



ECONOMIC REVIVAL OF FLOOD AFFECTED FARMERS

2022-23

UVAS Flood Relief
and Assistance Campaign

We cordially thanks to all the donors from Africa who re-
gardless of their race, nation or religion stepped forward and
helped.

Especially **Mr. Imtiaz Ali (Botswana, Africa)**, without his dedi-
cated efforts, it was not possible for us to complete this task.

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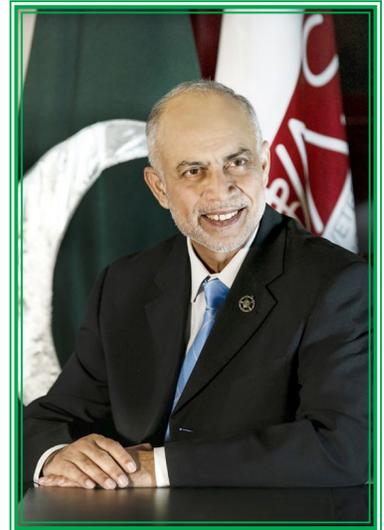
UVAS Flood Relief and Assistance Campaign 2022-23

Economic Revival of Flood affected Farmers



Vision of UVAS

The University of Veterinary and Animal Sciences (UVAS), established in 1882, has rich history of 140 years of serving the livestock sector of Pakistan. It is one of the oldest institutions of Veterinary Sciences in Asia. UVAS has served this nation in every difficulty or disastrous situation either for livestock or for human community. In 2005, UVAS Earthquake Relief Campaign was one of the initiatives to curb the disastrous condition that caused more than 73,000 casualties in KPK and Azad Kashmir. UVAS also assisted the community in rehabilitation during the flood campaigns of 2010 and 2014. It is painful to mention that Pakistan faced losses of 855 billion PKR and 43.9 billion PKR in



2010 and 2014 respectively. During pandemic of COVID-19, UVAS established a BSL-3 laboratory facility for testing the Corona Virus. Whether relevant to livestock sector or not, UVAS took it as moral responsibility and played crucial role in fighting this disease as community service. During the Lumpy skin disease (LSD) epidemic, UVAS also played its role in guiding and educating people through its awareness campaigns.

In 2022, Pakistan was facing a disastrous situation in form of heavy floods hitting all of its provinces. According to the official reports of NDMA (till 30th September 2022), heavy floods have caused more than 1700 human deaths and killed more than 1.2 million livestock animals.

Prof. Dr. Nasim Ahmed, in continuation of UVAS historical vision, took initiative for flood affected areas. He is leading the UVAS current flood campaign and has visited the areas himself in order to understand the needs of flood affected people. He is active, diligent, and motivated towards community services. His objective 'Save Livestock, Save Communities' can truly help this nation and flood affected farmers. UVAS has further took initiative to revive the flood affected families and equip them with the skills to better handle the natural disaster situations and calamities. UVAS has vision of empowering those farmers with animals they can raise and earn their livelihood.

Review of Campaign

The University of Veterinary and Animal Sciences Lahore in collaboration with Government of the Punjab arranged a meeting on 'Humanitarian Assistance Campaign for Flood Affected Families in Punjab' at City Campus Lahore on 26-08-2022. In this meeting, it is decided that like previous situations, UVAS is also going to actively participating with all of its resources and launched a "Flood Relief and Assistance Campaign" on 29/08/2022. Under this initiative, UVAS has established a Fund Camp for donations from general public, employees, and students.

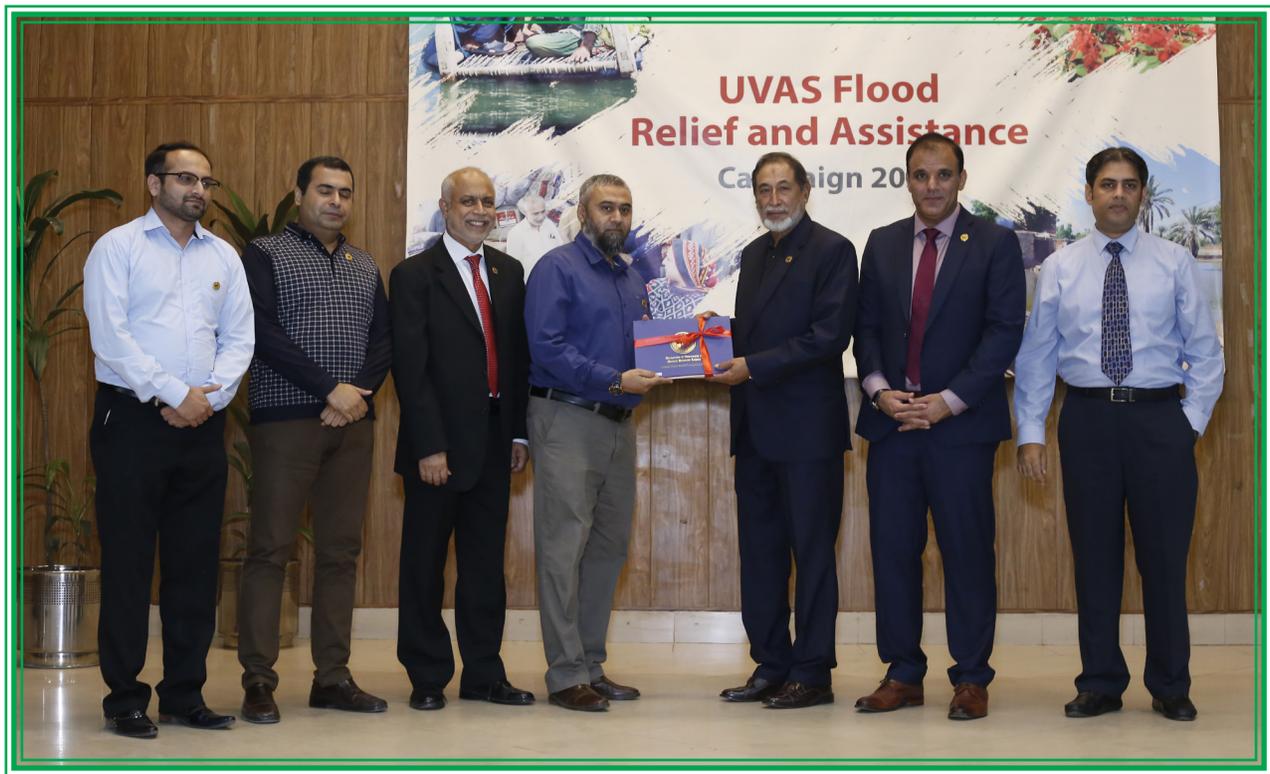
Prof. Dr. Nasim Ahmed Vice Chancellor UVAS motivated faculty, friends of UVAS and general public to help UVAS which resulted in form of cash and in-kind donations worthful of 30 million rupees. Initially 3 phases were planned to provide community and veterinary services (treatment, animal feed, seeds, ration, blankets, clothes etc.) in the flood affected areas. A total of 2622 families were benefitted during these phases. On 05-11-2022, UVAS in connection with UVAS Flood Relief Campaign 2022" acknowledged the flood relief volunteer teams who performed their duties day and night with full of dedication in the worst flood-affected areas including Dera Ghazi Khan, Rajanpur, Fazilpur, Taunsa Sharif (Phase-1), Karor Lal Eason Layyah, Rojhan, Charsadda (Phase-2), Khairpur and Lesbela (Phase-3). During flood relief activities total 25898 large and small (buffalo/cattle, sheep & goat, horse, dog & cat) animal treated, 9815 animal vaccinated, 265 seed packets, 2222 animal feed bag (vunda) distributed along with other necessary daily routine items related to 875 ration bag (hygienic food), 306 clothes (blanket, quilts, shawls), shelter, kitchen unit and medicines among the poor livestock farming and deserving families of flood affected areas in phase-1, phase-2 and phase-3 with transparent manner.



Review of Campaign



Acknowledgement Ceremony of Flood Relief Teams



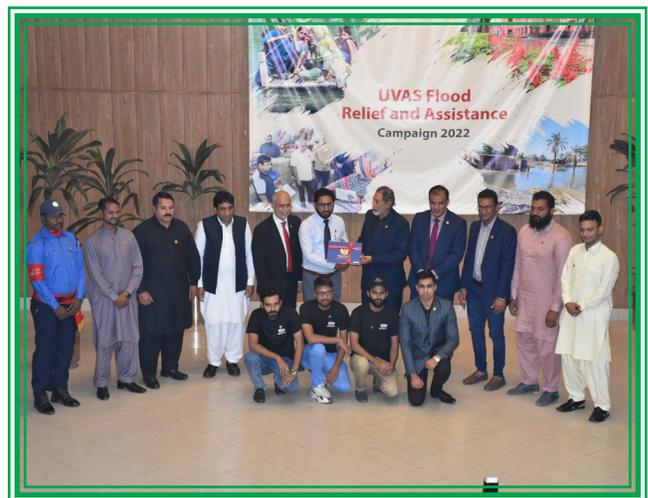
The University of Veterinary and Animal Sciences (UVAS) Lahore in connection with UVAS Flood Relief Campaign 2022” arranged an acknowledgement ceremony on 5th Nov 2022 in the honour of flood relief volunteer teams who performed their duties day and night with full of dedication in the worst flood-affected areas including Dera Ghazi Khan, Rajanpur, Fazilpur, Taunsa Sharif (Phase-1), Karor Lal Eason Layyah, Rojhan, Charsadda (Phase-2), Khairpur and Lesbela (Phase-3)



Former governor Punjab Lieutenant General (retd) Khalid Maqbool presided over the ceremony and distributed appreciation certificates among UVAS flood relief volunteer teams and various committee conveners and members. He also presented souvenirs among the donors (friends of UVAS) who donated cash and kind for the noble cause. While addressing the audience, Khalid Maqbool this year due to destruction by heavy floods the livestock farming community is facing economic losses in Pakistan. He acknowledged the role of

UVAS students, faculty members and administration in fund raising and distribution of relief items among the flood-hit people with transparent manner. He said UVAS always play a lead role for the uplift of livestock sector and contributing in national economy of Pakistan. Speaking on the occasion, Vice-Chancellor Prof Dr Nasim Ahmad said that UVAS organized national and international donor conferences, arranged relief camps and collected donations worth Rs 25 million in cash and kind. He shared we received international donations from Canada, Germany, Malaysia, Saudi Arabia, UAE, UK and the USA.

Acknowledgement Ceremony of Flood Relief Teams



Prime Minister Flood Heroes Award

During Flood-2022, UVAS played national duty by providing veterinary as well as the community welfare services to the flood affected families of NDMA clarified calamity hit remote areas. Although, these efforts were just a drop in ocean, but UVAS set a trademark for other higher education institutes of Pakistan to participate in this noble cause for the



best interest of our nation and country. Due to a leading role in provision of extraordinary relief activities in flood affected areas of Pakistan in 2022, UVAS stood 2nd among top 50 selected Higher Education institutions of Pakistan. A ceremony was organized by the MilKar organization in collaboration with Higher Education Commission (HEC) Pakistan and Prime Minister Youth Program at Prime Minister Office, Islamabad on December 5, 2022 to acknowledge the efforts of universities for Flood Relief Campaigns. In this regard, Mr. Muhammad Umar Javed (Department of Veterinary Medicine) was selected by a notified committee



to present the UVAS on this national forum. The relief activities by UVAS were highly appreciated and in recognition of these efforts, "Prime Minister Flood Heroes Award" was conferred to Mr. Muhammad Umar Javed and Vice Chancellor, UVAS.

Development of Livestock Emergency and Disaster Management Course

After the completion of relief activities, UVAS realized that in this era of natural disasters, there is an essential need to prepare our youth especially students to respond and handle any natural calamity including floods in a much better, prepared, and responsive way. For this purpose, Prof. Dr. Muhammad Ijaz (Convener, UVAS Flood Relief Campaign-2022) prepared a 1 credit hour course entitled, “Livestock Emergency and Disaster Management” initially for the postgraduate students. The course has been approved by the different statutory bodies of UVAS. The purpose of this course is to strengthen the post-graduate students for provision of relief activities in any natural disaster.

The comprehensive course contents of the course are as below.

Course Title: Foundation course on Livestock Emergency and Disaster Management

Course No.: MED 1122

Course Duration: 1 semester (16 weeks)

Credit Hours: 1(1-0)

Course Contents:

Introduction and classification of major livestock emergencies and natural disasters, History of natural disasters in Pakistan with reference to geographical location, Impact of natural calamities (Floods, Drought, Wildfire, Earthquakes / Landslides) on livestock and livestock-dependent communities, Effect of human activities on climate change and natural disasters, Livestock emergencies related to emergence of local or new epidemic diseases, Disease Outbreak Investigations, Disaster Management and Risk Reduction with special reference to major challenges and their solutions, Animals rescue and treatment in various disaster situations, Capacity building of Farmers regarding livestock emergency preparedness, Public health issues and community education during the disaster, use of technology in Disaster Management and Disaster Risk Assessment, Volunteer role within an Incident Command System, Re-stocking and Rehabilitation of livestock animals in disaster areas, and Role of different institutions in disaster management in Pakistan.

Detailed Course Outline

Sr. No.	Topics
1.	Major Livestock emergencies and natural disasters: Introduction and classification
2.	History of natural disasters in Pakistan with reference to geographical location
3.	Effect of human activities on climate change and natural disasters
4.	Impact of natural calamities (Floods, Drought, Wildfire, Earthquakes / Landslides) on livestock and livestock-dependent communities
5.	Livestock emergencies related to emergence of local or new epidemic diseases
6.	Disease Outbreak Investigations
7.	Disaster Management and Risk Reduction: strategy and coordination
8.	Major Challenges and their solution in the disaster management cycle
9.	Animals rescue and treatment in various disaster situations
10.	Public health issues and community education during the disaster
11.	Capacity building of Farmers regarding livestock emergency preparedness
12.	Technology in Disaster Management and Disaster Risk Assessment
13.	Volunteer role within an Incident Command System
14.	Re-stocking and Rehabilitation of livestock animals in disaster areas
15.	Role of different institutions in disaster management in Pakistan
16.	Visit of National/Provincial Disaster Management Authorities (NDMA/PDMA)

Teaching Learning Strategies:

Theory:	Practical
Lectures	-
Assignments	-
Quiz	-

Assessment Strategies:

Modality	Theory				Practical		
	Assignment	Mid Term	Final Term	Total	Class Performance	Final	Total
Max marks	2	6	12	20	-	-	-

Economic Revival of Flood affected farmers

After immediate measurements taken, UVAS initiated to plan economic revival of flood affected farmers as mentioned in the previous report. This activity involved the training program of farmers, designing an economic revival strategy for selection of farmers, procurement of goods/animals for farmers, and follow up of cases.

Training on livestock emergency preparedness

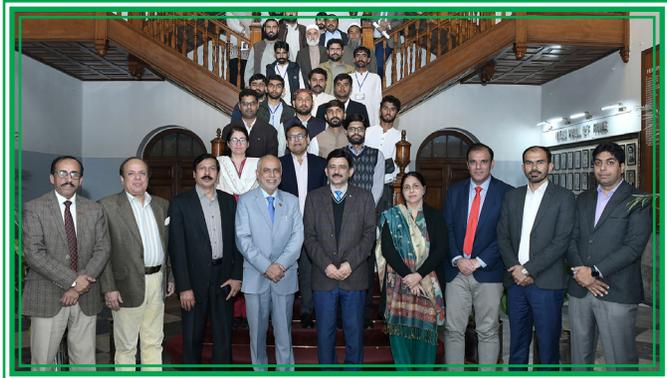
During UVAS Flood relief activities-2022 in flood affected areas, the volunteer faculty members discussed the local farmers and stakeholders about the main issues faced by them regarding livestock rearing during the flood. The highlighted issues included the management of feed for animals and control of disease spread in these areas.

Keeping in view this scenario, UVAS decided to conduct capacity building training for the flood affected local farmers to strengthen them to manage their livestock animals during natural calamities like flood. This three days Training Program for flood affected livestock farmers entitled “**Live-stock Emergency Preparedness**” was conducted from 28-11-22 to 30-11-22 at the Pattoki and Lahore campus of UVAS. A total of 16 farmers were selected from the flood affected areas of Pakistan.

These farmers were trained in basic animal husbandary and milk hygiene and storage practices at UVAS Ravi Campus, Pattoki.

The potential livestock farmers from flood affected areas all over Pakistan including Charsadda (KPK), Khairpur (Sindh), Lasbella (Balochistan), and Southern districts of Punjab including Rojhan, Rajanpur, Taunsa, Layyah, and Fazilpur participated in this training. The participants were provided with residence, all the travelling

allowances, and meals by the university.



UVAS FLOOD RELIEF CAMPAIGN-2022

TRAINING ON LIVESTOCK EMERGENCY PREPAREDNESS

Sr.	TIME	TOPIC	Resource Person	Type
DAY-1 (FORAGE AND NUTRITION)				
1	09:00 -10:30	Use of alternate feed resources during Flood/disaster condition	Dr. Saeed Ahmad	Lecture-1
2	10:30 12:00	Feed related health issues and the clinical nutrition during flood/disaster condition	Dr. Ghazanfar Ali Chishti	Lecture-2
Tea Break (12:00-12:30)				
3	12:30 -02:00	Minimum feed requirement for maximum return	Dr. M. Naveed ul Haque	Lecture-3
4	02:00: 03:30	Animal selection for culling decision & purchase	Dr. Hifzulrahman	Lecture-4
Lunch Break (03:30 – 04:30)				
DAY-2 (HEALTH AND MANAGEMENT)				
1	09:00 -10:30	Physical and Clinical examination of animal	Dr. Zahid Iqbal	Lecture-1
2	10:30 12:00	Major diseases and their control measures during flood/disaster	Dr. Muhammad Avais	Lecture-2
Tea Break (12:00-12:30)				
3	12:30 -02:00	Emergency vaccines and vaccination schedule	Prof. Dr. Muhammad Ijaz	Lecture-3
4	02:00: 03:30	Type of forages cultivated during disaster condition	Dr. Jamshaid Ahmad	Lecture-4
Lunch Break (03:30 – 04:30)				
DAY-3 (REPRODUCTION AND VALUE ADDTION)				
1	09:00 -10:30	Common reproductive problems during flood/disaster condition & the treatment guidelines	Dr. Abdul Rehman	Lecture-1
2	10:30: 12:00	Protocol to pregnant animals during flood/disaster condition & the measures to avoid abortion in pregnant animals	Dr. Aijaz Ali Channa	Lecture-2
Tea Break (12:00-12:30)				
3	12:30 -02:00	Protocol for heat detection & insemination	Dr. Melad Ahmad	Lecture-3
4	02:00: 03:30	Product value addition and marketing	Dr. Muhammad Junaid	Lecture-4
Lunch Break (03:30 – 04:30)				



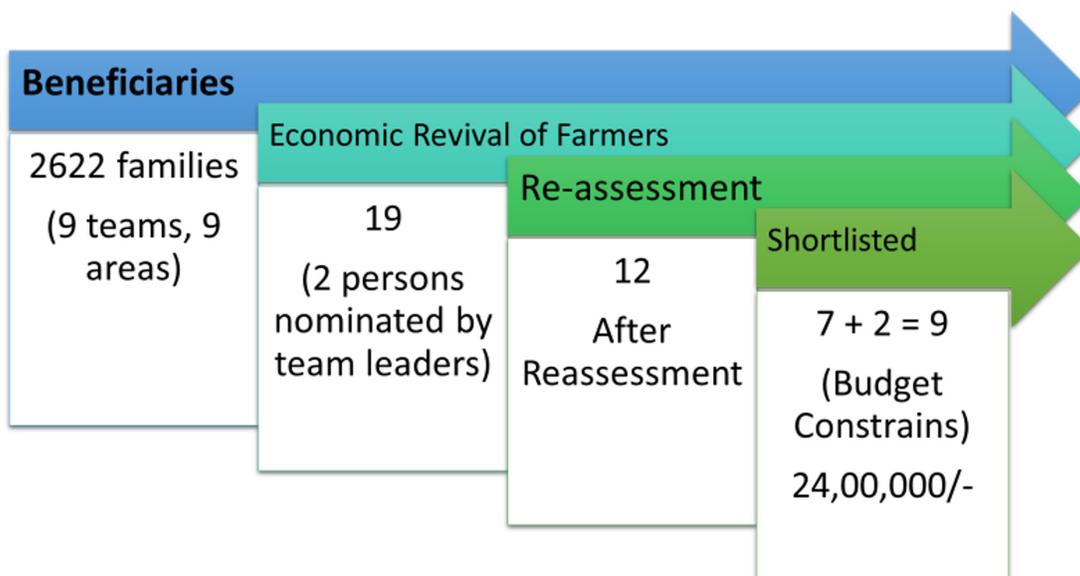
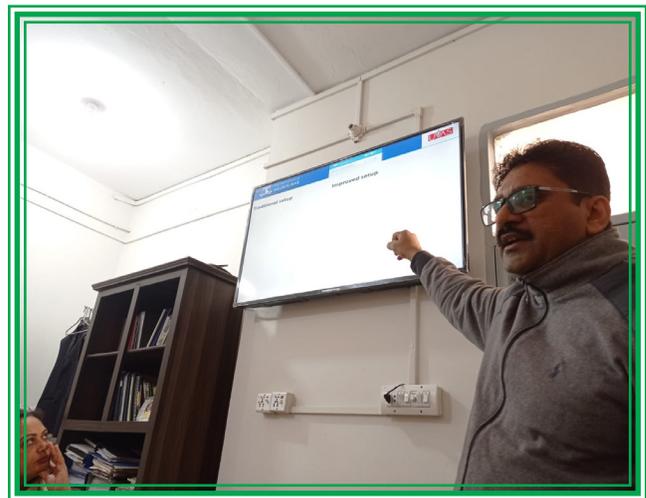
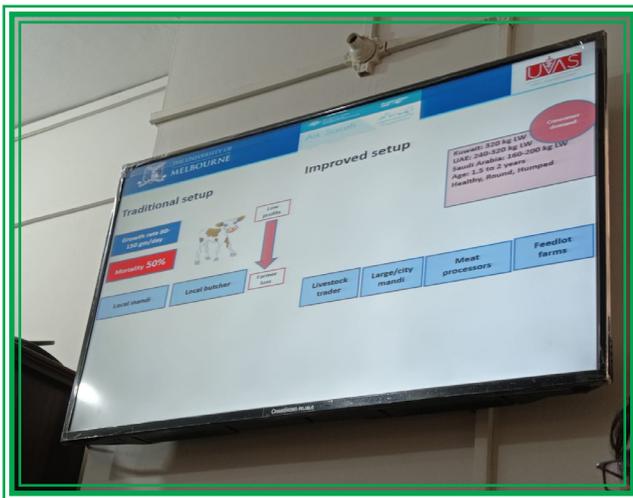
Donations for Economic Revival Campaign

On 27-10-2022, UVAS Alumni Mr Imtiaz Ali from **Botswana, Africa** visited UVAS. He gave 3 Million PKR donation to be contributed in UVAS Flood Relief fund. He agreed to UVAS's notion of economic revival of farmers. He added that all donators belong to African countries and they were asserting if farmers can improve their living states. Donators stressed on developing a sustainable model by the farmers and for the farmers so they are not dependant on any one in the future. Mr. Imtiaz Ali also took part in designing the strategy for these farmers. UVAS is grateful to them and all the donators from Africa who regardless of nationality, religion or race helped the flood affected farmers.



Economic revival strategy and shortlisting of farmers

In the start, to develop a sustainable model different consultants and socially active bodies such as ASLP were consulted. Later, UVAS decided to help most poor it is better to devise own scheme. A dedicated team was formed including Prof. Dr. Muhammad Hassan Mush-taq, Prof. Dr. Muhammad Ijaz, Dr. Arslan Ahmed, Dr. Furqan Awan, and Dr. Umer Javed. A rigorous scheme of selection of most deserving farmers was designed. A total of 2622 families were screened on basis of different parameters such as Families with reported human or animal deaths, lost houses/shelters, widows, farmers with no lands or animals, and Number of families and dependents with least income sources. All the team leaders were asked to recommend two persons from their areas based on above mentioned parameters. Based on initial screening and recommendations, 19 farmers were shortlisted. After re-screening and due to budget constraints, 9 farmers were selected.



Sr No	Name	Team Leaders	District	Dependents	No of animals	Land	Number of animals
1.	Abdul Hameed	Dr Hamid Akbar	Layyah	5	01 Cow	01 Kanal	01 Pregnant Heifer
2.	Zainab Bibi - Widow	Dr Hamid Akbar	Layyah	9	01 cow	02 Kanal	01 Pregnant Heifer
3.	Hafiz Ghulam Mustafa - Paralysis patient	Dr Oneeb	Taunsa	7	15 goats	No	03 - Goats
4.	Muhammad Hanif	Dr Oneeb	Taunsa	6	12	No	01 Pregnant Heifer
5.	Razia Bibi - Widow	Dr. Awais	DG Khan	3	02	No	01 Pregnant Heifer
6.	Safdar Ali	Dr Aun Muhammad	Fazilpur	9	4 goats	1.5 acres - Rented	03 – Sheep
7.	Azra Bibi – Widow	Dr Asif	Rajanpur	3	No	No	01 Pregnant Heifer
8.	Khan Muhammad	Dr. Faiz Rasool	Rojhan	6	5 goats 2 cattle	4 Acres - Rented	01 Pregnant Heifer
9.	Joat Ali	Dr. Ijaz Ali Channa	Khairpur	6	No	No	01 Pregnant Heifer

Procurement of Animals

In the next phase of Economic revival of flood affected farmers, animal purchasing and distribution was planned. To cut the transportation costs and considering farmers' ease, Layyah was designated as the suitable for animal purchasing and distribution to farmers. For this purpose, it was decided that staff from Para Veterinary Institute (PVI), Layyah will be engaged for animal purchasing.

Dr. Absar Ahmed, Principle PVI Layyah arranged a team of veterinary professionals for the purchasing of these animals. Dr. Tariq Nadeem performed the ultrasonographic examinations and confirmed the pregnancy status of animals. Animals were purchased after confirming the sound health status and pregnancy status. To maintain the health status of these animals, they were vaccinated against FMD and dewormed. These animals were also tagged and dipped in the dipping solutions for proper removal of ectoparasites.



Livestock Distribution Among Flood Affected Families

In continuation to this campaign, The University of Veterinary and Animal Sciences Lahore under its Flood Relief & Assistance Campaign arranged livestock distribution ceremony at Para Veterinary Institute, Karor Lal Eason, Layyah (sub-campus of UVAS) under the initiative “Economic revival of flood affected families.” Prof. Dr. Nasim Ahmed Vice Chancellor UVAS chaired the ceremony.

Assistant Director Livestock Layyah Dr. Tariq Gudara, Convener UVAS flood relief campaign Prof. Dr. Muhammad Ijaz and Principal PVI Dr. Absar Ahmad Randhawa attended the ceremony.

Prof. Dr. Nasim Ahmed said that UVAS has played national duty by providing veterinary as well as community welfare services across Pakistan during flood 2022. He said that today’s ceremony is the continuation of UVAS flood relief campaign to uplift the economic status of potential flood affected families.

Prof. Dr. Muhammad Ijaz briefed about UVAS flood relief and assistance campaign. He said that UVAS has provided relief services and goods among flood affected families of total worth over 30 million rupees.

During the ceremony, VC UVAS distributed cattle, sheep and goats among selected flood affected families from Layyah, DG Khan, Fazilpur, Rajanpur, Taunsa, Rojhan and Khairpur (Sindh).

Dr. Tariq Gudara appreciated the efforts of UVAS in uplifting the flood affected families. He thanked Prof. Dr. Nasim Ahmed for initiating such worthwhile community services.

Dr Absar Ahmed concluded the ceremony on a note of thanks







بیانِ حلفی وصولی اثاثہ جات

جانوروں کی تقسیم کا پراجیکٹ

میں _____ ولد / زوجیت _____
_____ سکھ

تصدیق کرتا/ کرتی ہوں کہ میں نے کے جانوروں کی تقسیم کا پراجیکٹ تحت اثاثہ جات
بتاریخ _____ مالیت _____

یونیورسٹی آف ویٹنری اینڈ اینمل سائنسز لاہور سے وصول کر لیا ہے۔ میں _____
اس بات کا عہد کرتا / کرتی ہوں کہ مجھے جو اثاثے دیے گئے ہیں ، ان کو میں اپنے کاروبار میں
رکھوں گا/ گی اور آئندہ پانچ سال تک اسکو بیچنے کا / کی مجاز نہیں ہوں۔ اگر فراہم کردہ اثاثہ کو بیچا
یا کسی دوسرے فریق کو منتقل کیا تو ادارے میرے خلاف قانونی کارروائی کرنے کا حق رکھتا ہے۔

نام : _____

شناختی کارڈ نمبر : _____

دستخط / نشان۔ انگوٹھا: _____

رابطہ نمبر _____

Transportation of Animals

After the livestock distribution ceremony, a binding deed was signed by each farmer that bound them to follow the restriction of selling that animal. All the animals were handed over to their designated owners. UVAS helped those farmers in transporting the animals to their respective cities.

All the farmers loaded their animals on the trucks and left with their animals. Later on they were contacted by UVAS team and all confirmed the safe arrival to their destinations.

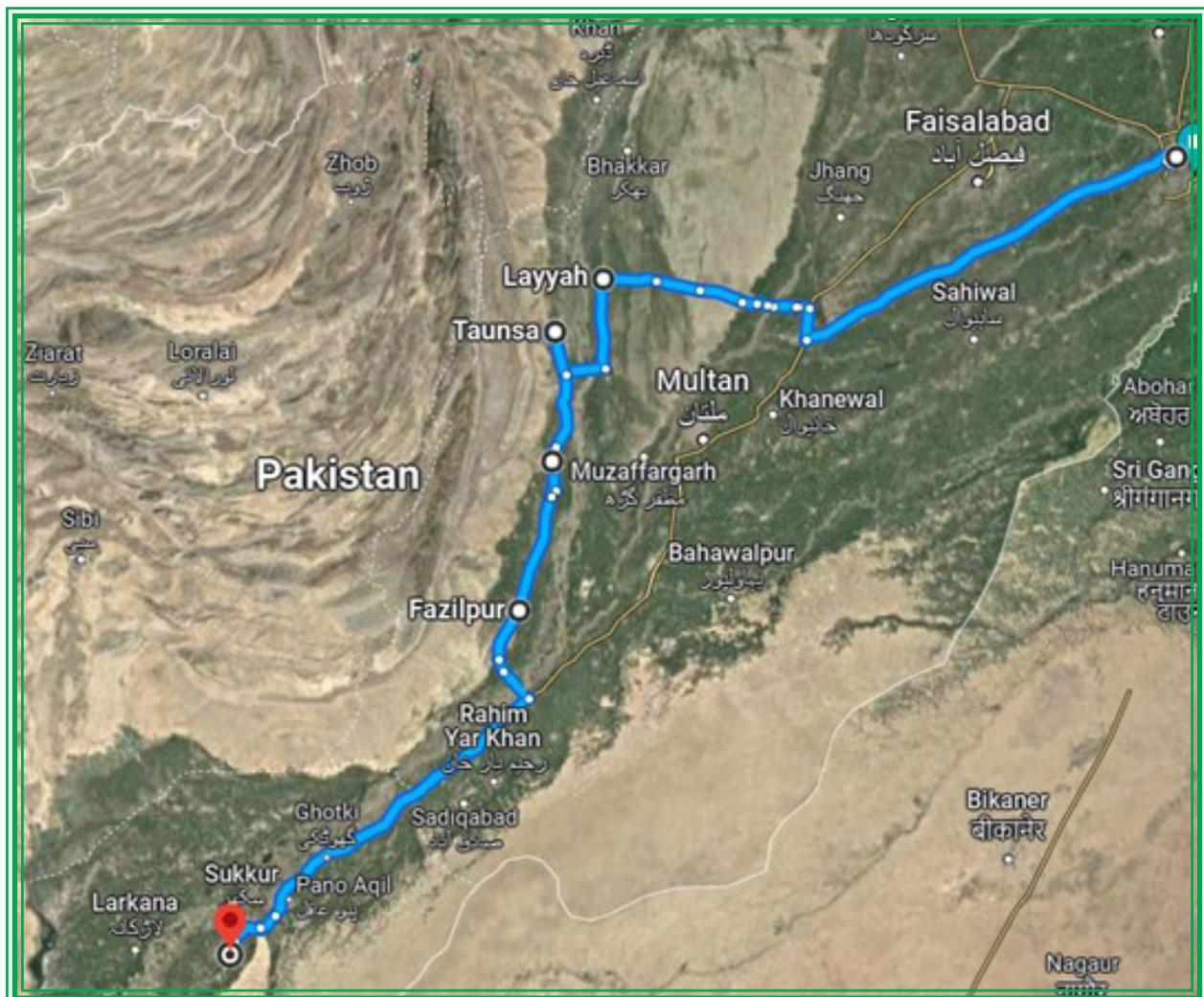


Follow up of the Animals Distributed

A follow up activity was planned to record the health status of animals. Telephonically UVAS team contacted the farmers after every one month. All the queries related to animal health, nutrition and management were discussed. A dedicated team was guiding the farmers regarding the concerned animals

A questionnaire was developed to observe the change in 5 key points of their routine life. These points involved Skills/Knowledge, Network, Commitment, Profit and Well-Being. These data were collected as ordinal Likert scale and concerns change in these points before / after the intervention of providing animals.

After the majority of animals gave birth to offspring, a follow up visit was also made to observe the real time scenario and recording their change. The farmers found with satisfactory conditions were planned to be incentivized with amount of 10,000/ Rs.



Success Story 1

Abdul Hameed from Layyah

Abdul Hameed is by profession a rickshaw driver living in Chak142 TDA, near Lalazar, Layyah flood prone areas. He has family of 5 dependents. He owned 01 Cow that died in flood and 10 Marla land for his house that is destroyed in flood. He is living in rented house these days while earning a daily wage of 1000/- Rs. He is working hard to educate and feed his family. His elder son has passed intermediate and currently studying in a computer course diploma.

To uplift this family, 01 Pregnant Heifer was given to him previously. On 10th August, his cow parturiated and gave birth to a female calf. Milk production of cow is 15 liters a day. Half of milk is being used for feeding the calf and daily household chores while half is being sold out to market/dodhi at the price of 120Rs per lit. Addition of Cottonseed cake (Khal Banola) was recommended to increase the milk production.

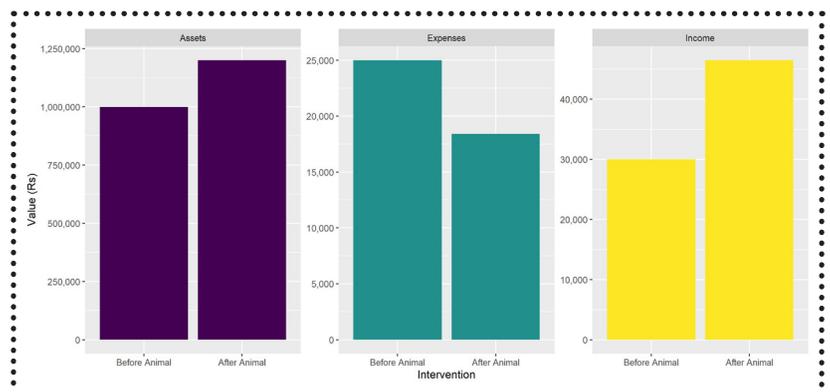
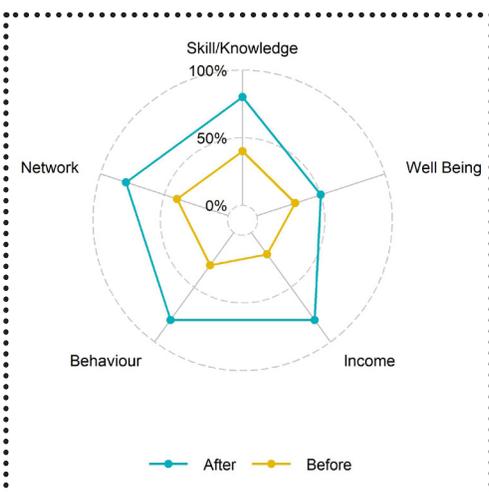


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Impact

Providing animal has positively impacted the family in all the 5 parameters. Income was found to be the parameter that increased better than all. Although rural background has helped him in raising animal but there were skills such as addition of mineral mixture and concentrate, he learnt recently. Considering cattle (cost: 300,000/-) and female calf (cost: 20,000/- Rs) as asset, if taken care properly, it will flourish in near future. Abdul Hameed agrees that raising animal is beneficial and is willing to continue in future.



Success Story 2

Zainab Bibi from Layyah

Zainab Bibi is a widow living in Basti Jaisal Klasra, Layyah. She has a family of 9 dependents. Her elder son, Ghulam Jaleel, is patient of TB and cannot earn while his wife is patient of brain tumor too. The only bread winner is Gulam Jaleel's 13 years old son who works as car mechanic.

Zainab Bibi's two animals died and one animal shelter house was destroyed in flood. Now she owns 01 cow and 1 kanal area for agricultural purposes that is very less to feed a big family with such debilitating conditions. Dr Hamid Akbar visited the area with his team and recommended him for economic revival animal distribution.

A pregnant heifer was given in order to uplift this family. On 30th July, her cow gave birth to a male calf which is healthy and growing. Milk production is around 8 liter a day which

she sells at the rate of 110 Rs per liter. Total earnings from milk of both animals is around 1100/- Rs per day.

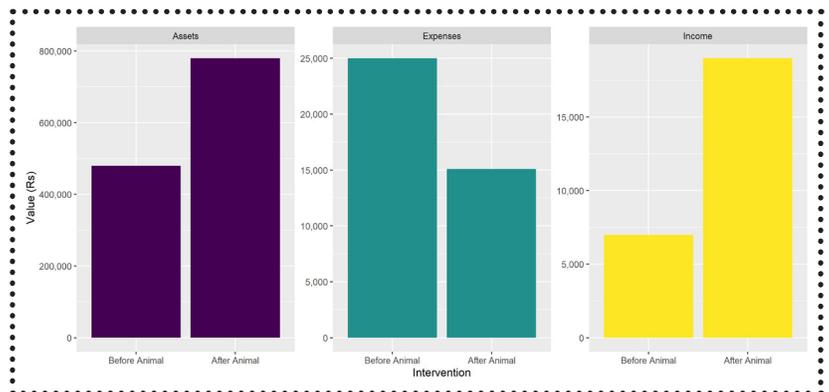
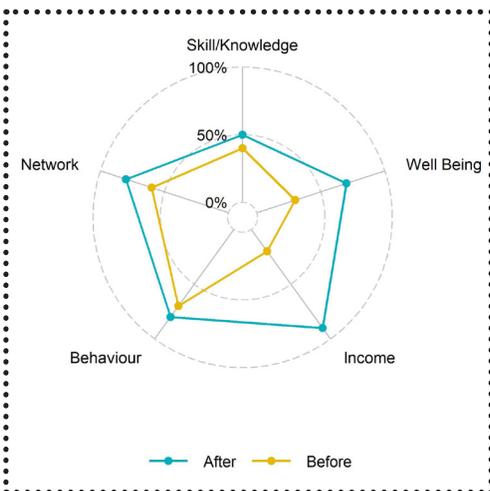


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Impact

Providing animal has positively impacted the family in terms of income and well-being. Income was found to be the parameter that increased around 2 folds. This family already possessed the skills of raising animals, had network with other animal owners and milk suppliers and had positive behaviour towards raising the animals for profit. Considering cattle (cost: 300,000/-) and male calf (cost: 10,000/- Rs) as asset, if taken care properly, male calf could be sold as fattened animal on Eid occasions.



Success Story 3

Hafiz Ghulam Mustafa from Taunsa

Hafiz Ghulam Mustafa belongs to Kachi Abadi, Sanghar Bridge, Taunsa and has a family of 7 dependents. He is Paralysis patient and strives hard to grow animals for meat purpose by grazing. He has 15 male goats that he sells after every 6 months. He just owns a small piece of land that he uses for keeping his animals. He owns no house and land for cultivation. During flood, his 3 goats died and animal shelter was destroyed.

Dr Oneeb visited him in Taunsa and guided him about raising goats with good farming practices. It was decided to give him 3 goats.

All the 3 goats have been already parturiated and gave birth to one kid each. One kid is male and others are female. Milk production is around 3 liters per day that is enough for kids' feeding and daily household chores. He has planned to raise the male kid for fattening/meat purpose while he would further use these female goats for breeding again. His sons are student of intermediate and help him in raising these animals.

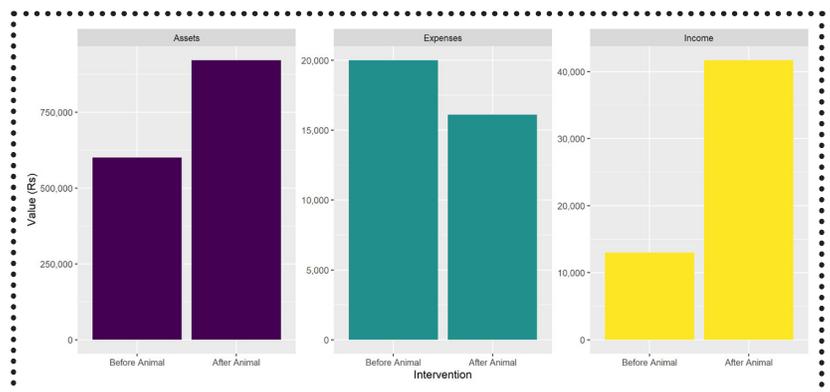
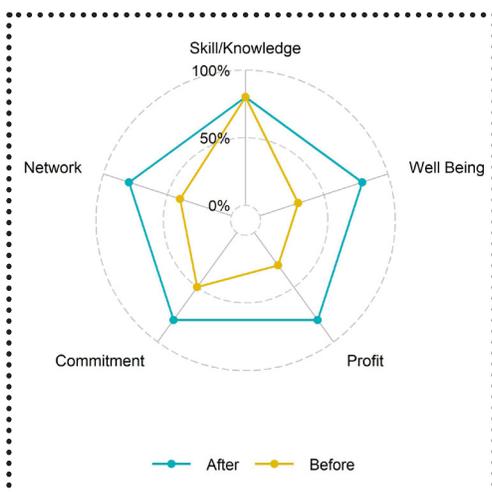


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Impact

Intervention of providing goats to this goat farmer was found impactful. Although there was no change in skill/knowledge was observed but he is expecting a better well-being and profit after selling the raised offspring. He never planned for goat breeding but after this intervention he is networking with other goat breeders and looking for ways to multiply his herd. Although reduction in daily expenses is not much but asset and income is expected to raise.

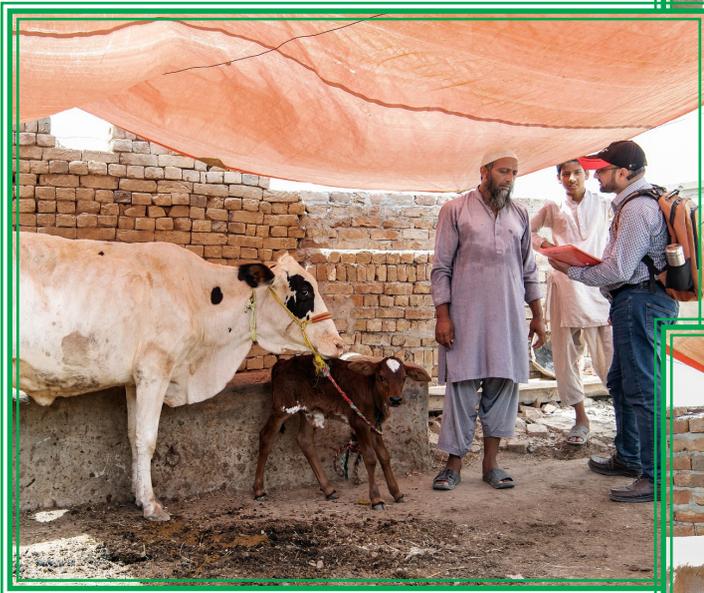


Success Story 4

Hafiz Muhammad Hanif from Taunsa

Muhammad Hanif lives in Mangrotha Gharbi (West), near BHU, Taunsa and has family of 8 dependents. He is earning a minimal salary against his services as Imam Masjid in a local mosque. Before flood, he owned 6 animals and his house and animal shelter were partly damaged in flood. Dr. Oneeb visited him and after confirming the death of his 5 animals and destruction of his animal shelter house, he recommended him for UVAS's economic revival program.

A Pregnant Heifer was given to him during the distribution ceremony which gave birth to a male calf on 19/08/2023. Milk production is around 6 liters per day. After feeding calf, he sells the milk with the rate of 110/- Rs per liter or consumes in household chores.

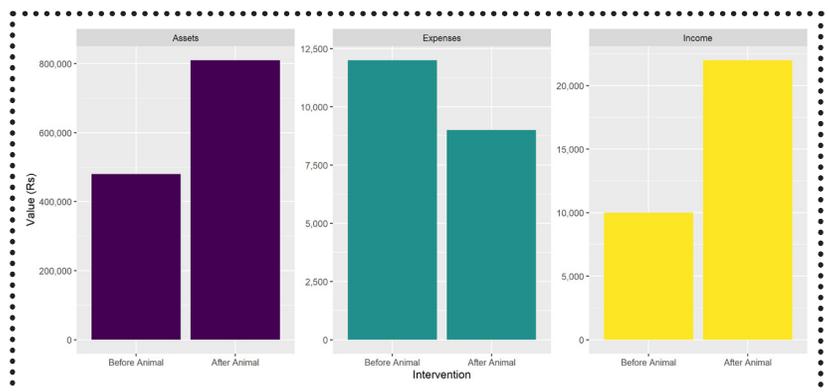
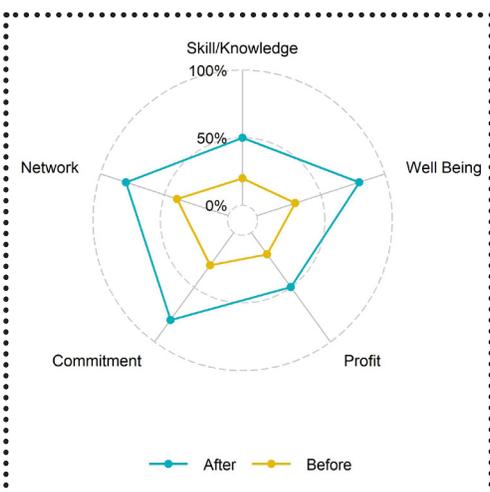


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Impact

Animal provided to him increased his well-being and commitment towards again raising animals for business. His daily expenses and assets were the main change in his opinion. His network of selling milk or recognition with other farmers is revived while he still wants to learn more about skill of raising animals. He is convinced that better feed management could increase the milk production.



Success Story 5

Razia Bibi from Dera Ghazi Khan

Razia Bibi is a widow and has family of 3 dependents (minor kids: 2 sons and 1 daughter). She lives with her brother in Mamuri, near Civil Veterinary Hospital, Dera Ghazi Khan. She has no earning and source of income. Before flood, she had 2 animals and no land for cultivation. His house was completely destroyed in flood and 1 animal died during flood. Dr. Awais visited her family and recommended her for UVAS initiative. To uplift this family, 01 Pregnant Heifer was given to him. Her animal is still pregnant (till 29/08/2023) and healthy. She is willing to sell the milk of the animal as she used to sell before the flood.

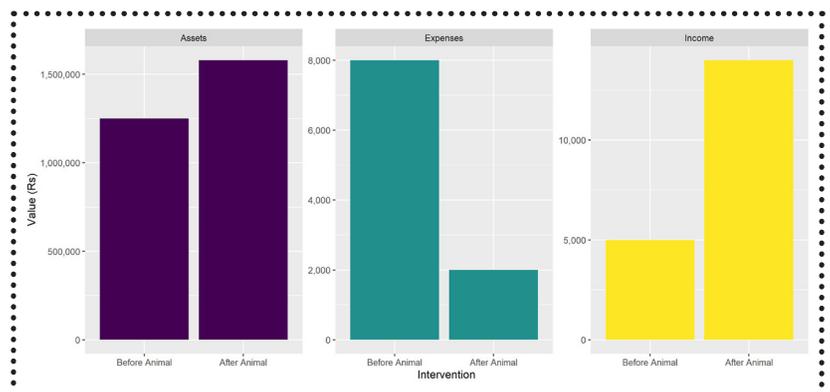
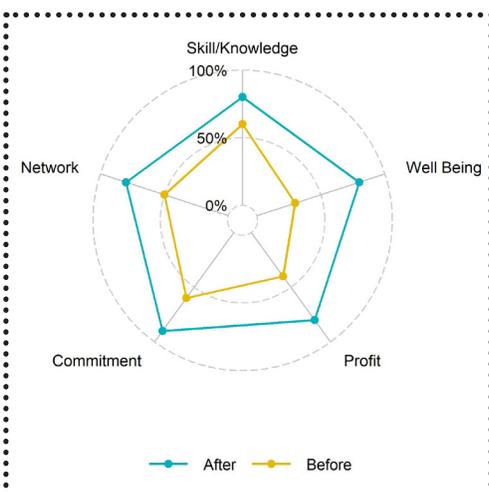


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Impact

Providing animals could change her income and assets while she plans not to use the milk produced by this cow for daily household chores. There is no significant change observed in skill, networking and commitment but there could be change observed in well-being and profit.



Success Story 6

Safdar Ali from Fazilpur

Safdar Ali is resident of Basti Nizamabad, Hajipur road, Fazilpur. He has family of 9 dependents. He already owns 4 goats and rented a land of 1.5 acres for cultivation purposes. During flood, his house was partly damaged and has no money for re-constructing the house. Dr Aun Muhammad and his team visited his area and recommended him for sheep animals.

From 3 sheep, two have already parturiated and gave birth to one lamb each. Lambs were healthy and growing. He is planning to raise the lambs and sell them on Eid occasion to earn a good profit.



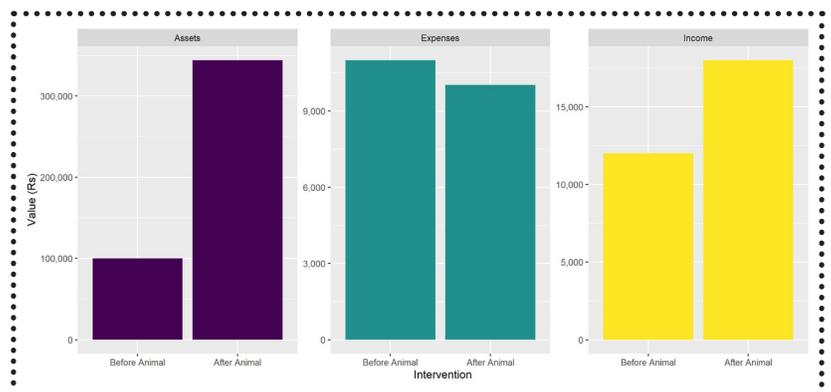
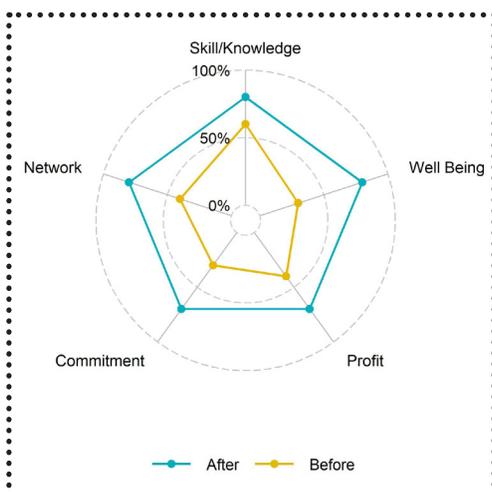
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GPS Coordinates
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Impact

There is significant observed change in assets and while change in income is expected when the lambs will be sold. However, this intervention has positively impacted the well-being and profit/income. He wants to raise this business and want to add more animals especially large animals in his herd.



Success Story 7

Azra Bibi from Fazilpur

Azra Bibi is a widow from Adhiwala, Muhammad pur Dewan, Fazilpur. She is mother of 3 daughters with no cultivation land and animals. She works as cotton farm labourer on 1/8th of the profit which she will get after the harvesting period. Before flood, she had 2 animals which were died during the flood. She has experience of animal raising and understands the milk selling business.

A Pregnant Heifer was also recommended to her by Dr Asif and his team. Cow gave birth to a male calf on 19/08/2023. Milk production is around 10 liter per day.

Half of the milk she sells at the price of 100/ Rs per liter while half of the milk is used for calf feeding and daily household chores.



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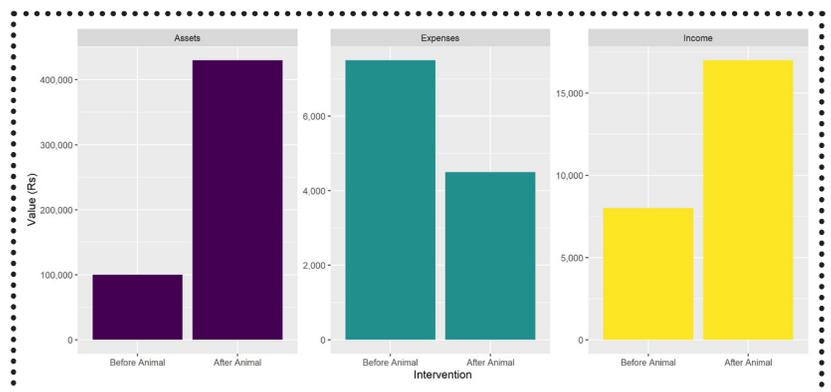
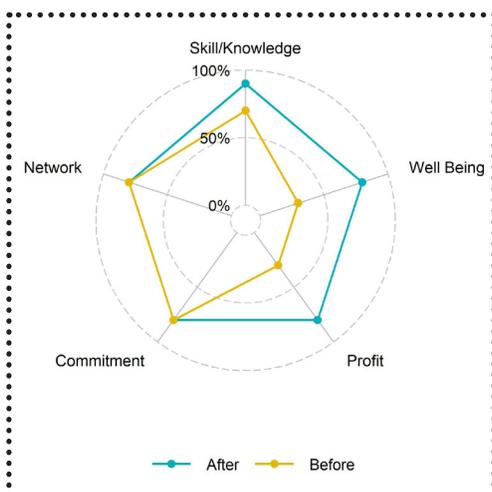
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Impact

Providing the animal improved her well-being, skills and profit/income. Due to her prior experience, networking and commitment were found unchanged. Her daily household expenses are reduced and asset are also increased.



Success Story 8

Khan Muhammad from Rojhan

Khan Muhammad is a farmer from Rojhan. He has family of 6 dependents. He has 5 goats 2 cattle and with 4 Acres rented land. He is trying his best to raising his farming skills and animal production to the level of sustainability. He is recommended by Dr. Faiz Rasool.

To revive this family's economic conditions, 01 Pregnant Heifer was given to him. On 10th September 2023, his cow gave birth to a male calf. His cow is giving milk around 12 liters per day. He sells all the remaining milk in the market after feeding calf.



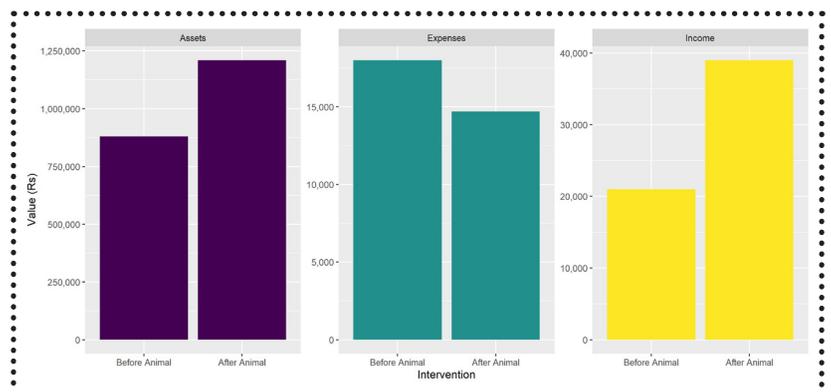
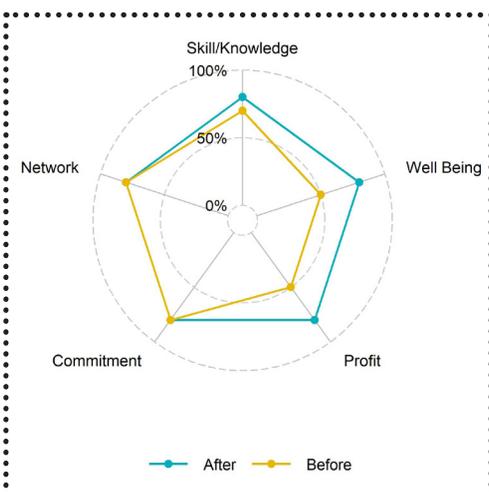
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Impact

There was no change observed in his networking, commitment, and skill. However, his well-being and profit is expected to raise. His income and assets have surely been increased. He is like a progressive farmer who wants to learn and excel. He already attended the training.



Success Story 9

Joat Ali from Khairpur

Joat Ali is from Kot Dijji, Khairpur Sindh. He has 7 dependents in his family with minor 5 kids. He owns no cultivation land and animals. He owns a small piece of land where he lives with his family. He is working as Daily wages worker in the Shah Abdul Latif University, Khairpur. During flood, his house was completely damaged. He has prior experience in animal raising.

To improve his family income, 01 Pregnant Heifer was given to him. The heifer is pregnant and doing well



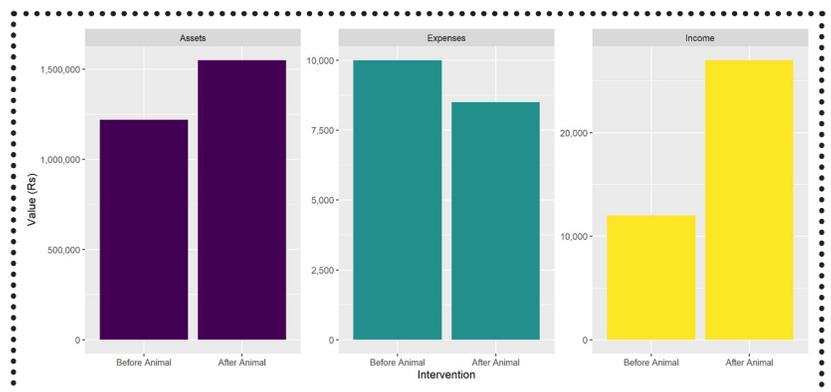
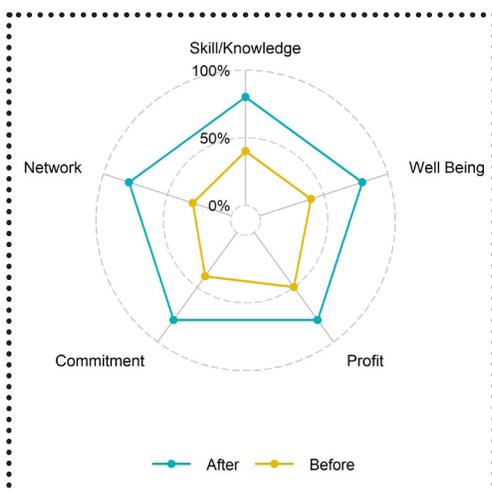
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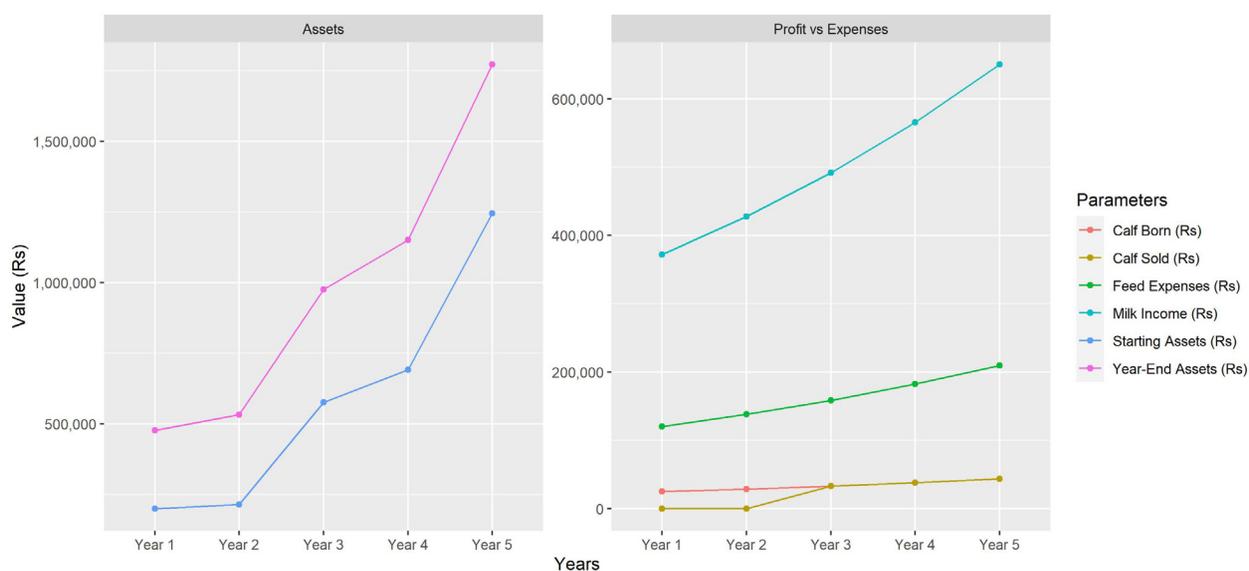
Impact

Intervention of providing animal has increased all the parameters of study. He is expecting a raise in income and reduction in daily expenses. Apart from raise in asset, commitment and well-being was also found to be increased.



Estimated income from an Ideal Milk producing animal

In an ideal case, when a pregnant cow is given to a farmer, he should be ended up with much higher assets and profit. We consider that exemplary cost of cow given is Rs. 200,000/- then after every year cow is getting pregnant and giving birth to a calf. Yearly feed expenses are set at 12,000 Rs per annum, while accounting for a 15% increase in both feed expenses and milk income each year, a 20% increase in the cow's value each year, and a 25% increase in the price of calves each year.

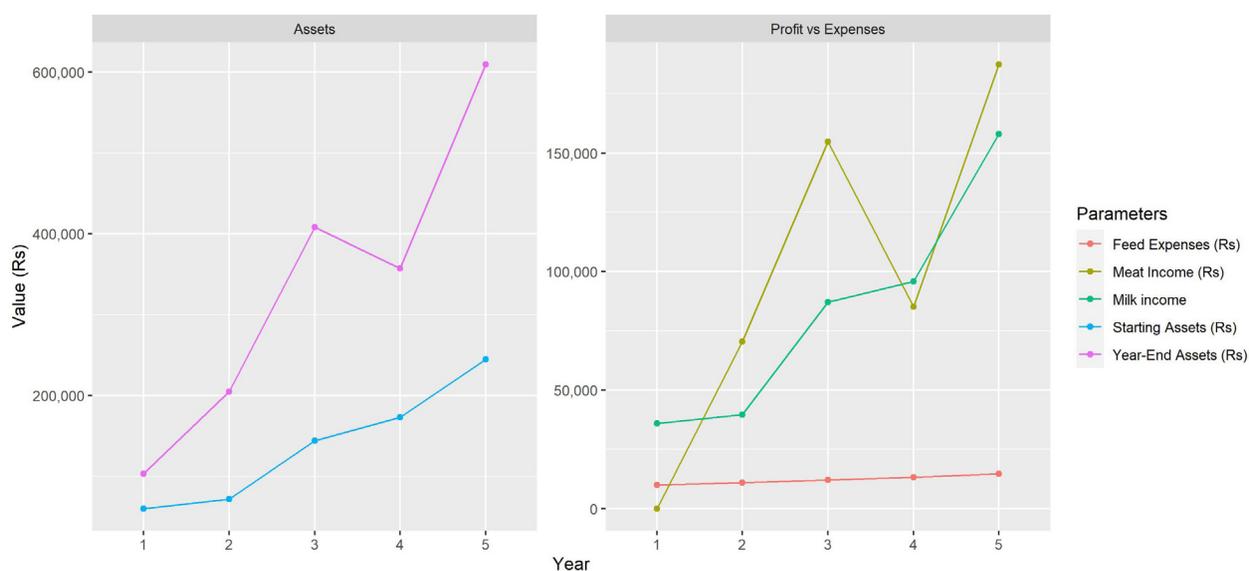


Years	Starting Assets (Rs)	Milk Income (Rs)	Feed Expenses (Rs)	Calf Born (Rs)	Calf Sold (Rs)	Year-End Assets (Rs)
Year 1	200,000	372,000	120,000	25,000	-	477,000
Year 2	214,560	427,800	138,000	28,750	-	533,110
Year 3	576,000	491,970	158,700	33,063	33,063	975,395
Year 4	691,200	565,766	182,505	38,022	38,022	1,150,505
Year 5	1,244,160	650,630	209,881	43,726	43,726	1,772,360

Align the numbers in tables

Estimated income from an Ideal Meat-purpose animal

In an ideal meat purpose animal, when a pregnant goat is given to a farmer, higher assets and profit are expected. Considering cost of goat given is Rs. 60,000/- then after every 18 months goat is getting pregnant and giving birth to single kid. Yearly feed expenses are set at 10,000 Rs per annum, while accounting for a 10% increase in both feed expenses, milk, and meat prices each year. A 20% and 25% increase is expected in the goat's value and the price of kids each year, respectively.



Year	Starting Assets (Rs)	Meat Income (Rs)	Feed Expenses (Rs)	Kids Born (No.)	Kids Sold (No.)	Milk income	Year-End Assets (Rs)
Year 1	60,000	-	10,000	1	-	36,000	103,000
Year 2	72,000	70,400	11,000	2	1	39,600	205,000
Year 3	144,000	154,880	12,100	2	2	87,120	407,900
Year 4	172,800	85,184	13,310	1	1	95,832	357,506
Year 5	244,800	187,405	14,641	2	2	158,123	609,687

Overall Impact

UVAS initiated the Flood Relief and Assistance Campaign 2022-23 and fundraising for flood affected areas. For immediate measures, UVAS sent nine flood relief volunteer teams to the nine different flood affected areas of Pakistan especially south Punjab. Meanwhile, A Pakistani expat Mr. Imtiaz Ali from Botswana, Africa played an instrumental role in raising a donation of 3 million Rs for UVAS's flood relief campaign. He was insisting on a strategy should be designed that could help farmers in having long term sustainability impacts in their lives. After series of meetings, it was decided that strategy of providing animals to affected individuals could be adopted with fortnightly telephonic follow-up. After distribution of animals, farmers were contacted at regular intervals. After duration of animal pregnancy, almost all gave births and milking around 10 liters per day.

Providing pregnant animals has significantly improved their economics and reduced daily expenses up to some extent. These persons were skilled in raising animals and willing to raise animals. Therefore, they sustained and are willing to multiply the animals. Well-Being and commitment were found to be increased apart from income. Strategy to uplift the poor person worked well along with regular follow-up. Providing animals can uplift a farmer who lost his animals in disastrous situations. Patience is the key - farmer must be made understand that raising the animal, getting the offspring and selling the milk is not overnight job. We now are convinced this is one way we can bring change in lives of poor families.

Online Video Links

Animal Distribution Ceremony:

<https://www.youtube.com/watch?v=uEPmZeOuCbM>

Feedback Campaign:

<https://www.youtube.com/watch?v=tz3YMT8aMao>

Summary offlood relief campaigns 2022

<https://www.youtube.com/watch?v=ydRwxPiDPRw>

UVAS Flood Relief

<https://uvas.edu.pk/Flood/index.htm>

UVAS Flood Relief Committees

1. Organizing Committee

Vice Chancellor, UVAS, Lahore
Principal Officer Students Affairs
Director Student Affairs
Principal, KBCMA, CVAS, Narowal
Principal, CVAS, Jhang
Principal, PVI, Layyah
Principal Officer, Ravi Campus
Registrar, UVAS, Lahore
Treasurer, UVAS, Lahore
Prof. Dr. Muhammad Ijaz

2. Management Committee

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Mr. Rana Muhammad Amjad Iqbal
Dr. Muhammad Asad Ali
Dr. Arslan Ahmed
Mr. Muhammad Umar Javed
Ch. Muhammad Shafiq
Mr. Muhammad Nouman
Dr. Bilal Ahmad Shah (Secretary)

3. Medicine Arrangement Committee

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Prof. Emeritus Dr. Muhammad Ashraf
Dr. Jawairia Ali Khan
Dr. Tahir Mehmood Khan
Dr. Muhammad Usman (Secretary)

4. Fund Raising Committee

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Prof. Emeritus Dr. Masood Rabbani
Prof. Dr. Muhammad Ovais Omer
Prof. Dr. Muhammad Ihtisham Khan
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Prof. Dr. M. Rizwan Yousaf
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Dr. Muhammad Avais
Dr. Muhammad Asad Ali
Dr. Dilshad Rasheed
Mr. Qaiser Hussain
Mr. Muhammad Irfan Najmi
Ch. Muhammad Shafique (Secretary)

5. Procurement Committee

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Prof. Dr. Muhammad Ovais Omer
Ch. Muhammad Shafique (Secretary)
Mr. Hafiz Mudassar Ashfaq
Syed Imran Haider Zaidi

6. Arranging Rashaan etc. and Packing Committee

Dr. Jawaria Ali Khan (Convener)
Dr. Gulbeena Saleem
Dr. Saima Ashraf
Dr. Sehrish Faryal (Secretary)
Mr. Umar Javed
Ms. Komal Nazar
Ms. Saba Nazir
Mr. Muhammad Irfan
Ms. Warda Naseem
Mr. Shahbaz Ali

7. Press and Media coverage Committee

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(Convener)
Dr. Furqan Awan
Mr. Muhammad Rizwan Saleem
Mr. Muhammad Iqbal
Mr. Muhammad Nouman (Secretary)
Mr. Sohail Abbas
Mr. Basharat Ali Khan

UVAS Volunteer Teams

Phase 1

GROUP 1 Area: Fazilpur

Dr. Syed Aun Muhammad (Team Leader)
Dr. Ahmad Yar Qamar
Mr. Muhammad Asad Ullah
Mr. Muhammad Asif
Dr. Waseem Nazar
Dr. Hamza Khalid
Dr. Sami Ullah
Dr. Ammar Tahir
Dr. Haider Jabbar
Dr. Aftab Hussain
Dr. Muhammad Asad Fayaz

GROUP 2 Area: Taunsa

Dr. Muhammad Oneeb (Team Leader)
Dr. Abdul Rehman
Mr. Nazim
Dr. Abdul Rauf
Dr. Muhammad Azhar
Dr. Shabab Ahmad
Dr. Qazi Hamza Khurram
M. Bilal Mehdi
Dr. Muhammad Rashid
Dr. Arslan Ahmed Qureshi

GROUP 3 Area: Rajanpur

Dr. Muhammad Asif (Team Leader)
Dr. Imran Laghari
Mr. Muhammad Umair
Dr. Muhammad Umar Javed
Dr. Muhammad Kaleem ullah
Dr. Awais Masood
Mushhood ul Rehman
Dr. Jahanzaib
Mr. Ibrar Manzoor
Dr. Saud Mursleen

GROUP 4 Area: DG Khan

Dr. Muhammad Avais (Team Leader)
Dr. Kashif Maan

Mr. Ali Hassan
Dr. Muhammad Muneeb
Dr. Muhammad Asjad
Dr. Hussain Ahmad Saeed
Dr. M. Khalid
Dr. M. Mujahid
Dr. Ahsan Khan
Dr. Wasiq Siddiq

Phase 2 Teams

GROUP 1 Area: LAYYAH

Dr. Hamid Akbar (Team Leader)
Dr. Ghazanfar Ali Chishti
Dr. Tariq Nadeem
Dr. Ahsan tariq
Dr. Hamza Rasheed
Dr. Jawad Kareem
Dr. Shafiq ur Rehman
Mr. Faiq Naeem
Dr. Muhammad Usman
Salman Khalid Gorski
Dr. Ali Raza

GROUP 2 Area: ROJHAN

Dr. Faiz Rasool (Team leader)
Dr. Muhammad Yaseen
Dr. Muhammad Asif
Mr. Sagheer
Dr. M. Arslan
Hassan Mujtaba
Noman Elahi
Mr. Haseeb Khadim
Hafiz Hamza Aziz
Hafiz M. Abdul Mutlib Wattoo
Hamza Mushtaq
Talha Ashraf
M. Imran Khan
Ahmad Raza Bhutta

GROUP 3 Area: CHARSADA (KPK)

Dr. Shahid Hussain Farooqi (Team Leader)
Dr. Syed Haider Zaman
Mr. Amir Abbas Khan
Dr. Sikandar
Mr. Basit Munir
Mr. M. Umar Anjum
Mr. Fakher-e-Alam
Mr. M. Afham Naeem
Mr. Zeeshan Ali
Khubaib Anees
M. Ahsan Jawad
Mubashir Maqbool

Phase 3 – Teams

Group 1 Area: LASBELA, Baluchistan

Dr. Ammar Nasir (Team Leader)
Dr. Muhammad Irfan
Mr. Shahid
Dr. Arbab Sikandar
Dr. Qazi Israr
Juma Khan
Asif Khan

Taimoor Afzal
Muhammad Bilal
M. Usama Asad
Mahnoor Baloch
Farhan Baloch
Nasrullah
Mir Sher Jan

GROUP 2 Area: Khairpur, SINDH

Dr. Aijaz Ali Channa (Team Leader)
Dr. Aman Ullah Khan
Mr. Zaheer Ahmed
Mr. Muzaffar
Dr. Abdul Mateen
Ans Nadeem
Syed Muhammad Adeel Arshad
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