Board (SRDB), I extend my heartfelt congratulations to all participants for successfully completing this intensive training program. Your enthusiasm, active participation, and commitment to learning have made this programme a great success.

المشاركين جميع إلى التهاني بأصدق أتقدم ،(SRDB) السكر قصب وتطوير بحوث مجلس عن وبالنيابة والتزامكم الفاعلة، ومشاركتكم لحماسكم، كان لقد .بنجاح المكثف التدريبي البرنامج هذا إكمالهم بمناسبة البرنامج لهذا الباهر النجاح تحقيق في الأكبر الدور بالتعلم،.










Over the past days, you have been trained to modern sugarcane production technologies, including improved variety development, crop management, mechanization, precision agriculture, disease diagnostics, irrigation and nutrient management, and sustainable production practices. I hope the knowledge and practical experience gained through lectures, laboratory sessions, and field visits will contribute meaningfully to the development of the sugar industry in Sudan.

تطوير ذلك في بما السكر، قصب إنتاج مجال في التقنيات أحدث على اطلعتم الماضية، الأيام وخلال الأمراض، وتشخيص الدقيقة، والزراعة الزراعية، والميكنة المحصول، وإدارة المحسنة، الأصناف العملية والخبرات المعارف تسهم أن وآمل .المستدام الإنتاج وممارسات النباتية، والتغذية الري وإدارة في ملموسًا إسهامًا الميدانية، والزيارات المخبرية، والتدريبات المحاضرات، خلال من اكتسبتموها التي السودان في السكر صناعة تطوير

I sincerely appreciate the collaboration and support of the University of Agriculture Faisalabad (UAF), the Ayub Agricultural Research Institute (AARI), the Sugarcane Research Institute (SRI), and all partner organizations, scientists, trainers, and industry representatives who generously shared their expertise and facilities. Their dedication has made this programme both informative and inspiring.

للبحوث أيوب ومعهد ،(UAF) آباد فيصل في الزراعة جامعة إلى والتقدير الشكر بخالص وأتقدم
والعلماء، الشريكة، المؤسسات وجميع ،(SRI) السكر قصب بحوث ومعهد ،(AARI) الزراعية
لتفانيهم كان لقد .سخاء بكل وإمكاناتهم خبراتهم شاركونا الذين السكر صناعة قطاع وممثلي والمدربين،
.المشاركين لجميع وملهمًا بالمعلومات غنيًا البرنامج هذا جعل في الأساسي الدور وإخلاصهم










Pakistan and Sudan share a long-standing relationship based on mutual respect, friendship, and cooperation. Agriculture remains one of the strongest areas for future collaboration. We firmly believe that exchanging scientific knowledge, research experiences, and innovative technologies will strengthen food security, improve farmer livelihoods, and promote sustainable agricultural development in both countries.

ولا .والتعاون والصداقة، المتبادل، الاحترام على تقوم راسخة تاريخية بعلاقات والسودان باكستان ترتبط يقين على ونحن .بلدينا بين المستقبلي التعاون لتعزيز الواعدة المجالات أهم أحد الزراعي القطاع يزال الغذائي، الأمن تعزيز في سيسهم المبتكرة، والتقنيات البحثية، والخبرات العلمية، المعرفة تبادل بأن البلدين كلا في المستدامة الزراعية التنمية ودعم المزارعين، عيش سبل وتحسين.










Dear participants, you are now ambassadors of this partnership. We encourage you to maintain close contact with SRDB and our research institutions. Let us continue to exchange ideas, undertake collaborative research, and work together to address the future challenges facing the sugarcane sector.

مجلس مع التواصل مواصلة على ونشجعكم .الشراكة لهذه سفراء اليوم إنكم الأعزاء، المشاركون أيها البحوث وإجراء الأفكار، تبادل فلنواصل .البحثية ومؤسساتنا (SRDB) السكر قصب وتطوير بحوث .السكر قصب قطاع تواجه التي المستقبلية التحديات لمواجهة معًا والعمل المشتركة،

I also express my sincere gratitude to the Government of Pakistan and all supporting organizations for facilitating this important international capacity-building initiative.

إنجاح في أسهمت التي الداعمة الجهات وجميع باكستان حكومة إلى والامتنان الشكر بخالص أتقدم كما القدرات لبناء المهمة الدولية المبادرة هذه










As you return home, we hope you carry not only new technical knowledge but also fond memories of Pakistan, its people, culture, and hospitality. We look forward to welcoming you again and to strengthening our cooperation in the years ahead.

اكتسبتموها، التي الفنية والخبرة المعرفة فقط ليس معكم تحملوا أن نأمل وطنكم، إلى تعودون وعندما مرة بكم الترحيب إلى ونتطلع .ضيافتها وكرم وثقافتها، وشعبها، باكستان، عن جميلة ذكريات أيضًا بل المقبلة السنوات خلال المشترك تعاوننا تعزيز وإلى أخرى،.










Finally, I wish each one of you safe travels, continued professional success, and every achievement in your future endeavours.

المهنية، مسيرته في والتميز النجاح من ومزيدًا آمنة، عودة رحلة منكم واحد لكل أتمنى الختام، وفي المستقبلية مساعيه في التوفيق وكل.

Thank you all for your participation and dedication.

وتفانيكم مشاركتكم على جميعًا لكم شكرًا

Pakistan–Sudan friendship will continue to grow through knowledge, innovation, and agricultural cooperation.

Thank you very much.

والابتكار المعرفة، خلال من وتزدهر تنمو والسودان باكستان بين الصداقة وستظل الزراعي والتعاون ،.

الشكر جزيل لكم شكرًا.

International Training on Advanced Sugarcane Production Technologies



Name: Shahid Afghan
Designation: *Chief Executive Officer, SRDB*
Qualification: *Ph.D (Agronomy)*

Experience:
- *More than 37 years of experience in research and development, project supervision and agricultural outreach with special focus to sugarcane crop.*

Research Innovations:
- *Has more than 125 research publications with 4 books, 4 chapters and 1 patent in sugarcane.*



Name: Prof. Dr. Asif Tanveer (Former Pro-VC, UAF)
Designation: *Consultant SRDB*
Qualification: *Ph.D (Agronomy)*

Experience:
- *More than 37 years of experience in research and development, project supervision and agricultural outreach with special focus to field crop.*

Research Innovations:
- *Has more than 300 research publications*



Name: Prof. Dr. Nasir Ahmad
Designation: *Associate Professor*
Qualification: *Ph. D (Plant Pathology)*

Experience:
- *More than 12 years of experience in teaching, research, project supervision, and agricultural outreach.*

Research Innovations:
- *Has more than 150 research papers*

International Training on Advanced Sugarcane Production Technologies



Name: Dr. Sajid-ur-Rehman
Designation: *Chief Scientist, AARI, Faisalabad*
Qualification: *Ph. D (PBG)*

Experience:
- *More than 25 years of experience in plant biotechnology research.*

Research Innovations:
- *Dr. Rehman has an outstanding publication record, with 100 research papers along with 3 books and book chapters to his credit.*



Name: Dr. Kashif Munir
Designation: *Chief Scientist, Sugarcane Research Institute, Faisalabad*
Qualification: *Ph. D (Agronomy)*

Experience:
- *Having a 20 years of experience on research of different crops. More than 30 national and international research publications.*



Name: Dr. Muhammad Atiq
Designation: *Associate Professor*
Qualification: *Ph. D (Plant Pathology)*

Experience:
- *More than 19 years of experience in teaching, research, project supervision, and agricultural outreach.*

Research Innovations:
- *Moere than 175 research papers in national and international research journals along with 7 book chapters.*

International Training on Advanced Sugarcane Production Technologies



Name: Prof. Dr. Zulfiqar Ali
Designation: *VC, University of Agriculture, Faisalabad.*
Qualification: *Ph.D (PBG)*

Experience:
- *More than 25 years of experience in teaching with research focus on resource conservation and climate-smart molecular breeding.*

Research Innovations:
- *Has more than 150 research papers along with 5 books.*



Name: Professor Dr. Saqib Ali
Designation: *Professor*
Qualification: *Ph. D (Computer Science)*

Experience:
- *More than 20 years of experience in teaching, research and development, project supervision, and agricultural outreach.*

Research Innovations:
- *Published more than 50 research papers*



Name: Muhammad Asif Ali
Designation: Manager (R & D)
Qualification: MSc. (Hons.) Soil Science

Experience:
- *More than 30 years of research experience in Fertilizer industry and Agri sector.*
- *His professional journey includes diversified and leading role at various levels in dynamic organizations like Engro Chemicals and Engro Fertilizers Limited where he led these organizations.*

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Name: Prof. Dr. Muhammad Dildar Gogi
Designation: Professor
Qualification: Ph. D (Entomology)

Experience:
- More than 24 years of experience in teaching and research.
- His research interest include: integrated pest management (IPM), biological control, insect toxicology, and risk analysis

Research Innovations:
- Published 150 research papers along with 5 books and book chapters.



Name: Dr. Naeem Fiaz
Designation: Senior Scientist
Qualification: Ph. D (Agronomy)

Experience:
- More than 16 years of experience in research and development.

Research Innovations:
- Dr. Naeem has published 35 research papers in national and interbational journals.



Name: Mr. Shahzad Afzal
Designation: Scientific Officer
Qualification: M.Sc. (Hons.) Plant Breeding and Genetics

Experience:
More than 9 years of experience in research and development of sugarcane crop.

Research Innovations:
Mr. Shahzad has published 28 research papers.

SRDB International Training on Advanced Sugarcane Production Technologies



Name: Dr. Muhammad Munem Khan
Designation: Lecturer
Qualification: Ph. D (Plant Breeding and Genetics)

Experience:
- More than 10 years of experience in teaching, research and development. His research interest include: Sugarcane and oil seed varietal development program at UAF.

Research Innovations:
- Published more than 12 research papers.



Mr. Muhammad Ehsan Khan
Designation: Research Officer
Qulification: M.Sc (Hons.) Plant Breeding and Genetics)

Experience:
- More than 14 years of research experience in sugarcane research and development. His research interest include: Sugarcane and pulses crops varietal development.

Research Publications:
- Published more than 25 research publications in national and international journals.



Name: Mr. Abdul Hanan
Designation: *CEO, Farm Matrix*
Qualification: *Master's degree i Remote Sensing and GIS*

Experience:
- *Having 7 years of experience in Remote Sensing, GIS, and precision agriculture.*
- *Having expertise in satellite analytics, crop health monitoring, and spatial modeling. In the sugarcane sector,*

SRDB International Training on Advanced Sugarcane Production Technologies

FOR PRACTICAL SESSION

Engr. Mr. Muhammad Maqsood, Director, Agricultural Mechanization Research Institute (ARMI), Faisalabad

Chief Scientist, Entomology Research Institute, AARI, Faisalabad

Chief Scientist, Sugarcane Research Institute, AARI, Faisalabad.

Chief Scientist, Sugarcane Research Institute, AARI, Faisalabad.

Dr. Syed Zia-ul-Hussnain, Chief Scientist, Ramzan Sugarcane Research Insitute, Ramzan Sugar Mills, Chiniot

Chief Scientist, Soil Fertility Research Institute, AARI, Faisalabad.

Dr. Shahid Afghan
Acting CEO-SRDB
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Mr. Muhammad Ehsan Khan
Research Officer-SRDB
0321 6651767
ehsansrdb@gmail.com

Address: Office of Sugarcane Research & Development Board, AARI, Jhang Road, Faisalabad.

Module 1: Botany and Climate of Sugarcane

Master Trainers: Dr. Muhammad Munem Khan and Muhammad Ehsan Khan

Module 2: Sugarcane Full Scale Breeding, Variety Selection & Identification

Master Trainer: Dr. Shahid Afghan, M. Shahzad Afzal and Dr. Naeem Fiaz

Module 3: Smart Nutrient & Soil Care for Sugarcane

Master Trainer: M. Asif Ali & M. Hasnain, United Agro Chemicals

Module 4: Sugarcane Agronomy

Master Trainer: Dr. M. Kashif Munir SRI, Faisalabad

Module 5: Sugarcane Seed Production

Master Trainer: Dr. Prof. Asif Tanveer SRDB

Module 6: Efficient Use of Irrigation Water in Sugarcane

Master Trainer: Dr. Shahid Afghan SRDB

Module 7: Drip Irrigation in Sugarcane for Sweet Profit

Master Trainer: Prof. Dr. Asif Tanveer SRDB

Module 8: Sustainable Management of Sugarcane Insect- Pests

Master Trainer: Prof. Dr. M. Dildar Gogi UAF

Module 9: Integrated Management of Sugarcane Diseases

Master Trainers: Prof. Dr. M. Atiq and Prof. Dr. Nasir Ahmad UAF

Module 10: Sugarcane Weeds & Their Integrated Control

Master Trainer: Prof. Dr. Asif Tanveer SRDB

Module 11: Management of Sugarcane Ratoon Crop

Master Trainer: Dr. Shahid Afghan SRDB

Module 12: Management of Drought, High Temperature Stress, Sunburn & Lodging in Sugarcane

Master Trainer: Prof. Dr. Asif Tanveer SRDB

Module 13: Sugarcane Quality Management

Master Trainer: Dr. Shahid Afghan SRDB

Module 14: Automation/mechanization for profitable Sugarcane production

Master Trainer: Prof. Dr. Asif Tanveer Eminent Scientist SRDB

Module 15: Impact of Climate Change on Sugarcane Productivity

Master Trainer: Dr. Shahid Afghan SRDB

Module 16: Inter-Cropping in Sugarcane Crop

Master Trainer: Dr. Shahid Afghan SRDB

Module 17: Processing of Sugar from Sugarcane

Master Trainer: Dr. Shahid Afghan SRDB and Dr. Shahid Hussain Shakarganj Ltd

Module 18: Production of Organic Products in Sugarcane Sector

Master Trainer: Dr. Shahid Afghan SRDB

Module 19: Bonsucro & ISO Certifications in Sugarcane Sector

Master Trainer: Dr. Shahid Afghan SRDB Dr. Shahid Hussain Shakarganj Ltd

Module 20: Use of AI Technology for Crop Scan, Varieties Identification, Harvest Monitoring, Biotic-Abiotic Stresses.

Master Trainer: Prof. Dr. Saqib Ali, Anam Khalid, UAF and Abdul Hanan Farm Matrix

Practical Training at Soil Fertility Lab of Rapid Soil Fertility Research Institute, AARI, Faisalabad

Field Training on Sugarcane Mechanization at Agriculture Machinery Research Institute (AMRI), Faisalabad

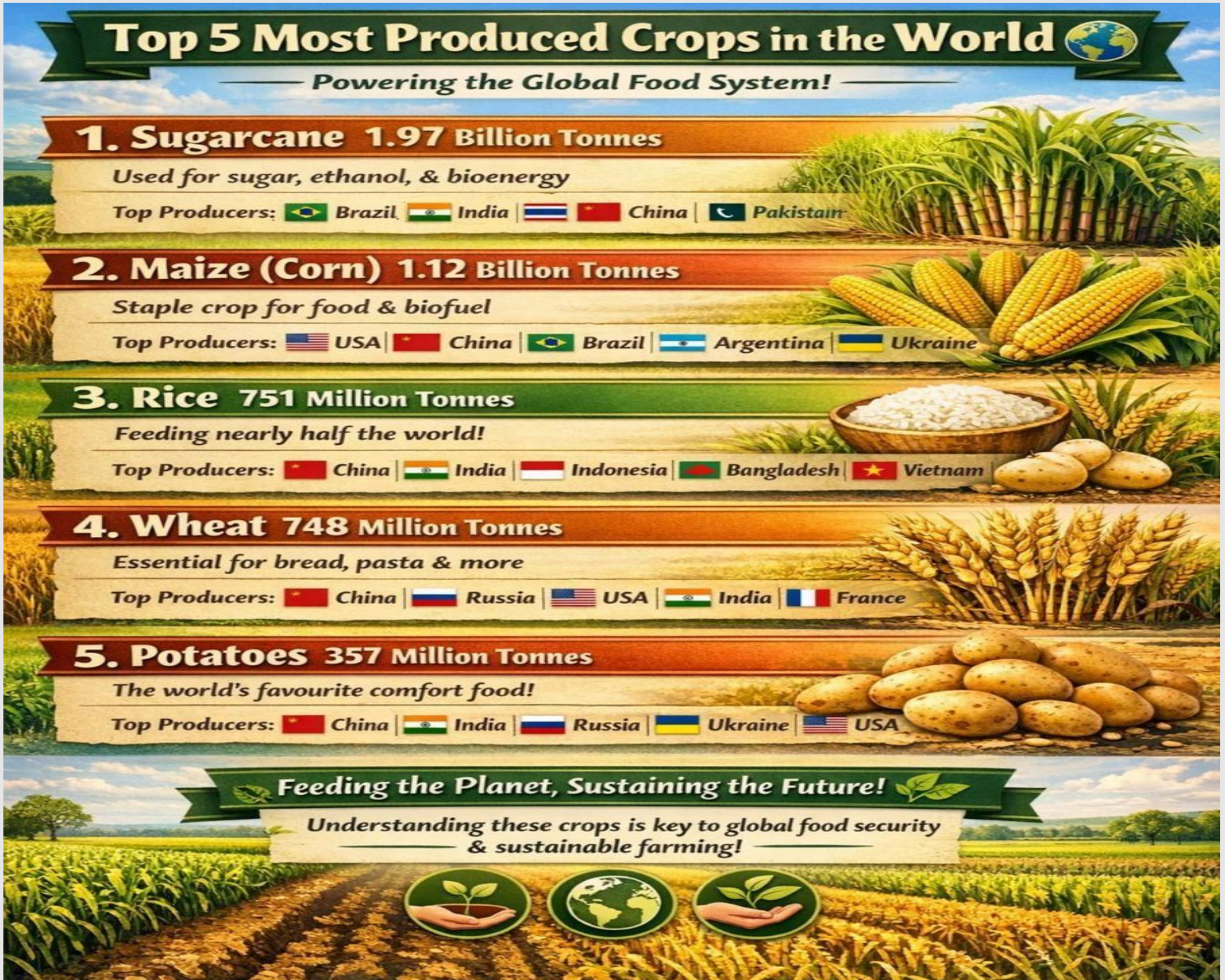
Practical Training at Sugarcane Research Institute, Faisalabad

Practical Training at Sugarcane Research Institute, AARI, Faisalabad

Visit of TSCRI Research Fields and Labs for Practical Training at at Safina Sugar Mills

Visit of FSRDC Research Fields and Labs for Practical Training at Fatima Sugar Mills

Practical Training at Sugarcane Research Institute, AARI, Faisalabad


Top 5 Most Produced Crops in the World
Powering the Global Food System!
1. Sugarcane 1.97 Billion Tonnes
Used for sugar, ethanol, & bioenergy
Top Producers: Brazil | India | China | Pakistain
2. Maize (Corn) 1.12 Billion Tonnes
Staple crop for food & biofuel
Top Producers: USA | China | Brazil | Argentina | Ukraine
3. Rice 751 Million Tonnes
Feeding nearly half the world!
Top Producers: China | India | Indonesia | Bangladesh | Vietnam
4. Wheat 748 Million Tonnes
Essential for bread, pasta & more
Top Producers: China | Russia | USA | India | France
5. Potatoes 357 Million Tonnes
The world's favourite comfort food!
Top Producers: China | India | Russia | Ukraine | USA
Feeding the Planet, Sustaining the Future!
Understanding these crops is key to global food security & sustainable farming!



SUDAN

THE LAND OF ENDLESS HORIZONS

Sudan is a country in Northeast Africa. It is the third largest country in Africa by area, known for its rich history, diverse culture and natural resources.



BASIC INFORMATION

Capital	Khartoum
Population	~49 million (2024 est.)
Area	1,886,068 km² (3rd largest in Africa)
Official Languages	Arabic (Official) English
Government	Republic
Independence	January 1, 1956

GEOGRAPHY

- Located in Northeast Africa.
- Bordered by Egypt, Libya, Chad, Central African Republic, South Sudan, Ethiopia and Eritrea.
- Features the Nile River, which divides the country into two main regions.
- Landscape includes deserts, savannas, and fertile plains.



HISTORY

- Home to ancient civilizations such as the Kingdom of Kush.
- An important center of the ancient Nubian culture.
- Has a rich Islamic and African heritage influenced by centuries of trade and interaction.

CULTURE

- Sudan is a diverse country with more than 500 ethnic groups.
- Known for its hospitality, music, poetry and traditional dances.
- Traditional dress: Jalabiya for men and Toob for women.

ECONOMY

- Rich in natural resources including gold, oil, minerals and agricultural land.
- Main sectors: Agriculture, livestock, petroleum, mining and manufacturing.
- Major exports: Gold, oil, cotton, sesame, gum arabic.



DID YOU KNOW?

- Sudan has more pyramids than any other country – over 200!
- The Blue and White Nile meet in Khartoum.
- It has a unique blend of African, Arab and Islamic cultures.

NATIONAL SYMBOLS

Flag: A symbol of the country's struggle, peace and hope.

Emblem: The Eagle of Saladin represents strength and progress.





PLACES TO VISIT



MEROE PYRAMIDS
Ancient pyramids of the Kingdom of Kush.



ABU SIMBEL TEMPLES
Magnificent temples built by Ramses II.



SENNAR DAM & BLUE NILE
Beautiful scenery and waterfalls.



PORT SUDAN
The Red Sea coast with stunning beaches.

Sudan is the heart of Africa – a land of history, culture, resilience and opportunity.

Welcome to Sudan!

PAKISTAN

LAND OF FAITH, UNITY & DIVERSITY

Pakistan is a sovereign country in South Asia.
It is known for its rich culture, warm hospitality, breathtaking landscapes and resilient people.



BASIC INFORMATION

- **Official Name:** Islamic Republic of Pakistan
- **Capital:** Islamabad
- **Largest City:** Karachi
- **Population:** ~240 million (2023 est.)
- **Area:** 881,913 km² (33rd largest country)
- **Official Language:** English
- **National Language:** Urdu
- **Government:** Federal Parliamentary Republic
- **Independence Day:** 14 August 1947

GEOGRAPHY

- Located in South Asia.
- Bordered by India (East), China (North), Afghanistan (West) and Iran (Southwest).
- Features diverse landscapes: mountains, plains, deserts and a long coastline.
- Major rivers: Indus, Jhelum, Chenab, Ravi, Sutlej.
- Home to the world's highest mountains including K2, Nanga Parbat and many more.



HISTORY

- The region has a rich history dating back to the Indus Valley Civilization (2500 BCE).
- Home to ancient empires like Gandhara, Maurya and Gupta.
- Pakistan came into existence on 14 August 1947.
- A nation built on the vision of Allama Muhammad Iqbal and Quaid-e-Azam Muhammad Ali Jinnah.

CULTURE

- A beautiful blend of traditions, languages, music, art and festivals.
- Major festivals: Eid-ul-Fitr, Eid-ul-Adha, Independence Day, Basant, Shandur Polo.
- Hospitality is deeply rooted in Pakistani culture.

ECONOMY

- Emerging economy with diverse sectors.
- Key sectors: Agriculture, Textiles, Information Technology, Manufacturing, Services and Remittances.
- Major exports: Textiles, rice, leather, surgical instruments, sports goods.
- One of the world's largest producers of cotton.

DID YOU KNOW?

- Pakistan is the 5th most populous country in the world.
- Home to the world's second highest mountain, K2.
- The Indus Valley Civilization was one of the world's earliest civilizations.
- Pakistan has a nuclear power program and strategic defense capability.

NATIONAL SYMBOLS

Flag: A symbol of faith, unity and progress.

Emblem: Represents strength, unity, courage and prosperity.

PLACES TO VISIT



SWAT VALLEY
The Switzerland of Pakistan



BADSHAHI MOSQUE, LAHORE
A masterpiece of Mughal architecture



K2 – THE MIGHTY PEAK
Second highest mountain in the world



MOHENJO-DARO
Ancient city of the Indus Valley Civilization



GWADAR
Beautiful coastal city on the Arabian Sea

Pakistan is a land of opportunities, natural beauty and endless potential.

PAKISTAN ZINDABAD!

First Day: Briefing Sesson of the Trainees



Sugarcane Research and Development Board

First Day: Vice Chancelloer UAF Meeting with the Trainees



Sugarcane Research and Development Board

First Day: Group Photo of the Trainees at Univ. of Agri.



Sugarcane Research and Development Board

First Day: Visit at Seed Techology Center Univ. of Agri.



Sugarcane Research and Development Board

First Day: Visit at Center of Advanced Studies Univ. of Agri.



Sugarcane Research and Development Board

Day-2: Botany and Climate of Sugarcane



Sugarcane Research and Development Board

Day-2: Botany and Climate of Sugarcane



Day-2: *Full-Scale Sugarcane Breeding*



Sugarcane Research and Development Board

Day-2: *Variety Selectionn*



Sugarcane Research and Development Board

Day-2: Sugarcane Varieties Idnetification



Sugarcane Research and Development Board

Day-3: *Smart Nutrient and Soil Care for Sugarcane*





Day-3: Management of Ratoon Crop



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Day-4: The Master Trainers and the Trainees



Day-4: *Integrated Management of Sugarcane Diseases*





Day-4: Management of Irrigation/Intercropping



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Day-5: *Sugarcane Seed Production and Pest-Management*





Day-5: Use of AI Technologies for Sugarcane Crop Scane



Sugarcane Research and Development Board

Day-5: *Use of AI Technologies for Sugarcane Crop Scane*



Sugarcane Research and Development Board

Day-6: *Sugar Processing Technologiees*
Sugar Labs Accreditations/Certifications



Sugarcane Research and Development Board

Day-6: Bonsucro/Organic Sugar (NOP) Certifications



Sugarcane Research and Development Board

*Day-7: **Suagarcane** Crop Production Technologies*



Sugarcane Research and Development Board

Day-7: Impact of Climtate Change on Sugarcane



Sugarcane Research and Development Board

Field and Labs Visit of TSCRI Safina Sugar Mills Ltd., Lalian-Chiniot





Day-8:

Visit of TSCRI Safina Sugar Mills



Sugarcane Research and Development Board

Visit of TSCRI Safina Sugar Mills Ltd. Lalian



Sugarcane Research and Development Board

Visit of Research Fields, TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields,TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields, TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields,TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields,TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields,TSCRI Safina Sugar Mills, Lalian - Chiniot



Sugarcane Research and Development Board

Visit of Research Fields,TSCRI Safina Sugar Mills, Lalian- Chiniot



Visit of Research Lab at TSCRI Safina Sugar Mills, Lalian-Chiniot



Sugarcane Research and Development Board

Practical Training at Ayub Agri. Res. Institute (AARI), Faisalabad





Sugarcane Research and Development Board

Practical Training at AARI, Faisalabad



Sugarcane Research and Development Board

Practical Trainig at Ayub Agri. Res. Institute (AARI), Faisalabad





Practical Training at Agri. Maschinery Res. Institute (AMRI), Faisalabad





Practical Training at Agri. Maschinery Res. Institute (AMRI), Faisalabad



Sugarcane Research and Development Board

Practical Training at Agri. Maschinery Res. Institute (AMRI), Faisalabad



Sugarcane Research and Development Board

Visit of Fatima Sugarcane Res. & Dev. Center (FSRDC) Sanawan



Sugarcane Research and Development Board

Practical Training at Biocontrol Lab (FSRDC) Sanawan



Sugarcane Research and Development Board

Practical Training for Soil/Water Mapping at FSRDC, Sanawan



Sugarcane Research and Development Board

Soveniors from FSRDC, Fatima Sugar Mills Ltd., Sanawan



Sugarcane Research and Development Board

Meeting with VC MNSUA
Mango Festival at Multan





Sugarcane Research and Development Board

Presentation on UMV - AI/Drone Technologies



Sugarcane Research and Development Board

Field Demo UMV - AI/ Crop Loging- Drone Technologies



Sugarcane Research and Development Board

Practical Training on UMV - AI/Drone Technologies



Sugarcane Research and Development Board

DG AARI Briefing on R&D Activitisies in Agri. Punjab Pakistan



Sugarcane Research and Development Board

Practical Training at Sugarcane Research Institute (SRI), Faisalabad





Sugarcane Research and Development Board

Practical Training at Sugarcane Research Institute (SRI), Faisalabad





Sugarcane Research and Development Board

Practical Training at Sugarcane Research Institute (SRI), Faisalabad





Practical Training at Sugarcane Research Institute (SRI), Faisalabad





Sugarcane Research and Development Board

Farewell Dinner from Almoiz Group at Silver Spoon, Faisalabad





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SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

YOUSEF GHEBISHA MOHAMMED ALI

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-01

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

HAMDAN OSMAN SULIMAN NAEM

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-02

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

AYMAN ELFATIH AHMED GOBARA

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-03

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

MUSTAFA MUSA ALDOD EBRAHIM

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-06

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

ABDELHAFEEZ ELEMAM GASOUM ALI

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-05

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

MOHAMED DAMRI ADAM ALRADI

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-04

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator



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GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

ELTOM MOHAMED ELGHALLI ELTGANI

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-07

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

GOSI BAKHEET GIGIR MOHAMMED

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-08

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

MAAZ BASHIR RAHAMA SHAHATA

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-09

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

YAGOUB MAHMOUD HAMOUDA SAEED

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-12

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

ALHADI HARON ABDALLAH HARON

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-11

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

ELSHARIEF MUSA ISHAG AHMED

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-10

Dr. Shahid Afghan, Chief Executive Officer | Dr. Asif Tanveer, Programme Director | Muhammad Ehsan Khan, Course Coordinator



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SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

HADEEL KAMAL MOHAMMED MOKHTAR

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-13

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

WESAL ABDALGADER OSMAN AHMED

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-14

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

EBTISAM FADUL KAFI ALHAG

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-15

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

AMEL MUSA SALIH FARAG

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-18

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

REHAM SUBHI SHARIF KABSOUN

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

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CERTIFICATE NUMNBER: SRDB-IST-2026-17

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

SUGARCANE RESEARCH AND DEVELOPMENT BOARD (SRDB)
GOVERNMENT OF PUNJAB, PAKISTAN

CERTIFICATE

FAIZA ADAM MOHAMMED DHLOOB

has successfully completed the International Training Programme on

"Advanced Sugarcane Production Technologies"

PROGRAMME COVERAGE
- Modern Sugarcane Production
- Sustainable Crop Management
- Precision Agriculture
- Irrigation Management
- Nutrient Management
- Integrated Pest Management
- Mechanization & Smart Farming
- Best Agronomic Practices

Dates: June 16 to July 10, 2026

SCAN QR CODE TO VERIFY AUTHENTICITY

CERTIFICATE NUMNBER: SRDB-IST-2026-16

Dr. Shahid Afghan, Chief Executive Officer
Dr. Asif Tanveer, Programme Director
Muhammad Ehsan Khan, Course Coordinator

T H A N K S



Sugarcane Research and Development Board, Punjab, PAKISTAN