Engr. Imran Arshad

Agriculture Extension Officer (Agriculture Engineer)
Agriculture (Researcher / Reviewer) –Quality Assurance & Control.
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SUMMARY

A Result oriented, Gulf experienced & highly qualified professional who has an exceptional skill in the field of research and development pertaining to crop growth and the factors that affect their mortality and development rate such as climate conditions, soil, temperature, humidity, etc.; an expert in the study of date palm protection and open field / greenhouse cultivation. Competent to work successfully as part of a team or as an individual; able to lead and motivate the team to achieve operational objectives and adopt in using proactive & optimistic approach to any given situation, Ability to manage operations within budgetary constraints.

PROFESSIONAL EXPERIENCE

AGRICULTURE EXTENSION OFFICER (AGRICULTURE ENGINEER) **Feb 2019 – Till Date**
Abu Dhabi Agriculture and Food Safety Authority - ADAFSA
(Under Visa of SAA Technical & Specialized Services Establishment – Abu Dhabi)
Responsibilities:

- Working for client ADAFSA as an Extension Officer in Western Region of Abu Dhabi, UAE.
- Implemented best post-harvest practices to produce quality dates and vegetables.
- Observed and recommend the guidelines to the farmers for overall farm improvement.
- Developed cropping plans based on the company's business plan.
- Implemented cropping plans by issuing crop depending on the region-specific agronomic standards.
- Developed crops for domestic and overseas markets.
- Collaborated with other agricultural engineers in designing greenhouse structures.
- Supervised R&D on pest identification and their treatment.
- Evaluated new production locations and recommended appropriate crops per climatic conditions.

AGRICULTURE EXTENSION OFFICER (AGRICULTURE ENGINEER) **Nov 2017 – Feb 2019**
Abu Dhabi Agriculture and Food Safety Authority - ADAFSA
(Under Visa of SAA Technical & Specialized Services Establishment – Abu Dhabi)
Responsibilities:

- Working for client ADFSC as an Extension Officer in Western Region of Abu Dhabi, UAE.
- Implemented best post-harvest practices to produce quality dates and vegetables.
- Observed and recommend the guidelines to the farmers for overall farm improvement.
- Developed cropping plans based on the company's business plan.
- Implemented cropping plans by issuing crop depending on the region-specific agronomic standards.
- Developed crops for domestic and overseas markets.
- Collaborated with other agricultural engineers in designing greenhouse structures.
- Supervised R&D on pest identification and their treatment.
- Evaluated new production locations and recommended appropriate crops per climatic conditions.

QUALITY CONTROLLER. **Feb 2014-Dec 2016**
Abu Dhabi Farmer's Service Centre - ADFSC
(Under Visa of Star Services LLC, Abu Dhabi)

Responsibilities:

- Implementing Best Post Harvest Practices for the Quality Assurance & Control Operations and ensure adherence to Company's Policies and processes.
- To check and maintain the quality of agriculture processing commodities.
- To check the cleaning, sorting and grading of agriculture commodities.
- Carry out any other duty assigned by the Quality Control Manager/Supervisor.

EXECUTIVE OFFICER. **Apr 2012-Oct 2013**
SGS Pakistan Pvt Ltd., Karachi, Pakistan.
Responsibilities:

- To give advisory for fodder / vegetables / fruits and crops to the clients.
- To make proposals / presentations for the agricultural projects.
- To make cost estimation for different agricultural projects.
- To manage fruit & vegetable farms operations on a day to day basis for different clients.
- To survey the site & make site layout plan.
- To collect soil, water, and different agricultural commodities samples from the field.
- To make a report of finding with conclusions and recommendations.
- Carry out any other duty assigned by the Director Operations.

AGRICULTURE FARM SUPERVISOR. **Nov 2010-Feb 2011**
Al-Dahra Agricultural Company Pvt Ltd., Karachi, Pakistan.
Responsibilities:

- Manage and lead the farm operational team including supervisors and workers.
- Develop SOPs for the Rhodes grass farm comprising of 3000 acres.
- Manage the packaging and transportation of fodder according to orders.
- Over all responsibilities of the entire farm machines.

COMMITTEES & SPECIAL ASSIGNMENTS

Committees & Special Assignments:

Administration & Excellence

- **ADAFSA** – Providing an Agricultural Extension Services to **200 Agricultural Farms** having an area of **(800 hectares)** in Western Region of Abu Dhabi, Ghayathi, UAE**. January 2018 – till date.**
- **ADAFSA** – Internal Inspection and Implementation on **"ADGAP"** in Western Region of Abu Dhabi, Ghayathi, UAE**. June 2020 – till date**.
- **ADAFSA** – Agriculture Pest and Locust Control / Monitoring of **Agricultural Farms** in Western Region of Abu Dhabi, Ghayathi, UAE**. January 2021 – till date.**
- **ADAFSA** – **Farm Inspector** - Inspecting Agricultural Farm in Ghayathi following the Protocols of ADAFSA Using an application **SmartControl** through a Tablet - Western Region of Abu Dhabi, Ghayathi, UAE**. January 2021 – till date.**
- **ADAFSA** – Inspected Agricultural Farms and collected Data for a Government Program Statistical Survey of Agricultural Farms in Abu Dhabi - Western Region of Abu Dhabi, Ghayathi, UAE**. January 2021 – June 2021.**
- **ADAFSA** – Inspected Agricultural Farms and collected Data for a Government Program Abu Dhabi GIS Agricultural Survey - Western Region of Abu Dhabi, Ghayathi, UAE**. January 2020 – April 2021.**

EDUCATION

PhD Candidate – (Irrigation and Drainage Engineering) **Sep 2020 – In Progress**

Sindh Agriculture University (SAU), Tandojam, Pakistan

Key Modules: Irrigation Scheduling, Flood Estimation and Control, Special Problem (Irrigation), Lab and Field Techniques in Soil and Water, Advanced Hydrology.

Dissertation:

In progress.

M.E – (Irrigation and Hydraulics Engineering) **Feb 2011 - Sep 2013**

Institute of Water Resource Engineering and Management (IWREM), MUET Jamshoro, Pakistan.

Key Modules: Open Channel Flow, Drainage Engineering, Computational Hydraulics, Design of Hydraulic Structures, Finite Element Modeling, Operational Research, Hydrology, Irrigation & Water Management and Drip Irrigation Design.

Dissertation: "Finite Element Analysis of seepage through Hub Dam by using Geo-Slope Software".

B.E – (Agricultural Engineering) **Jan 2006 - Jan 2010**

Sindh Agriculture University (SAU), Tandojam, Pakistan

Key Modules: Agriculture Processing, Irrigation & Water Management, Farm Management, Agronomy, Farm Machinery, Soil Science, Saline Sodic & Waterlogged Soils, Farm Irrigation Systems, Water Quality, Irrigation Engineering, Post-Harvest Technology, and Water Resource Technology.

Dissertation:

1. Design and calibration of newly fabricated broad crested weir and its comparison with Win-flume software.
2. Survey, design and cost estimation of an unlined watercourse.

EDITORIAL AND REVIEWER EXPERIENCE

- **Member of Review Committee** - International Journal of Science & Engineering Development Research (IJSDR)
- **Member of Review Committee** - SCIREA Journal of Agriculture.
- **Member of Review Committee** - PSM Journals.
- **Member of Review Committee** - ASTESJ Journals.
- **Manuscript reviewer** – Asian Journal of Agricultural Extension, Economics & Sociology (AJAEES).
- **Manuscript reviewer** – International Journal of Environment and Climate Change (IJECC).
- **Manuscript reviewer** - Asian Journal of Research in Crop Science (AJRCS).
- **Manuscript reviewer** - Current Journal of Applied Science and Technology (CJAST).
- **Manuscript reviewer** - International Journal of Plant and Soil Science (IJPSS).
- **Manuscript reviewer** - International Research Journal of Agriculture and Food Sciences (IRJAFS).
- **Manuscript reviewer** - (Elsevier – Information Processing in Agriculture).
- **Manuscript reviewer** - Advances in Science, Technology and Engineering System Journal (ASTESJ).
- **Manuscript reviewer** – Global Journal of Earth and Environmental Science (GJEES).
- **Manuscript reviewer** – Net Journal of Agricultural Sciences (NJAS).
- **Manuscript reviewer** – International Journal of Agricultural Policy and Research (IJAPR).
- **Manuscript reviewer** – International Agricultural Engineering Journal (IAEJ).

TECHNICAL REPORT REVIEW EXPERIENCE

- **SGS Pakistan** – Reviewed technical report for SGS Pakistan related to Soil Testing and give Recommendations. Job Number - (PKL22-00490) – **February 27, 2022.**

PROFESSIONAL SYNOPSIS

- Date Palm Production / Protection and its Management.
- Pesticide prescription and its utilization.
- Cost estimation and breakeven analysis.
- Knowledge of Agricultural Land Survey and Technical Report Writing.
- Designing of Drip and Sprinkler Irrigation systems.
- Research and Development.

PROBLEM SOLVING

- Respond to complaints by discussing the details with staff and recommending solutions.
- Identify problems with farming operations, & take the appropriate action to deal with them.
- Identify problems with the implementation of health and safety procedures, and take the appropriate action to deal with them.
- Adapt negotiation strategies to cope with new circumstances.
- Identify practical solutions when work is backlogged through prioritization & rationalization exercises.

DECISION MAKING

- Make decisions with climatic condition, market, economic, social, and political environments taken in to account.
- Establish supplier evaluation criteria and methods of analysis.
- Establish the parameters for negotiating terms and conditions.
- Make decisions about suggestions for change (e.g. trying out a new service provider) respond to complaints by discussing the details with staff and recommending solutions.

PROFESSIONAL INTERNSHIPS

- Nawab Farms - Six months' internship on basic agriculture.
- SGS - Two weeks' internship on Quality Inspection and Verification.
- Shujabad Canal Department Punjab - Four weeks' internship on Canal Lining.

IT SKILLS

- **Geo-Slope Software - SEEP/W Program** (To Analyze Groundwater Seepage).
- **Geo-Slope Software - SLOPE/W Program** (To Analyze Slope Stability of Hydraulic Structures).
- **Geo-Slope Software - CTRAN/W Program** (To Analyze Contaminant Migration).
- **Geo-Slope Software - SIGMA/W Program** (To Analyze the Stress and Deformation in Soil, Rock, and Structures).
- **Geo-Slope Software - TEMP/W Program** (To Analyze the Freezing Front Propagation around a Pipeline).
- **SLIDE Software** - To Analyze the Seepage of Hydraulic Structures.
- **SimFLOW CFD Software** – To Analyze a Flow Over a Hydraulic Structure.
- **Ansys FLUENT Software** - To Analyze a Flow Over a Hydraulic Structure.
- **Flow-3D** - To Analyze a Flow Over a Hydraulic Structure.
- **Win-Flume Software** - To Analyze a Flow Over a Hydraulic Structure.
- **FlowMASTER Software** – To compute the Flow of Channel.
- **ChannelDesign Software** – To Design a Channel.
- **IRRI-Pro Software** – For Drip Irrigation design and Simulation.
- FORTRAN.
- JD Edward.
- Computer Literacy Program & Office XP.

STRENGTH

- Outstanding Exposure in Farming Operations
- Quality Control& Planning
- Able to deal with different levels of people
- Materials Management & Tracking System
- Desirous for continuous development
- Research and Development
- Proficiency in Computer Applications
- Proficiency in Computer Applications

Honors & Awards

- **2021:** Awarded a certificate of **"Desert Locust Control Campaign – Abu Dhabi 2020"**. Received from (ADAFSA – Agricultural Affairs Division), UAE August 23rd, 2021.
- **2020:** Awarded a certificate of **"Defeat COVID – 19".** Conducted by Gulf Medical University, UAE May 4th – Free online course.
- **2020:** Coursera – Awarded a certificate of **"Discover Best Practice Farming for a Sustainable 2050".**
- **2019:** Coursera – Awarded a certificate of **"Project Management & Other Tools for Career Development".**
- **2019:** Coursera – Awarded a certificate of – **"Research Proposal: Initiating Research".**
- **2019:** Coursera – Awarded a certificate of – **"Project Management: The Basics for Success".**
- **2019:** Coursera – Awarded a certificate of – **"Global Postharvest Loss Prevention: Fundamentals, Technologies, and Actors".**
- **2019:** Coursera – Awarded a certificate of – **"Sustainable Agricultural Land Management".**
- **2019:** Coursera – Awarded a certificate of – **"Introduction to Household Water Treatment and Safe Storage".**

TRAINING & WORKSHOPS ATTENDED

- **ADAFSA** – **Online training** – Vegetable Production in an Open Field – September 20th, 2021.
- **ADAFSA** – **Online training** – Vegetable Production in Green/Net-Houses – September 14th, 2021.
- **ADAFSA** – **Online training** – Soil Management – September 02nd, 2021.
- **ADAFSA** – **Online training** – Dates Harvesting, Packaging, Drying and Storage Operations – August 24th, 2021.
- **ADAFSA** – **Online training** - Good Agricultural Practices in Abu Dhabi – August 23rd, 2021.
- **ADAFSA** – **Online training** - Winter and Summer Cultivation in the Model Agriculture Farm - July 07th, 2021.

- **ADAFSA** – **Online training** - Theoretical Training on Survey and Treatment of the Lesser Date Palm Moth and Dust Mites for the year 2021 – April 12th, 2021.
- **ADAFSA** – **Online training** - Training on the Agricultural Sector's Contribution to the GDP Project (Statistical Survey) 2021 – February 16th - 18th, 2021.
- **ADAFSA** – **Online training** - Theoretical Training on Survey and Treatment of the Borers and Red Palm Weevil for the year 2021 – January 11th, 2021.
- **ADAFSA** – Refresher ADGAP Training and Activities Plan 2021 in (Madinat Zayed City)– March 31st, 2021.
- **ADAFSA** – **Online training** - Implementation of the GIS-Agricultural Registry Project – October 04th, 2021.
- **ADAFSA** –Internal Audit and Implementation Training on "ADGAP" - June 2020.
- **ADFSC** – Irrigation Management within the Intelligent Extension System – December 10th, 2018.
- **ADFSC** – Fertilization of Fruits Trees / Date Palms and Vegetables – November 20th, 2018.
- **ADFSC** – Establishment of orchards / fruit trees – October 25th, 2018.
- **ADFSC** – Nursery management phase– October 15th, 2018.
- **ADFSC** – Smart Extension Dairy Global GAP (Abu Dhabi GAP)– October 10th and 11th, 2018.
- **ADFSC** – Dates Harvesting &Drying – September 04th, 2018.
- **ADFSC** – Invidualization & Second Thinning–May 2th, 2018.
- **ADFSC** – World day for safety & health at work –April 25th, 2018.
- **ADFSC** – Net-House Management Phase 2 and 3 – April 6th, 2018.
- **ADFSC** – Lesser Date Palm Moth & Dust Mite Identification and Field Survey – March 18th& 19th, 2018.
- **ADFSC** – Basics of Planning, Implementing & Evaluating Extension Farm Programs - March 13th, 2018.
- **ADFSC** – Pollination / Bagging / First Thinning of Date Palms –March 6th, 2018.
- **ADFSC** – Field Survey Training for Red Palm Weevil / Stem Borers / Black Scorch – Feb 27th& 28th, 2018.
- **SGS** - Fumigation for Pest Control Local / Export Training – August 26th - 28th, 2013.
- **SGS** - Better Cotton Initiative in Pakistan Training - June 18th - 19th, 2013.
- **SGS** - Unleash the Power Within Workshop - December 08, 2012.

- **ADAFSA** – **On-Farm Training – 3 – 2020** – "Awareness and safety measures for Corona virus (COVID 19)" – March 18th,2020.
- **ADAFSA – On-Farm Training – 2 – 2020** – "Date Palm Pollination and Thinning Phase 01" – March 04th 2020.
- **ADAFSA – On-Farm Training – 1 – 2020** – "Identification and Remedial Measures for Date Palm Pests" – March 04th, 2020.
- **ADAFSA – On-Farm Training – 9 – 2019** – "Identification and Remedial Measures for Date Palm Pests" – September 30th, 2019.
- **ADAFSA – On-Farm Training – 8 – 2019** – "Date Palm Offshoot Removal and new plantation" – September 30th, 2019.
- **ADAFSA – On-Farm Training – 7 – 2019** – "Personal hygiene & Good Agricultural Practices Required for harvesting and food safety" –June 25th, 2019.
- **ADAFSA – On-Farm Training – 6 – 2019** – "Identification and Remedial Measures for Date Palm Pests" – June 25th, 2019.
- **ADAFSA – On-Farm Training – 5 – 2019** – "Identification and Remedial Measures for Date Palm Pests" –April 23rd, 2019.
- **ADFSC – On-Farm Training – 4 – 2019** – "Identification and Remedial Measures for Date Palm Pests" –March 18th, 2019.
- **ADFSC – On-Farm Training – 3 – 2019** – "Integrated Pest Management & Pesticide Usage" – March 18th, 2019.
- **ADFSC – On-Farm Training – 2 – 2019** – "Date Palm Pollination Practices & Thinning" – Feb 14th, 2019.
- **ADFSC – On-Farm Training – 1 – 2019** – "Raising the efficiency & management of irrigation networks" – Feb14th, 2019.
- **ADFSC – On-Farm Training – 9 – 2018** – "Drip irrigation, filtration and maintenance of irrigation systems." –November 7th, 2018.
- **ADFSC – On-Farm Training – 8 – 2018** – "Importance of Manual Process for the Date Palms Fronds Pruning." –September 20th, 2018.
- **ADFSC – On-Farm Training – 7 – 2018** – "Importance of Agricultural Waste Management in Farms" –July 2nd, 2018.
- **ADFSC – On-Farm Training – 6 – 2018** – "Importance of Personal Hygiene during Harvesting and Storage of Date Fruits" –July 2nd, 2018.
- **ADFSC – On-Farm Training – 5– 2018** – "Date Palm Pests& Traps Management Techniques" – April 5th, 2018.
- **ADFSC – On-Farm Training – 4– 2018** – "Date Palm Pests& Traps Management Techniques" – April 4th, 2018.
- **ADFSC – On-Farm Training – 3– 2018** – "Date Palm Pests& Traps Management Techniques" – April 3rd, 2018.
- **ADFSC – On-Farm Training – 2– 2018** – "Date Palm Pests& Traps Management Techniques" – April 2nd, 2018.

- **ADFSC – On-Farm Training – 1 – 2018** – "Irrigation / Water Management for the Date Palm Tree" – March 20th, 2018.
- **ADFSC – (Analysis of Farm Irrigation System – Ghayathi)** "453 Farms Covered" – (Dec 6th, 2017 - Mar 01st, 2018).
- **ADFSC –** Irrigation System and Water Quality Survey for "Farm 295" – March 14th, 2018.
- **ADFSC –** Irrigation System and Water Quality Survey for "Farm 210" – January 4th, 2018.
- **SGS** –Executed Agricultural work for Gharo Farmhouse (Citrus, &Banana plants), - July 08 - 23, 2013.
- **SGS** – Farm Surveyed for client Siddiq Sons Agro Farms, Sanghar, Sindh Pakistan - May 26, 2013.
- **SGS** – Farm Surveyed for client AWK Agricultural Farms, Badin, Sindh, Pakistan, - April 26, 2013.
- **SGS** – Farm Surveyed for client A & M Farms, Ghangwal, Punjab, - April 08, 2013.
- **SGS** - Farm Surveyed for client Jahanzaib Farmhouse, Nooriabad Sindh, Pakistan, -January 01, 2013.
- **SGS** - Farm Surveyed for client Ghaaro Farmhouse, Sindh, Pakistan, - October 18, 2012.

PERSONAL DETAILS

Father Name	:	Abdul Rashid Arshad
Nationality	:	Pakistani
Date of Birth	:	25th March 1985
Passport No.	:	CT1914623
PEC License	:	AGRI/03217
Driving License	:	Valid UAE Driving License
Marital Status	:	Married
Languages		English, Arabic, Urdu, Hindi, Sindhi, Punjabi, & Siraiki

LIST OF SCIENTIFIC RESEARCH PUBLICATIONS

1) **Imran Arshad,** Muhammed Umer Rabbani, Zaheer Ahmed Khan, and Wajiha Ali (2021). **Impact of Vocational Agricultural Training Programs on the Promotion of Date Palm Cultivation in Ghayathi, United Arab Emirates**. Int. J. Altern. Fuels. Energy., 5(2): 16-20. https://journals.psmpublishers.org/index.php/ijafe/article/view/582/460
2) Issam, R.,Bachir, B., Abdelaziz, R., **Arshad,I** (2020). **Computation of Seepage through a Non-Homogeneous Earth Dam by Using (SEEP/W) Software**. PSM Biol. Res., 5(4): 137-146.https://psmpublishers.org/issues/computation-of-seepage-through-a-non-homogeneous-earth-dam-by-using-seep-w-software/
3) **Imran Arshad,** and Muhammed Muneer Babar (2020). **Finite Element Analysis of Seepage and Exit Gradient through a Homogeneous Earth Dam without Cut-Off Walls by using Geo-Slope (SEEP/W) Software.** PSM Biol. Res., 5(3): 117-125. https://psmpublishers.org/issues/finite-element-analysis-of-seepage-and-exit-gradient-through-a-homogeneous-earth-dam-without-cut-off-walls-by-using-geo-slope-seep-w-software/
4) **Imran Arshad** (2020). **"A Review on a Sustainable Cotton (Gossypium hirsutum) Production"**. PSM Biol. Res., 5(1): 24-31. https://journals.psmpublishers.org/index.php/biolres/article/view/424/322
5) **Imran Arshad** (2020). **"Importance of Drip Irrigation System Installation and Management – A Review"**. PSM Biol. Res., 5(1): 24-31. https://psmpublishers.org/issues/importance-of-drip-irrigation-system-installation-and-management-a-review/
6) **Imran Arshad,** Zaheer Ahmed Khan, Clea Anne Vallejera**,** and Nazeer Hussain Shah**,** (2019). **"The Role of Punjab Agricultural Extension Services in Promoting Cotton Cultivation: Case Study"**. PSM Biol. Res., 4(3): 100-107. https://psmpublishers.org/issues/the-role-of-punjab-agricultural-extension-services-in-promoting-cotton-cultivation-case-study/
7) Zaheer Ahmed Khan, Shakeel Hussain Chattha, Khalil Ahmed Ibupoto, Shakeel Ahmed Soomro, **Imran Arshad**, and Liaquat Ali Jafferi (2019). "**Thermal treatments for enhancing the dormancy of cotton (Gossypium) seed".** Pure Appl. Biol., 8(3): 1999-2006. https://thepab.org/index.php/journal/article/view/1007/652
8) **Imran Arshad,** Zaheer Ahmed Khan, and Nazeer Hussain Shah**,** (2019). **"Effect of Hoagland and Arnon Nutrient Solution on the Growth and Yield of Mango (Mangiferaindica L.) by Using Stem Injection Technique".** Int. J. Altern. Fuels. Energy., 3(2): 25-30. https://psmpublishers.org/issues/effect-of-hoagland-and-arnon-nutrient-solution-on-the-growth-and-yield-of-mango-mangifera-indica-l-by-using-stem-injection-technique/
9) **Imran Arshad,** (2019). **Technical Article (Opinion)-"Impact of High Density Orchards in Crop Efficiency, High Yield and Fruit Quality".** PSM Biol. Res., 4(2): 87-88. https://psmpublishers.org/issues/impact-of-high-density-orchards-in-crop-efficiency-high-yield-and-fruit-quality/

10) **Imran Arshad,** Nazeer Hussain Shah, and Clea Anne Vallejera**,** (2019). **"Effect of different levels of Irrigation on the Growth and Yield of Rhodes Grass (*Chloris gayana* L. Kunth.) under the Agro-Climatic Conditions of Multan, Pakistan".** Int. J. Altern. Fuels. Energy., 3(1): 13-21. https://psmpublishers.org/issues/effect-of-different-levels-of-irrigation-on-the-growth-and-yield-of-rhodes-grass-chloris-gayana-l-kunth-under-the-agro-climatic-conditions-of-multan-pakistan/

11) **Imran Arshad,** Muhammed Muneer Babar, and Clea Anne Vallejera**,** (2019). **"Computation of Seepage and Exit Gradient through a Non-Homogeneous Earth Dam without cut-off walls by using Geo-Slope (SEEP/W) Software"**. PSM Biol. Res., 4(1): 40-50. https://psmpublishers.org/issues/computation-of-seepage-and-exit-gradient-through-a-non-homogeneous-earth-dam-without-cut-off-walls-by-using-geo-slope-seep-w-software/

12) **Imran Arshad,** Muhammed Muneer Babar, and Clea Anne Vallejera**,** (2019). **"Numerical Analysis of Seepage and Exit Gradient through a Non-Homogeneous Earth Dam without Impervious Core by using Geo-Slope Software"**. Int. J. Altern. Fuels. Energy., 3(1): 1-12. https://psmpublishers.org/issues/numerical-analysis-of-seepage-and-exit-gradient-through-a-non-homogeneous-earth-dam-without-impervious-core-by-using-geo-slope-software/

13) **Imran Arshad,** Clea Anne Vallejera**,** and Zaheer Ahmed Khan, (2018). **"Finite Element Analysis of Phosphate Movement through a Clayey-Sandy Soil by using Geo-Slope Software (CTRAN/W)"**. PSM Biol. Res., 4(1): 20-28. https://psmpublishers.org/wp-content/uploads/2018/12/BR-2018-057.pdf

14) Nazeer Hussain Shah, **Imran Arshad,** and Zaheer Ahmed Khan, (2018). **"Effect of Different Levels of Water Stress on the Growth and Yield of Mango (*Mangiferaindica L.*) by Using Drip Irrigation Technology"**. Int. J. Altern. Fuels. Energy., 2(2): IJAFE-2018-012. https://psmpublishers.org/issues/eff%D0%B5ct-of-different-levels-of-water-stress-on-the-growth-and-yield-of-mango-mangifera-indica-l-by-using-drip-irrigation-technology/

15) **Imran Arshad,** and Muhammed Muneer Babar, (2018). **"Computation of Seepage and Exit Gradient through a Homogeneous Earth Dam without Filter Drain by using Geo-Slope (SEEP/W) Software"**. PSM Biol. Res., 3(3): 99-105. https://journals.psmpublishers.org/index.php/biolres/article/view/198/152

16) **Imran Arshad**, (2018). **"Finite Element Analysis of Seepage and Exit Gradient underneath Jinnah Barrage Weir Foundation by Using Geo-Slope (Seep/W) Software"**. Published in Int. J. Altern. Fuels. Energy., 2(1): 01-13. https://journals.psmpublishers.org/index.php/ijafe/article/view/184/141

17) **Imran Arshad**, Muhammed Muneer Babar, and Muhammed Irfan, (2018). "**Numerical Analysis of Seepage Losses in an Earthen Canal by SEEP/W Simulations**". Published in PSM Biological Res. Journal, 3(2): 48-56. https://journals.psmpublishers.org/index.php/biolres/article/view/166/123

18) **Imran Arshad**, Omair Faroqui, and Wajiha Ali, (2017) **"Impact of Agricultural Engineering Practices on Farm Management: A Case Study of Gharo Model Farm".** Published in PSM Biological Research Journal Vol.2(1), January 10, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/54/30

19) **Imran Arshad**, (2017) "**Effect of Water Stress on the Growth and Yield of Greenhouse Cucumber (Cucumissativus L.)".** Published in PSM Biological Research Journal Vol.2 (2), February 03, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/61/35

20) **Imran Arshad**, Muhammed Irfan, Zaheer Ahmed Khan, and Barkat Nindwani., 2017. "**Effect of Water Stress on the Growth and Yield of Sweet Pepper (Capsicum annum L.) under Greenhouse Conditions"**. PSM Biol. Res., 2(3): 137-141. https://journals.psmpublishers.org/index.php/biolres/article/view/75/47

21) **Imran Arshad**, Muhammed Muneer Babar, and Natasha Javed, (2017) **"Numerical Analysis of Seepage and Slope Stability in an Earthen Dam by Using Geo-Slope Software".** Published in PSM Biological Research Journal Vol.2(1), January 10, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/47/26

22) **Imran Arshad**, Muhammed Muneer Babar, (2017). **"Finite Element Analysis of Seepage and Exit Gradient through a Non-Homogeneous Earth Dam without Filter Drain"**. Published in Int. J. Altern. Fuels. Energy., 1(1): 1-8. https://psmpublishers.org/issues/finite-element-analysis-of-seepage-and-exit-gradient-through-a-non-homogeneous-earth-dam-without-filter-drain/

23) **Imran Arshad**, Muhammed Muneer Babar, and Natasha Javed, (2017) **"Prediction of Temperature Gradient and Soil Water Content through a Sandy Clayey Soil by TEMP/W Simulations".** Published in PSM Biological Research Journal Vol.2(2), February 13, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/62/36

24) **Imran Arshad**, and Atta Ur Rehman Abbasi, (2017) **"Comparison of Pre-Cooling Unit with Normal Refrigeration under Control Atmosphere Storage".** Published in PSM Biological Research Journal Vol.2(1), January 10, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/42/24

25) **Imran Arshad**, (2017) **"Effect of Different Levels of Water Soluble NPK$_{(20\text{-}20\text{-}20)}$ Fertilizer on the Growth and Yield of White Radish (Raphanussativus L.)".** Accepted by PSM Biological Research Journal Vol.2(2), February 14, 2017. https://journals.psmpublishers.org/index.php/biolres/article/view/63/37

26) **Imran Arshad,** Hafeez -ur- Rehman Mangio, and Zaheer Ahmed Khan**,** (2016) **"Impact of City Effluent on Agricultural Land at Sharafi Goth, Malir – Karachi".** Published in International Journal of Environmental Science and Technology (IJEST) Vol.1(1), pp.1-6, January 2016. https://www.academia.edu/42989292/Impact_of_City_Effluent_on_Agricultural_Land_at_Sharafi_Goth_Malir_-Karachi

27) **Imran Arshad**, Wajiha Ali, Zaheer Ahmed Khan, and Waqar Ahmed Bhayo, (2016) **"Effect of Water Stress on the Growth and Yield of Rhodes Grass (Chloris Gayana. L. Kunth.)".** Published in PSM Biological Research Journal Vol.1 (2), pp.58-61, September 19, 2016. https://journals.psmpublishers.org/index.php/biolres/article/view/29/16

28) **Imran Arshad,** Muhammed Muneer Babar, and Natasha Javed, (2016) **"Numerical Analysis of Drawdown in an Unconfined Aquifer due to Pumping Well by SIGMA/W and SEEP/W Simulations".** Published in Advances in Science, Technology and Engineering Systems Journal (ASTESJ) Vol.1 (1), pp.11-18, April 2016. https://www.researchgate.net/publication/304347246_Numerical_Modeling_of_Phosphate_Movement_through_the_Sandy_Loamy_Clayey_Soil_by_CTRANW_Simulations

29) **Imran Arshad**, Khalid Muhammed Medani and Zaheer Ahmed Khan (2016) **"Integrated Impact of Nitrogen and Phosphorus on Rhodes Grass under Ghotki Environment".** Published in Journal of Agricultural Research, JAR – Pakistan Vol-54, Issue-4, October – December 2016. https://apply.jar.punjab.gov.pk/upload/1487827287_125_7._JAR_421.pdf

30) **Imran Arshad**, and Ali Raza Shah, (2016) "**Fuel Consumption Evaluation of Different Forage Harvesting Implements Used for the Harvesting of Rhodes Grass**". Published in Science International Research Journal – Lahore, Vol.28(5), October 14, 2016. http://www.sci-int.com/pdf/4443373591%20a%204691-4696%20Imran%20Arshad--AGRI--TANDO--14-10-16.pdf

31) **Imran Arshad**, Wajiha Ali, Zaheer Ahmed Khan, and Waqar Ahmed Bhayo, (2016) **"Effect of Nitrogen and Phosphorus on the Growth and Yield of Alfalfa (Medicago sativa L.) under Agro-Climatic Conditions of Tando Adam".** Published in PSM Biological Research Journal Vol.1 (2), pp.69-73, September 24, 2016. https://journals.psmpublishers.org/index.php/biolres/article/view/36/21

32) **Imran Arshad,** and Wajiha Ali, (2016) **"Effect of Foliar Application of Zinc on Growth and Yield of Guava (PsidiumGuajava L.)".** Published in Advances in Science, Technology and Engineering Systems Journal (ASTESJ) Vol.1(1), pp.19-22, April 2016. https://astesj.com/v01/i01/p03/

33) **Imran Arshad** (2015) **"Numerical Analysis of Phosphate Movement through the Sandy Loamy Clayey Soil by CTRAN/W Simulations"**. Published in Advanced Journal of Agricultural Research, Vol. 3 (1) 089-097, November, 2015. https://advancedscholarsjournals.org/full-articles/numerical-modeling-of-phosphate-movement-through-the-sandy-loamy-clayey-soil-by-ctranw-simulations.pdf?view=inline

34) **Imran Arshad**, Muhammed Munir Babar, and Asadullah Sarki (2015) **"Computation of Seepage Quantity in an Earthen Watercourse by SEEP/W Simulations Case Study: "1R Qaiser Minor" - Tando Jam-Pakistan".** Published in Advanced Journal of Agricultural Research, Vol. 3 (1) 082-088, November, 2015. https://advancedscholarsjournals.org/full-articles/computation-of-seepage-quantity-in-an-earthen-watercourse-by-seepw-simulations-case-study-1r-qaiser-minor-tando-jam-pakistan.pdf?view=inline

35) **Imran Arshad,** Asadullah Sarki, and Zaheer Ahmed Khan (2015) **"Analysis of Water Transmission Behavior in Sandy Loam Soil under Different Tillage Operations of Mould Board Plough applying /Using Different Infiltration Models".** Published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 3, Issue VII, July 2015. https://www.ijraset.com/fileserve.php?FID=2845

36) **Imran Arshad**, Asadullah Sarki, and Zaheer Ahmed Khan (2015) **"Effect of Gypsum on the Reclamation of Saline-Sodic Soil in Arid Region of Jacobabad, Sindh-Pakistan"**. Published in International Journal of Soil Science and Agronomy, Vol. 2 (4) 074-078, November, 2015. https://advancedscholarsjournals.org/full-articles/effect-of-gypsum-on-the-reclamation-of-saline-sodic-soil-in-arid-region-of-jacobabad,-sindh-pakistan.pdf?view=inline

37) **Imran Arshad**, IhabIkram Hanaffy, Miles Bly, Ravi Yerla, Liaquat Ali Jamali and Zaheer Ahmed Khan, (2015) **"Assessment of the Performance of Pre-Cooling Unit under Control Atmosphere Storage"**. Published in American-Eurasian J. Agric. & Environ. Sci., 15 (12): 2331-2336, 2015. https://www.idosi.org/aejaes/jaes15(12)15/2.pdf

38) **Imran Arshad**, (2015) **"Analysis of Groundwater Quality Variation from Liwa (Mizaira'a) to Madinat Zayed and Ghayathi, UAE"**. Published in Advanced Journal of Environmental Science and Technology, Vol. 1 (1) 096-100, November, 2015. https://advancedscholarsjournals.org/full-articles/analysis-of-groundwater-quality-variation-from-liwa-(mizaira-a)-to-madinat-zayed-and-ghayathi,-uae.pdf?view=inline

39) **Imran Arshad** (2015) **"Effect of Different Levels of Fertilizers on the Growth and Yield of Cotton under Different Tillage Operations of Raja Plough (MB Plow)".** Published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 3, Issue V, May 2015. https://www.ijraset.com/fileserve.php?FID=2190

40) **Imran Arshad** (2015) **"Performance of Different Rhodes Grass Varieties under the Agro-Climatic Conditions of Sindh, Pakistan".** Published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 3, Issue VII, July 2015. https://www.ijraset.com/fileserve.php?FID=2846

41) **Imran Arshad** (2015) **"Effect of Different Levels of Water Soluble NPK (20-20-20) Fertilizers on the Growth and Yield of Carrot (DaucusCarota l.) by Using Drip Irrigation Technology".** Published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Volume 3, Issue V, May 2015. https://www.ijraset.com/fileserve.php?FID=2483

42) **Imran Arshad** (2015) **"Integrated Application of NPK Fertilizers on the Growth and Yield of Guava (PsidiumGuajava L.) in Arid Region of Lower Sindh, Pakistan"**. Published in International Research Journal of Plant and Crop Sciences, Vol. 2 (1) 019-023, November, 2015. https://advancedscholarsjournals.org/full-articles/integrated-application-of-npk-fertilizers-on-the-growth-and-yield-of-guava-(psidium-guajava-l)-in-arid-region-of-lower-sindh,-pakistan.pdf?view=inline

43) **Imran Arshad** (2015) **"Impact of Integrated Application of NPK Fertilizers on Growth and Yield of Sapota (Achrassapota L.) under Agro-Ecological Zone of Gharo"**. Published in International Research Journal of Plant and Crop Sciences, Vol. 2 (1) 015-018, November, 2015. https://advancedscholarsjournals.org/full-articles/impact-of-integrated-application-of-npk-fertilizers-on-growth-and-yield-of-sapota-(achras-sapota-l.)-under-agro-ecological-zone-of-gharo.pdf?view=inline

44) **Imran Arshad**, Paolo Savona and Zaheer Ahmed Khan (2014) **"Designing a Drip / Trickle Irrigation System by Using IrriPro Software (Case Study: Gharo Model Farm, Sindh – Pakistan)"**. Published in International Journal of Research (IJR), Vol-1, Issue-11, December 2014. https://www.irriworks.com/downloads/Designing%20a%20Drip%20Irrigation%20System%20By%20Using%20Irripro%20Software_Imran-Arshad.pdf

45) **Imran Arshad**, Paolo Savona and Zaheer Ahmed Khan (2014) **"Analysis of Trickle / Drip Irrigation Uniformity by IRRIPRO Simulations"**. Published in International Journal of Research (IJR), Vol-1, Issue-8, September 2014. https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.673.1728&rep=rep1&type=pdf

46) **Imran Arshad** and M.M. Baber (2014**) "Finite Element Analysis of Seepage through an Earthen Dam by using Geo-Slope (SEEP/W) software".** Published in International Journal of Research (IJR), Vol-1, Issue-8, September 2014. https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.673.5139&rep=rep1&type=pdf

47) **Imran Arshad** and M.M. Baber (2014) **"Comparison of SEEP/W Simulations with Field Observations for Seepage Analysis through an Earthen Dam (Case Study: Hub Dam - Pakistan)".** Published in International Journal of Research (IJR), Vol-1, Issue-7, August 2014. https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.677.5027&rep=rep1&type=pdf

48) **Imran Arshad**, Wajiha Ali and Zaheer Ahmed Khan (2014) **"Influence of Water Soluble NPK Fertilizers on the Growth and Yield of Greenhouse Pepper (Capsicum Annum L.) by Using Drip Irrigation Technology"**. Published in International Journal of Research (IJR), Vol-1, Issue-11, December2014. https://journals.pen2print.org/index.php/ijr/article/view/1097/1038

49) **Imran Arshad,** Wajiha Ali and Zaheer Ahmed Khan (2014) **"Effect of Different Levels of NPK Fertilizers on the Growth and Yield of Greenhouse Cucumber (Cucumis Sativus) By Using Drip Irrigation Technology"**. Published in International Journal of Research (IJR), Vol-1, Issue-8, September 2014. https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.670.9446&rep=rep1&type=pdf

50) **Imran Arshad**, Khalid Medani and Zaheer Ahmed Khan (2014) **"Effect of Manual and Artificial Application of NPK Fertilizers on the Growth and Yield of Rhodes Grass (Chloris Gayana L. Kunth.) by Using Central Pivot Irrigation Technology"**. Published in International Journal of Research (IJR), Vol-1, Issue-7, August 2014. https://journals.pen2print.org/index.php/ijr/article/view/431/392

51) Muneer Ahmed Mangrio, Ghulam Chanar, Irfan Ahmed Shaikh and **Imran Arshad** (2011) **"Design and Calibration of Newly Fabricated Broad Crested Weir and its Comparison by Win-flume Model"** Life Sciences International Journal, Volume -5 No.1 June 2011. https://www.researchgate.net/publication/304346660_Design_and_Calibration_of_Newly_Fabricated_Broad_Crested_Weir_and_its_Comparison_by_Win-flume_Model

List of Scientific Research Publications Reviewed for International Journals

1) **Radionuclide transfer ratio from soil to crops in selected fertilized farms and estimation of its health risk in rivers state of Nigeria (2022).** Reviewed for **Physical Science International Journal (PSIJ).**, Manuscript Number **Ms-PSIJ-85548 2022.** https://www.journalpsij.com/index.php/PSIJ/index
2) **Environmental Science as rooted in the Indian Scriptures (2022).** Reviewed for **Advances in Science, Technology and Engineering System Journal (ASTESJ).**, Manuscript Number **Ms-22M-02-043 2022.** https://www.astesj.com
3) **Spatial variation of micronutrients in soil and leaf and their correlation studies under HDP apple orchards of north Kashmir (2022).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-85069 2022.** https://www.journalijpss.com/index.php/IJPSS/index
4) **Effect of Poultry Manure and Wood Ash on the Growth and Yield of Cucumber (Cucumis sativum L.) in Owerri Southeastern Nigeria (2022).** Reviewed for **Net Journal of Agricultural Science (NJAS).**, Manuscript Number **Ms-NJAS-2022-006.** http://www.netjournals.org/agricsci_index.html
5) **Effect of Zinc and Iron Fertilization on Soil Nutrient Status of Direct Sown Rice (2022).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-84269 2022.** https://www.journalijpss.com/index.php/IJPSS/index
6) **Categorization of Drains on the basis of Biochemical Oxygen Demand- A Novel Approach (2022).** Reviewed for **International Journal of Environment and Climate Change (IJECC).**, Scientific Research Manuscript Number - **Ms-IJECC-83420 2022.** https://www.journalijecc.com/index.php/IJECC
7) **Bio-chemical Evaluation and Workout the economics of Guava Nectar (2022).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-80892 2022.** https://www.journalijpss.com/index.php/IJPSS/index
8) **Growth, Instability and Decomposition analysis of Nutri cereals in Tamil Nadu (2021).** Reviewed for Asian Journal of Agricultural Extension, Economics & Sociology **(AJAEES).**, Scientific Research Manuscript Number - **Ms-AJAEES-80656 2021.** https://www.journalajaees.com/index.php/AJAEES
9) **Estimating genetic parameters for DSSAT CROPGRO-Cotton model calibration and validation (2021).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-78969 2021.** https://www.journalijpss.com/index.php/IJPSS/index
10) **Sensory testing and consumer acceptability of released orange-fleshed sweet potato in Central and Northern Côte d'Ivoire (2021).** Reviewed for **Journal of Advances in Biology and Biotechnology (JABB).**, Scientific Research Manuscript Number - **Ms-JABB-76286 2021.** https://jabonline.in
11) **Effect of different nutrient management practices on Productivity and Profitability of Double Zero Indian Mustard (Brassica juncea L.) (2021).** Reviewed for **International Journal of Environment and Climate Change (IJECC).**, Scientific Research Manuscript Number - **Ms-IJECC-75597 2021.** https://www.journalijecc.com/index.php/IJECC

12) **Drip irrigation fertigation and the levels of growth yield high density summer sweetcorn (2021).** Reviewed for **International Journal of Environment and Climate Change (IJECC).**, Scientific Research Manuscript Number - **Ms-IJECC-75568 2021.** https://www.journalijecc.com/index.php/IJECC
13) **Environmental Control of Plant Primary Metabolism: Exploitation of Plant Plasticity in Perennial and Tree Crops (2021).** Reviewed for **Asian Journal of Research in Crop Science (AJRCS).**, Scientific Research Manuscript Number - **Ms-AJRCS-74058 2021.** https://www.journalijpss.com/index.php/IJPSS/index
14) **Frequent and Extreme Climate Events in the Bouregerg Watershed (Morocco) (2021).** Reviewed for **Advances in Science, Technology and Engineering System Journal (ASTESJ).**, Manuscript Number **Ms-21M-08-633 2021.** https://www.astesj.com
15) **Studies on the effect of silica (DE) for the yield and quality of mango c.v kesar (2021).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-71372 2021.** https://www.journalijpss.com/index.php/IJPSS/index
16) **Asses the Financial Viability of Sapota Orchard in South Gujrat Region (2021).** Reviewed for **International Journal of Plant and Soil Science (IJPSS).**, Manuscript Number **Ms-IJPSS-73041 2021.** https://www.journalijpss.com/index.php/IJPSS/index
17) **Balanced fertilization for improved nutrient use efficiency and mulberry productivity.** Reviewed for **International Journal of Plant and Soil Science (IJPSS) (2021).**, Manuscript Number **Ms-IJPSS-72981 2021.** https://www.journalijpss.com/index.php/IJPSS/index
18) **Influence of detopping on fodder, grain yield and economics of rainfed maize (*Zea mays L.*) (2020).** Reviewed for **Current Journal of Applied Science and Technology (CJAST).**, Manuscript Number **Ms-CJAST-61895 2020.** https://www.journalcjast.com/index.php/CJAST
19) **Effect of Foliar Feeding of Selected Nutrients on Tissue Concentration of Papaya (2017).** Reviewed for **Information Processing in Agriculture (IPA)**, Manuscript Number **IPA_2017_110, October Edition 2017.** https://www.sciencedirect.com/journal/information-processing-in-agriculture
20) **Interaction of Chemical, Physicochemical, and Geotechnical Soil Properties of Anambra State Gully Erosion Sites (2016).** Reviewed for **Global Journal of Earth and Environmental Science (GJEES)**, Manuscript Number **GJEES-16.07.16-006, July Edition 2016.** http://www.integrityresjournals.org/gjees/index.html
21) **Fracture Resistance of Paddy as Influenced by Moisture, Variety, Orientation and Loading Rate under Quasi-Static Compressive Load (2016).** Reviewed for **International Agricultural Engineering Journal (IAEJ)**, Manuscript Number **IAEJ-2018-144, July Edition 2016.** https://cigrjournal.org/index.php/iaej
22) **Estimation of Water Requirements for producing Irrigated Rice in River Valley Bottom at Central Agricultural Station, Kumasi Ghana (2016).** Reviewed for **Prudent Journals**, Manuscript Number **PRJA-11683616, May Edition 2016.** http://prudentjournals.org/IRJAFS/
23) **Assessment of Soil Nutrients under Maize Intercropping System Involving Soybean.** Reviewed for **Prudent Journals**, Manuscript Number **PRJA-14314759, April Edition 2016.** http://prudentjournals.org/IRJAFS/

24) **Integrated Application of Fertilizer and Compost on Water Transmission Behavior and Yield of Wheat under Different Tillage Systems (2014).** Reviewed for **International Journal of Agricultural Policy and Research**, Manuscript Number **IJAPR-14-232, December Edition 2014.** http://www.journalissues.org/IJAPR/
25) **Water use efficiency and water productivity in the Spanish irrigation district, Río Adaja (2014).** Reviewed for **International Journal of Agricultural Policy and Research**, Manuscript Number **IJAPR-14-219, October Edition 2014.** http://www.journalissues.org/IJAPR/
26) **Application Uniformity and Pressure Variation of Microtube emitter of Trickle Irrigation System (2014).** Reviewed for **Net Journal of Agricultural Science**, Manuscript Number **NJAS-2014-045, October Edition 2014.** www.netjournals.org
27) **Influence of Chicken Manure and NPK (17-17-17) on Growth and Yield of Carrot (Daucus Carota L.) (2014).** Reviewed for **Net Journal of Agricultural Science**, Manuscript Number **NJAS-2014-041, September Edition 2014.** www.netjournals.org
28) **Screening of Forage Grasses in Saline Soil (2014).** Reviewed for **Net Journal of Agricultural Science**, Manuscript Number **NJAS-2016-021, June Edition 2014.** www.netjournals.org

List of Technical News Articles

1. **Imran Arshad (2012)** "Green Fodder – A Critical Resource" published in SGS Pakistan Pvt. Ltd. News Letter September 2012.