

**LINKAGES WITH INDUSTRIES/ORGANIZATIONS AT NATIONAL LEVEL
(Up to the end of Financial Year 2007-08)**

Organization	Description of Research Linkages
1. Memorandum of understanding (MOU) between Pakistan Dairy Development Company (PDDC), Lahore and University of Agriculture, Faisalabad	To share their human resources, training facilities and other R&D infrastructure for helping each other to achieve Livestock Development in the Country
2. MOU between The Brooke Pakistan and University of Agriculture, Faisalabad	The University can benefit from The Brooke's experienced human resources and well organized facilities in equine welfare. The MOU will be particularly useful for the diagnostic and research facilities not only for the DVM and postgraduates students but also for the faculty members
3. MOU between Baha-ud-Din Zakariya University, Multan and University of Agriculture, Faisalabad	Collaboration in research with emphasis on livestock and agricultural production, biotechnology, resource conservation and management and other areas deemed to be of common benefit for both the parties
4. MOU between Nuclear Institute for Agriculture & Biology Faisalabad and University of Agriculture, Faisalabad	1) Collaborative efforts shall be made in developing joint research projects in the field of all disciplines of both the institutions 2) NIAB will provide internship facilities to the undergraduate students of different disciplines of the University of Agriculture, Faisalabad
5. MOU between Livestock & Dairy Development Board and University of Agriculture, Faisalabad	To share their human resources, training facilities and other R&D infrastructure for helping each other to achieve livestock development in the country

**LINKAGES WITH INDUSTRIES / ORGANIZATIONS AT INTERNATIONAL LEVEL
(Upto the end of Financial Year 2007-08)**

Organization	Description of Research Linkages
1. MOU between Graduate School of Science and Technology, Kobe University, Japan and University of Agriculture, Faisalabad	Each of the two institutions will be exempted from paying the prescribed admission fee, tuition and general fees for the exchange of students
2. MOU between Sultan Qaboos University (SQU), Muscat, Oman and University of Agriculture, Faisalabad	Creation of opportunities for the development of mutual research interests such as: joint research projects, scholarly conferences, language training
3. MOU between Agricultural College – Sana'a University – Republic of Yemen and University of Agriculture, Faisalabad	Collaboration of both the institutes in the following programs: a. Use of scientific equipment and conduction of detailed analysis b. To benefit from the available Libraries and Information Network at both the places c. To attend the conferences, scientific seminars and training courses at each other's institute d. To publish research findings in the magazines and scientific periodicals issues/published at UAF and Sana'a University

<p>4. MOU between University of Agriculture, Faisalabad and IOWA State University, USA.</p>	<p>The objectives of this linkage are to develop long-term activities</p> <ol style="list-style-type: none"> 1. Long-term and short-term exchanges of faculty and staff: Sabbaticals, faculty improvement, visiting professorships, research collaboration and other activities in areas of mutual interest and expertise are contemplated 2. Programs relating to research, teaching and/or outreach: "These programs may encompass any discipline to the extent that suitable counterparts exist and may include, but are not limited to, seminars conferences and workshops held by the two universities 3. Bilateral exchange of students: Students who meet regular admission requirements of the host institution may be admitted to academic programs. The term(s) of attendance, costs and course of study will be determined for international students of both the Universities
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INFORMAL LINKAGES WITH INDUSTRY/ORGANIZATIONS AT NATIONAL AND INTERNATIONAL LEVELS

FACULTY OF AGRICULTURE

Department of Agronomy

- Ministry of Environment, Government of Pakistan
- Pakistan Meteorological Department (PMD)
- Global Change Impact Study Centre (GCISC)
- Auriga Chemicals, 33 K.M. Multan Road, Lahore

Department of Plant Pathology

Correspondence is being carried out with some pesticide companies to develop linkages for projects of mutual benefits for testing newly introduced chemicals in the market and to get the biological products tested and registered.

FACULTY OF AGRICULTURAL ECONOMICS & RURAL SOCIOLOGY

Department of Agricultural Economics

1. Academic Industry Collaboration for Pak-China Economic relations. Dr. M. Siddique Javed is a member of Standing Committee on Pak-China Economic Relations, LCCI
2. Production Economics Division, Agricultural Policy Institute, Islamabad
3. Pakistan Institute of Development Economics (PIDE), Islamabad
4. INPIM.
5. Sustainable Development Policy Institute, Islamabad
6. Planning Commission, Islamabad

7. Social Sciences Institute, National Agricultural Research Center, Islamabad
8. Punjab Economic Research Institute, Lahore
9. Planning and Development Board, Lahore
10. WTO Cell, Planning and Development Board, Lahore
11. Small and Medium Enterprise Development Authority, Ministry of Industries, Production & Special Initiatives, Lahore
12. Agricultural Extension & Adaptive Research, Punjab Lahore
13. Agribusiness Support Fund (ASF), Lahore
14. Pakistan Dairy Development Company, Lahore
15. Planning and Evaluation Cell, Lahore
16. WWF-Pakistan. EC-TCP, Fresh Water and Toxics Program, Lahore
17. Ayub Agricultural Research Institute, Faisalabad
18. The Bank of Punjab, Regional Office, Faisalabad
19. Punjab Rural Support Programme (PRSP), Faisalabad
20. Ayub Agricultural Research Institute, Faisalabad (Adaptive Research)

Department of Development Economics

(i) International Linkage

- International Network on Participatory Irrigation Management (INPIM), (Dr. Intizar Hussain, Executive Director)
- International Water Management Institute (IWMI)

(ii) National Linkages

- Pakistan Agricultural Research Council (PARC), HEC, Asia Link program started by the European Union and SDPI

- Farming Community
- NGO's (Lok Sanjh, Action-Aid)
- Government Organizations
- Pakistan Institute of Development Economics (PIDE)
- National Rural Support Program
- United Nations Development Program (UNDP)
- Punjab Economic Research Institute (PERI) and
- Punjab Agricultural Research Board (PARB)

Department of Environmental & Resource Economics

(i) International Linkage

- International Network on Participatory Irrigation Management (INPIM)
- International Water Management Institute (IWMI)

(ii) National Linkages

- Pakistan Agricultural Research Council (PARC), HEC, Asia Link program started by the European Union and SDPI.
- Farming Community
- NGO's (Lok Sanjh, Action-Aid)
- Government Organizations
- Pakistan Institute of Development Economics (PIDE)
- National Rural Support Program
- Pakistan Agricultural Research Council (PARC)
- United Nation's Development Program (UNDP)
- Punjab Economic Research Institute (PERI) and
- Punjab Agricultural Research Board (PARB)

Department of Agricultural Marketing and Agricultural Business

1. Pakistan Agricultural Marketing Company (PAMCO)
2. Pakistan Horticulture Development and Export Board (PHDEB)
3. Agribusiness Development Project, Ministry of Food, Agriculture and Livestock (MINFAL), Government of Pakistan

FACULTY OF AGRICULTURAL ENGINEERING & TECHNOLOGY

Department of Farm Machinery and Power

Linkages have been developed for machinery design, development, and fabrication with the following industries:

1. Punjab Engineering Company (Regd), Samundary Road, Faisalabad

2. Noorani Industries, Samundary Road, Faisalabad
3. Danish Industries, Faisalabad
4. Agri-tec Industries (Pvt) LTD,
5. Industrial Estate, Multan

Department of Fibre Technology

The Department of Fibre Technology has established strong linkages with the textile and fibre industries including Spinning, Knitting, Denim Jeans, Dyeing/Finishing, Polyester fibre, Jute, Pulp, Paper and Wool industries. The department is in regular contact with the research & development sections of almost every major textile/fibre processing industry. The findings of the post-graduate research work are shared with the industry and in most of the cases these research findings suggest solutions for most of the burning problems being faced by the industry and practical implications for the improvement of product quality and cost reduction.

Commercial testing services are also being provided to the cotton textile industry located in and out-skirts of Faisalabad. Under the jute bags testing project, the Department is also providing testing services to the whole jute industry of Pakistan.

The Department of Fibre Technology is offering three short-term training courses for the benefits of technical/semi-technical staff of the textile industry. In future, the department plans to include some new technologies in its academic endeavor in consultation with the industrialists and technologists to make it more vibrant.

Department of Structures & Environmental Engineering

1. WASA, Faisalabad
2. Environmental Protection Department, Punjab
3. ENERCON (Energy Conservation)
4. Pakistan Council of Renewable Energy Technology (PICRET), Islamabad
5. NFC Institute of Research and Engineering, Faisalabad
6. Head of Environmental Engineering, Faculty of Engineering and Information Technology, Griffith University, Mathon, Australia

Department of Parasitology

1. HEJ Institute of Chemistry, Karachi University, Karachi
2. University of Veterinary and Animal Sciences, Lahore
3. Livestock and Dairy Development Department, Punjab

Department of Veterinary Pathology**(i) National Level**

- Technical Services are being extended free of cost to poultry farmers of Punjab, through diagnostic laboratory, Department of Veterinary Pathology, University of Agriculture, Faisalabad
- Technical services extended free of cost to Sweetwater Pakistan. An American based group established dairy farm in Lahore area, especially to diagnose bovine tuberculosis.
- Technical collaboration with the Punjab Government Livestock Department. Extending services in the area of disease diagnosis, especially the bovine tuberculosis
- Technical collaboration with Bahadur Nagar Livestock Experimental Station. Extending services in the area of disease diagnosis, especially the bovine tuberculosis and brucellosis

(ii) International Level

- International linkage established with Istituto Zooprofilattico Sperimentaledell'umbria E Delle Marche, Perugia, Italy. Collaborative research is going on to investigate bovine tuberculosis in Pakistan
- International linkage developed with Veterinary Research Institute, Peradeniya, Sri Lanka. MOU is under preparation. Research collaboration already started on bovine tuberculosis
- International Linkage developed with VISAVET, Facultad de Veterinaria for future research and characterization of Mycobacterium isolates from Pakistan.

FACULTY OF ANIMAL HUSBANDRY**Department of Animal Breeding & Genetics**

1. Food and Agricultural Organizations of UNO
1. Pakistan Agricultural Research Council (PARC), Islamabad
2. Directorate of Livestock Farms, L&DD, Lahore
3. Directorate of Breed Improvement, L&DD, Lahore
4. Directorate of Small Ruminants, L&DD, Multan
5. Directorate of LPRI, Bhadurnagar, Okara
6. Directorate of BLPRI, Kherimurat, Attock
7. Directorate of RCCSC, Jhang
8. University of Veterinary and Animal Sciences, Lahore
9. NWFP Agricultural University, Peshawar
10. Sindh Agriculture University, Tando Jam

Department of Poultry Husbandry

1. Livestock and Dairy Development Department, Government of Punjab
2. Poultry Research Institute, Rawalpindi
3. Sadiq Brothers Hatchery, Feroz Watoowan, Sheikhpura
4. Sadiq Brothers Feed Mill, Islamabad
5. Islamabad Poultry Feeds, Islamabad
6. Jadeed Poultry Farms, Islamabad
7. Randhawa Poultry Farms, Faisalabad
8. Qasim Poultry Farm, Chiniot
9. Bilal Poultry Enterprises, Arifwala (Pakpattan)

DIVISION OF EDUCATION & EXTENSION**Department of Agri. Extension**

1. University of Arid Agriculture, Rawalpindi
2. AIOU, Islamabad
3. NWFP Agricultural University, Peshawar
4. University of AJK, Muzaffarabad
5. University of Balochistan, Quetta
6. NGOs (NSRP, PRSP, Cap, etc.)
7. Private Sector (Agri. Input Supplying Agencies)
8. Department of Agriculture, Government of the Punjab
9. Forest Department, Government of the Punjab

Department of Continuing Education

Trainees under NAVTEC-Projects have been prepared in line with the requirements of different relevant industry. This training has provided an opportunity for industrialists to engage skilled manpower according to their requirements.

FACULTY OF SCIENCES**Department of Chemistry and Biochemistry**

1. Attock Refinery Limited (ARL), Rawalpindi
2. United Industry Limited, Faisalabad
3. Harris Dyes and Pigments, Faisalabad

Department of Computer Sciences

During this year, the Department has been engaged with the following organizations regarding software development:

1. AMTEX Faisalabad
2. Masood Textile Mills, Faisalabad
3. Crescent Mills Limited, Faisalabad
4. Local Government, Faisalabad
5. Pepsi Cola, Faisalabad

Department of Physics

1. NIBGE, Faisalabad
2. NIAB, Faisalabad
3. PINUM, Faisalabad

4. UET, Lahore
5. COMSATS, Islamabad
6. KRL, Islamabad
7. PAEC, Islamabad

Department of Zoology and Fisheries

Linkage with local Fish Feed Industry is being developed

Department of Mathematics & Statistics

Linkages developed with different Math and Stat Departments of Pakistan like NARC Social Sciences Institute, AARI, Faisalabad; Islamia University, Bahawalpur; BZU, Multan (Statistics Department); AIOU (Mathematics & Statistics Department); National Centre for Mathematics, GC University, Lahore; School of Mathematical Sciences, Lahore; University of Nebraska, Lincoln (with Professor Kent Eskridge) and Reading University, UK (Professor Robert Curnow and Professor John Whitehead)

WATER MANAGEMENT RESEARCH CENTRE

1. Jaffer Brothers (Pvt.) Ltd., Karachi
2. Haji Sons (Pvt.) Ltd., Madina Market, Ravi Link Road, Lahore
3. Noorani Industries, Faisalabad
4. New Danishmand and Company, Faisalabad
5. Naeem & Company, Samundry Road, Faisalabad.
6. World Wide Fund for Nature-Pakistan (WWF), Ferozepur Road, Lahore
7. Green Land Industry, Daska
8. Agritec Industries (Pvt.) Ltd., Industrial Estate, Multan
9. Al-Ghazi Tractors Ltd, Sheikhpura Road, Lahore
10. Engro Asahi Polymer & Chemicals Ltd., New Garden Town, Lahore

INSTITUTE OF ANIMAL NUTRITION & FEED TECHNOLOGY

The institute has established research collaboration with professional educational institutions, wet milling industry and animal feed industry. At international level, the Institute has developed linkages with the Asian-Australasian Society for Animal Science, Korea; Rural Development Administration, Korea. At national level, the Institute has established links with provincial livestock departments and other institutions involved in animal and poultry nutrition research.

INSTITUTE OF HORTICULTURAL SCIENCES

1. Ingot Traders, Sialkot, Pakistan
2. Guava Growers Association, Pakistan

3. Kinnow Growers Association, Sargodha, Pakistan

INSTITUTE OF SOIL & ENVIRONMENTAL SCIENCES

1. International Center for Agricultural Research in the Dry Areas (ICARDA): agriculture, research, training and publications
2. Center for Risk Assessment and Remediation, University of South Australia Adelaide, Australia
3. Environmental Chemistry Group, Faculty of Agriculture, Food and Natural Resources, Sydney University, Sydney, New South Wales, Australia
4. CSIRO, Australia
5. Adnan Mendrus University, Turkey
6. NGO, Ethiopia
7. Linkage with Eastern Farms, Islamabad is in progress for the processing of poultry manure to value added agricultural fertilizer

NATIONAL INSTITUTE OF FOOD SCIENCE & TECHNOLOGY

Strengthening industrial linkages program is being given a special attention. The Institute has developed long-term collaborative linkages with the following renowned institutions, both inland and abroad:

Public sector organizations

1. Higher Education Commission, Islamabad
2. Nutrition Section, Planning Commission, Islamabad
3. Ministry of Science and Technology, Islamabad
4. National Agricultural Research Centre (NARC), Islamabad
5. PCSIR Laboratories, Islamabad
6. Nuclear Institute for Food and Agriculture (NIFA), Peshawar
7. ASC School, Nowshera
8. Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad
9. National Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad
10. Ayub Agricultural Research Institute (AARI), Faisalabad

Private sector organizations

Fast Food Chains

1. Dunkins Doughnuts
2. Pizzeria UNO Chicago Grill
3. Pizza Hut International

Hotels

1. Pearl Continental
2. Avari Hotel
3. Marriot Hotel

Food Industries

1. Vita Pakistan Ltd.
2. Haleeb Foods Ltd.
3. Rafhan Maize Products, Faisalabad
4. Qarshi Industries (Pvt.) Ltd.
5. National Foods Ltd.
6. Nestlé Pakistan Ltd.
7. Unilever Pakistan Ltd.
8. Tetra Pak Pakistan Ltd.
9. English Biscuits Manufacturer (Pvt.) Ltd.

International agencies

1. Malaysian Palm-Oil Board
2. MI/CIDA, Canada
3. UNICEF
4. USAID
5. J.E. Austin Associates, Inc.
6. FAO

Foreign universities

1. Agrocampus Rennes, France
2. Wegningen University and Research Institute, The Netherlands
3. Texas A&M University, USA

PROGRESS REGARDING EXCHANGE AND RESOURCE SHARING WITH INTERNATIONAL/NATIONAL ORGANIZATIONS**Department of Plant Breeding & Genetics**

1. School of Biological Sciences, University of Aberdeen U.K.

Department of Forestry and Wildlife

Lectures of renowned scientists of various faculties of the UAF and of sister organizations like PFRI, AARI, PPI, NIAB, NIBGE were organized to share their rich and varied experience in the related fields to be useful in tackling the real problems of farming community.

Department of Crop Physiology

Dr. Yongchao Zhao (a world leading scientist on Remote Sensing, working for the University of California, Barkley and Riverside), the Institute of Remote Sensing Applications, Chinese Academy of Sciences, Beijing, China is working with Dr. Shahzad Basra to develop a software for "Leaf Image Analysis" for leaf area, chlorophyll and leaf shapes of digital images. The software is under test.

FACULTY OF AGRI. ENGINEERING & TECH.**Department of Farm Machinery and Power**

1. Board of Studies, Department of Agri. Engineering, NWFP, University of Engineering & Technology, Peshawar

2. Selection Board, NWFP, University of Engineering & Technology, Peshawar
3. Selection Board, Bahauddin Zakariya University, Multan
4. Technical Committee of Pakistan Agricultural Research Council, Islamabad

Department of Fibre Technology

The department has world-class cotton testing laboratory equipped with sophisticated High Volume Instrument (HVI-900) capable of testing almost 12 fibre characteristics in 20 seconds. This sophisticated instrument is available for government research organizations such as Ayub Agricultural Research Institute, NIAB/NIBGE, national universities and the industrial sector.

Department of Structures and Environmental Engineering

The staff of the department contributed as a member of following organizations:

1. Selection Board, NWFP University of Engineering and Technology, Peshawar
2. Selection Board, Bahauddin Zakariya University, Multan
3. External Examiner, Bahauddin Zakariya University, Multan
4. Examiner Project Presentation of B. Tech, Government College of Technology, Sahiwal

FACULTY OF VETERINARY SCIENCES**Department of Clinical Medicine and Surgery**

1. Nestlé Milkpak Ltd.
2. Remount Depot, Mona

Department of Veterinary Microbiology

SUBJECT EXPERT: Selection Board, Faculty of Veterinary Science, University of Agriculture, Peshawar

Department of Veterinary Pathology

1. Department of Veterinary Pathology, College of Veterinary Medicine, The University of Georgia, Athens, USA
2. Department of Forensic and Administration of Veterinary Medicine, Faculty of Veterinary Medicine, Oczapowski, Poland
3. International linkage established with INSTITUTO ZOOPROFILATTICO SPERIMENTALE DELL'UMBRIA E DELLE MARCHE, Perugia, ITALY

FACULTY OF ANIMAL HUSBANDRY**Department of Livestock Management**

1. Farmers' Training, Two months training course for village livestock workers (May 5–June 14, 2008)
2. Two-day national workshop on "Genetic Resources and Molecular Techniques in Livestock Production" (March 20-22, 2008)
3. JHEL Programs-I Workshop at Marriot, Islamabad with all stakeholders, educationists and project Link Coordinators (March 24-26, 2008)
4. Convener, Livestock Farm Group, under FDTTPC technology transfer program, University of Agriculture, Faisalabad

Department of Poultry Husbandry

Arranged training programs in poultry farming in the development of Model Village (306 G.B.) in Toba Tek Singh.

DIVISION OF EDUCATION AND EXTENSION**Department of Continuing Education**

This department has shared the funds of NAVTEC-Project with different development related departments and has utilized teaching expertise along with lab facilities of different departments of the University of Agriculture, Faisalabad.

FACULTY OF SCIENCES**Department of Computer Science**

The Department has arranged resource sharing programs with the industry in order to enhance student practical vision towards information technology.

Department of Physics

Mr. Raza Ahmad and Mr. Zia-ul-Haq participated in the HEC organized "Master Trainers Program" held on 15th July, 2007 to 16th August, 2007 at Quaid-e-Azam University, Islamabad.

INSTITUTE OF ANIMAL NUTRITION & FEED TECHNOLOGY

Conferences/symposia/seminars/workshops were organized during 2007-2008 for the exchange of knowledge/information/expertise.

INSTITUTE OF HORTICULTURAL SCIENCES

1. Industries like Sitara Chemicals etc. are going to adopt technology of rose cultivation and oil extraction. This technology has the

potential to become itself an industry in future.

2. Rose water, Sounf water, Mentha oil, Basil water and high quality Gulcand are being prepared by the Medicinal and Aromatic Plants Section and introduced in local pansari market of Faisalabad.
3. Quality seeds of summer and winter vegetables.
4. Nursery plants of fruits and ornamentals

INSTITUTE OF SOIL & ENVIRONMENTAL SCIENCES

1. Sharing of laboratory facilities with students of Sindh Agriculture University, Tandojam and PMAS Arid Agriculture University, Rawalpindi.
2. Conducted farmers participatory wheat trials in districts Faisalabad and Toba Tek Singh
3. Meetings with the Secretary Agriculture at AARI regarding the feasibility of Bio-saline Project conducted by UNDP.

ALUMNI ASSOCIATION, UNIVERSITY OF AGRICULTURE, FAISALABAD, PAKISTAN

Former Punjab Agricultural College, Lyallpur and now University of Agriculture, Faisalabad has been recognized as a pioneer institution dealing with agriculture in Indo-Pakistan. This *alma mater* has established an Alumni Association in order to cement ties between its sons within the country and across the borders. This Association is a vivid organization in a sense that it keeps a regular contact with its members and provides them home coming opportunities in the form of annual meetings. So far this Association has arranged 55 annual meetings including centenary celebrations held on March 14-15, 2006

Vision:

To strengthen ties between graduates of this *alma mater* for the improvement of agriculture

Objectives:

1. To arrange annual meetings where the students, academicians, researchers, farmers and technocrats working in different domains of agriculture throughout the world especially in India share their experiences and achievements, identify problems prevailing in agriculture, suggest solutions to these problems and explore new avenues of achieving food security in the region
2. To arrange exchange visits of students, scientists and farmers of India and Pakistan to higher seats of learning, research institutes and farmer fields to get benefit of the experiences of both countries

- To provide opportunities to the Alumni to visit this great Alma Mater, see its growth and development, sit and chat with their old friends, recall memories and develop and renew cordial relations

Total duration: 36 Months
 Date of approval: 9th August, 2005 (PDWP)
 Total allocated fund: Rs.42.64 million
 Phase-I year 2005-06: Fund allocation Rs. 11.12 million
 Placement of total students: 643

INTERNSHIPS

Objectives

- To impart practical training and field exposure to about 700-1150 B.Sc. (Hons.) students each year at different government and private agricultural research organizations, private companies, experimental stations etc. in the country
- To promote intellectual interaction of students, teachers, research workers and stakeholders with each other
- To shape future research activities at the University according to the problems, requirements and innovations being practiced by the industries, farmers and other end-users
- To help students for hunting better jobs
- To strengthen the linkages to fill the communication gap between the University and other research organizations. It will be a good feedback to enhance the quality research in a demand oriented fashion
- To enhance sharing of expertise of progressive and eminent researchers with the University teachers and the students
- To help enhance research and production activities and efficiencies of the host institutes on scientific grounds through internship as the students will help them with their working and technical knowledge

Faculties:

- Agriculture
- Agri. Economics and Rural Sociology
- Agri. Engineering and Technology
- Animal Husbandry and Veterinary Science
- Division of Education and Extension
- College of Agriculture, D.G. Khan

Placement of students at different institutes:

- 25 institutes under the Director General, AARI, Faisalabad
- 67 institutes under the Director General, Extension
- 10 Institutes under the Director General, Livestock and Dairy Development

Summary of the Project

Particulars	2005-06	2006-07	2007-08
No. of students placed	643	682	803.00
Funds allocation (Rs. in million)	11.12	13.12	18.40
Fund utilization (Rs. in million)	9.560	9.926	10.726

PLACEMENT OF STUDENTS AT DIFFERENT INSTITUTES

Sr. #	Name of the Directorate/Section under DG AARI	Name of the Directorate/Section under DG EXTENSION	Name of the Directorate/Section under DG L&DD
1.	Rapid Soil Fertility, Lahore	District Officer, Agri. Extension, Rahim Yar Khan	Livestock Production Research Institute, Bahadurnagar, Okara
2.	Plant Protection Institute, Faisalabad	SSMS (Agronomy) ARF, Gujranwala	Semen Production Unit, Qadirabad
3.	Sugarcane Research Institute, Faisalabad	Ali Tareen Farm, District Officer, Agri. Extension, Lodhran	A.I. Centre Judgewala, District, Faisalabad
4.	Entomological Research Institute, Faisalabad	Mahfooz Farm, Mailsi, District Officer, Agri. Extension, Vehari	Institute of Reproduction, Bhunikey
5.	Post Harvest Research Centre, Faisalabad	Adaptive Research Farm, Vehari	Sheep Farm, Rakh Khairewala
6.	Biotechnology Research Institute, Faisalabad	Adaptive Research Farm Vehari	A.I. Centre, Susan Madina Town, Faisalabad

Sr. #	Name of the Directorate/Section under DG AARI	Name of the Directorate/Section under DG EXTENSION	Name of the Directorate/Section under DG L&DD
7.	Maize & Millets Res. Inst., Yousafwala, Sahiwal	Adaptive Research Farm, Karore, Layyah	Civil Veterinary Hospital Faisalabad
8.	Pulses Research Institute, Faisalabad	Adaptive Research Centre, Gujranwala	Barani Livestock Production Research Institute, K/Murat
9.	Vegetable Research Institute, Faisalabad	DG PestWarning & QC, Multan	Poultry Research Institute, Rawalpindi
10.	Agronomic Research Institute, Faisalabad	DG PestWarning & QC, Sahiwal	Livestock Experiment Station Jhangirabad
11.	Oilseeds Research Institute, Faisalabad	DG PestWarning & QC, Okara	-
12.	Regional Agri. Research Institute, Bahawalpur	DO, Agri. Extension, Layyah	Haji Sons Farm, Chiniot
13.	Barani Agricultural Research Institute, Chakwal	DO, Agri. Extension, Faisalabad	DO, Agri. Extension, Multan
14.	Rice Research Institute, Kala Shah Kaku	DO, Agri. Extension, Vehari	Green Tech. Agri. Farm, Raiwand
15.	Fodder Research Institute, Sargodha	DO, Agri. Extension, D.G. Khan	DO, Agri. Extension, Faisalabad
16.	Orange Research Institute, Sargodha	DO, Agri. Extension, Sahiwal	Punjab Seed Corporation, Sahiwal
17.	Soil Salinity Res. Institute, Pindi Bhattian	DG, Agri. Extension, Sahiwal	DO, Agri. Extension, Lodhran
18.	Wheat Research Institute, Faisalabad	Dir. Punjab Forest Research Institute, Gatwalla, Faisalabad	DO, Agri. Extension, Khanewal
19.	Cotton Research Institute, Faisalabad	Office of DFO, Faisalabad	DG, DO, Agri. Extension & Agricultural Research, Lahore
20.	Horticultural Research Institute, Faisalabad	Office of DFO, Changa Manga	Director, Export Promotion Bureau, Faisalabad
21.	Food Technology, AARI, Faisalabad	Office of DFO, Lahore	DG Agri. Ext. & AR, Lahore
22.	Soil Bacteriology, AARI, Faisalabad	Dir. Jallo Park, Lahore	Monitoring, Evaluation & Research, National Rural Support Program, 46-Aga Khan Road, Sector F-6/4, Islamabad
23.	Agricultural Chemist (Soils), AARI, Faisalabad	Office of DFO, Chicha Watni	Director, Punjab Economic Research Institute, 48-Civic Centre, Johar Town, Lahore
24.	Agricultural Chemist (Bio), AARI, Faisalabad	Office of DFO, Jang	DG DO, Agri. Extension & Agricultural Research, Punjab, Davis Road, Lahore
25.	Plant Pathology, AARI, Faisalabad	Pest Warning and Quality, Lahore	Director, Transfer of Technology Institute, PARC, AARI, Faisalabad
27.	District Officer Agriculture, Faisalabad	Director (HQ) Pakistan Council of Research in Water Resources, Ministry of Science & Technology, Islamabad	Sustainable Development, Policy Institute, G-5, Islamabad
28.	District Officer Agriculture, Bahawalpur	DG, Agricultural Research, AARI, Faisalabad	Chairman, Agriculture Prices Commission, Mandir Plaza, G-8/Markaz, Islamabad
29.	District Officer Agriculture, Rawalpindi	Regional Office, Bank of Punjab, Faisalabad	NARC, Islamabad

Sr. #	Name of the Directorate/Section under DG AARI	Name of the Directorate/Section under DG EXTENSION	Name of the Directorate/Section under DG L&DD
30.	District Officer Agriculture, Sialkot	Department of Economics & Marketing, Lahore	Punjab Institute of Development Economics, Quaid-i-Azam University Campus, Islamabad
31.	District Officer Agriculture, Lahore	Department of Agriculture & Livestock Products Marketing and Grading, Islamabad	EADA Economics & Marketing, Faisalabad
32.	Deputy Director, Adaptive Research Farm, Karore	SMEDA, Lahore	Lok Sanjh Foundation House, 500 Street 47, G-10/4, Islamabad
33.	RARI, Bahawalpur	Zari Taraqiati Bank, Faisalabad	Habib Bank Ltd., Circular Road, Faisalabad
34.	Pest Warning, Multan	SSMS (FM&FE), ARF, Sargodha	Horticulture Development & Export Bureau, Lahore
35.	Mango Research Station, Shujabad	(SMEDA), Lahore	Horticulture Research Sub-Station, D.G. Khan