ACKNOWLEDGEMENT

Pakistan has tremendous potential for the development of its agriculture in view of land, water,

ANIMAL SCIENCES

2nd Batch :

Project Title:

Project Title:

Project Title:

Project Title: ***Refinement of multi-nutrient urea-***

Project Title:

Project Title: ***Studie***

Project Title: ***Genetic improvement of buffaloes in Pakistan (GIBP). (Component-I)***

Principal Investigator: ***Dr. Abdul Ghaffar***

Project Title: ***Maintaining genetic diversity of 'Kari" sheep breed for sustained development of chitrali patti cottage industry and mutton production***

Project Title: ***Evaluation of indigenous medicinal plants for the steroid hormonal activities for veterinary and medical usage.***

Principal Investigator: ***Dr. Nazir Ahmad***
Associate Professor

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right kind of approach with nutrition of animals is necessary if we want the best result from them. Research in this field is essential to improve growth rate, carcass composition and meat quality.

There is a great variation in lamb carcass quality due to the number of breeds and crosses involved lamb production. Breed of lamb appears to influence the pattern of development of the important carcass component, and thus carcass quality when comparison is made at equal weights. (Berg and

Project Title:

Longitudinal performance data on Sahiwal cattle breeds was computerized for the m

Project Title:

Project Title: ***Pharmacokinetics and dosage of flouroquinolones in animals.***

Principal Investigator: ***Dr. Faqir Hussain Khan***
Associate Professor

Project Title:

Project Title: ***Promotion of animal balanced feed in farmer community***

Principal Investigator:

Project Title: ***Microbiological studies on caprine mycoplasma in Balochistan***

Principal Investigator: ***Dr. Mohammad Arif Awan***
Veterinary Officer

Project Title:

Project Title:

Project Title:

Project Title:

Project Title: ***Epidemiology of helminthiasis in sheep.***

Principal Investigator: ***Dr.***

Project Title: ***Development of local starter culture technology for preparation of fermented milk products***

Project Title: ***Application of molecular techniques for differential diagnosis of rinderpest and related diseases***

Principal Investigator:

Project Title: ***Studies on biology & mapping of warble fly infested areas***

Project Title:

CROPS SCIENCES

in the field at a bigger scale.

Subterranean Termits in Agro-Ecosystem

Entomology, University of Agriculture, Faisalabad

Projec

Project Title:

Project Title: ***Development and c***

Project Title:

Project Title:

Project Title:

Project Title:

Project Title: ***Molecular breeding of Kabuli chickpea for Ascochyta blight resistance and high yield potential.***

Principal Investigator: ***Dr. Ahmad Bakhsh Maher***
Senior Scientific Officer

Project Title:

Project Title:

again

from Aegilops squarossa accessions. Combination of this resistance with that of Durum‟s, through

Project Title: ***Introduction of soft fruit (strawberry, black berry, rasp berry, black c/MC1irrar t)***

Project Title:

Project Title:

Project Title: ***Biology and Management of Porcupine, Hytrix indica in Centeral Punjab.***

Principal Investigator: ***Dr.***

Project Title:

Project Title: ***Quantification of maize yield losses from leaf blights and improving maize populations for grain yield and leaf blight resistance.***

Project Title:

Project Title: ***Development of low cost plant protection technologies through integrated pest management approaches and use of sacrificial crop/ plants in Sindh.***

Project Title: ***Introduction and yield improvement of mothbean (Vigna unguiculate L.) in NWFP.***

Principal Investigator: ***Dr. Muhammad Mansoor***
Scientific Officer

Location of Project: *Agri. Research Institute, D. I. Khan*

Duration:

Project Title:

Project Title: ***In-situ evaluation of indigenous walnut germplasm in Malakand Division,***

Project Title:

Project Title:

ProjeP</MCrt Title:

Project Title:

Project Title:

Project Title:

Project Title:

Project Title:

Project Title:

Project Title:

Project Title:

Project Title: ***Identification of superior soybean cultivars for different agro-***

Project Title: ***Quality characterization of oilseed crops through NIRS***

Project Title:

Project Title:

of resistance genes using molecular markers and will be crossed to the respective parents at floweri
stage.

Project Title:

Project Title: ***Production of doubled haploids of wheat by using wheat x maize crosses technique.***

Principal Investigator: ***Dr. Abid Mahmood***
Director

Location of Project: *Barani*

Project Title: ***Coordinated project "National Plant Genomic Research Project"***
DNA bases genetic characterization of cotton germplasm (Component-I)

Project Title:

Project Title:

Project Title: ***Developing forage-plus-grain winter wheat production system for the Northern areas***

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Project Title:

Project Title:

Project Title:

NATURAL RESOURCES

2nd Batch:

The overall progress of the project w unsatisfactory and the envisaged objectives could not achieved.

Project Title:

Project Title: ***Diagnosis and Remedial Measures of Micro-Nutrient Deficiencies in Fruit***

Project Title: ***Recycling of Organic Wastes for Sustainable Crop Productivity (Arid Agri. Uni , RWP).***

Principal Investigator:

dry matte

Project Title:

Effluent treated soil samples contained fungal species; Aspergillus spp; Mucor spp; Alternaria spp;

Project Title: ***National Coordinated Project on Management of Salt Affected Soil and***

Project Title:

Project Title: ***National Coordinated Project on Management of Salt Affected Soeof d***

production of crops on saline sodic soils. Maximum crops yields resulted from the combined use of soil amendments along with seed priming.

Project Title:

Project Title: ***Increasing and sustaining crop productivity of water eroded lands through rainwater.***

Principal Investigator: ***Dr. M. Shafiq***

Project Title: ***Management strategies for metal contaminated soils receiving city waste***

Project Title:

Project Title: ***Evaluation and formulation of calcium carbide based soil amendment for***

Project Title: ***Management aspects of surface and groundwater resources for irrigated areas***

Principal Investigator: ***Dr. Rai Niaz Ahmed***
Associate Professor

Two graduate students have been involved in project for degree program in M. Sc (Hons.) Agricultural Engineering.

Project Title: ***Testing and Evaluation of Lining and Control Structure Alternatives for Irrigation Channels***

Principal Investigator: ***Dr. Muhammad Rafiq Choudhary***

Project Title: ***Impact of tillage systems, legume and mulches on soil profile moisture dynamics and wheat production.***

Project Title: ***Improving Root-***

Project Title: ***Assessment of Productive Potential and Utilization of Rangelands and Sown Pastures in Pothowar Plateau***

Principal Investigator: ***Dr.***

Project Title: ***Use of low quality groundwater for sustainable crop production***

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yield, brix and the maximum net bene

Project Title:

Project Title:

SOCIAL SCIENCES

MONITORING & EVALUATION

Selected Areas of AJK

¶ Data collection schedule and sampli
design has not been finalized so f
This may be shared with the techni
divis

			discussed in the report w.r.t. subsidy consumers.
13	Impact of		

Project Title: ***Poverty alleviation through enhancing agricultural productivity by implemen***

Project Title:

Project Title:

Project Title: ***The impact of domestic support to Punjab's agriculture under WTO regime***

Principal Investigator: ***Mr. Qamar Mohy-ud-Din***

these factors justify that domestic support to our agriculture should be continued rather enhanced. The agreement on agriculture of WTO sets various rules and regulations regarding the provision and prohibition of domestic support to agriculture. In the following, various suggestions have been extended for the provision of domestic support in the Punjab province within the framework of various WTO rules.

1.

e)

All the above suggested sectors, sections, stakeholders need domestic support of the provincial governmen

Project Title: ***Econ***

Project Title: ***Socio-Economic, Institutional and Policy Issues Constraining the Productivity of Livestock in the Deserts of Pakistan***

Principal Investigator: ***Dr. Umar Farooq***

schools for boys/girls, 16.7% as secondary school for girls. On average, tehsil and district head quarters were reported at the distances of 23 and 66 km respectively, transport pickup point at 2.5 km,

Problems:

Project Title:

Production factors including good climate, soil and sufficient water are favorable to produce high

Project Title: ***Strengthening of design and analysis capabilities in the National Agricultural Research System (NARS)***

Principal Investigator: ***Dr.***

The results of wheat trials conducted at different research institutes indicate that the gain in efficiency

Project Title: ***Enhancing agricultural productivity through transfer of demand driven technologies to the farmers in the selected districts of Sindh***

Principal Investigator: ***Mr. Manzoor Ali Memon***

The personal characteristics of the farmers and socioeconomics conditions related to their families an

Project Title:

List of farmers have been prepared.

Agricultural (Research Scientists, educationists and extensions) experts have been identified.

Project Title: ***Development of ag***