

Enhancing Productivity in 10 Low Producing Tehsils through Deployment of Fresh Agri. Scientists at Farm Level

An ADP Funded Pilot Project



Project Design



**Union council
based
placement**



**Appointment
for one Year**

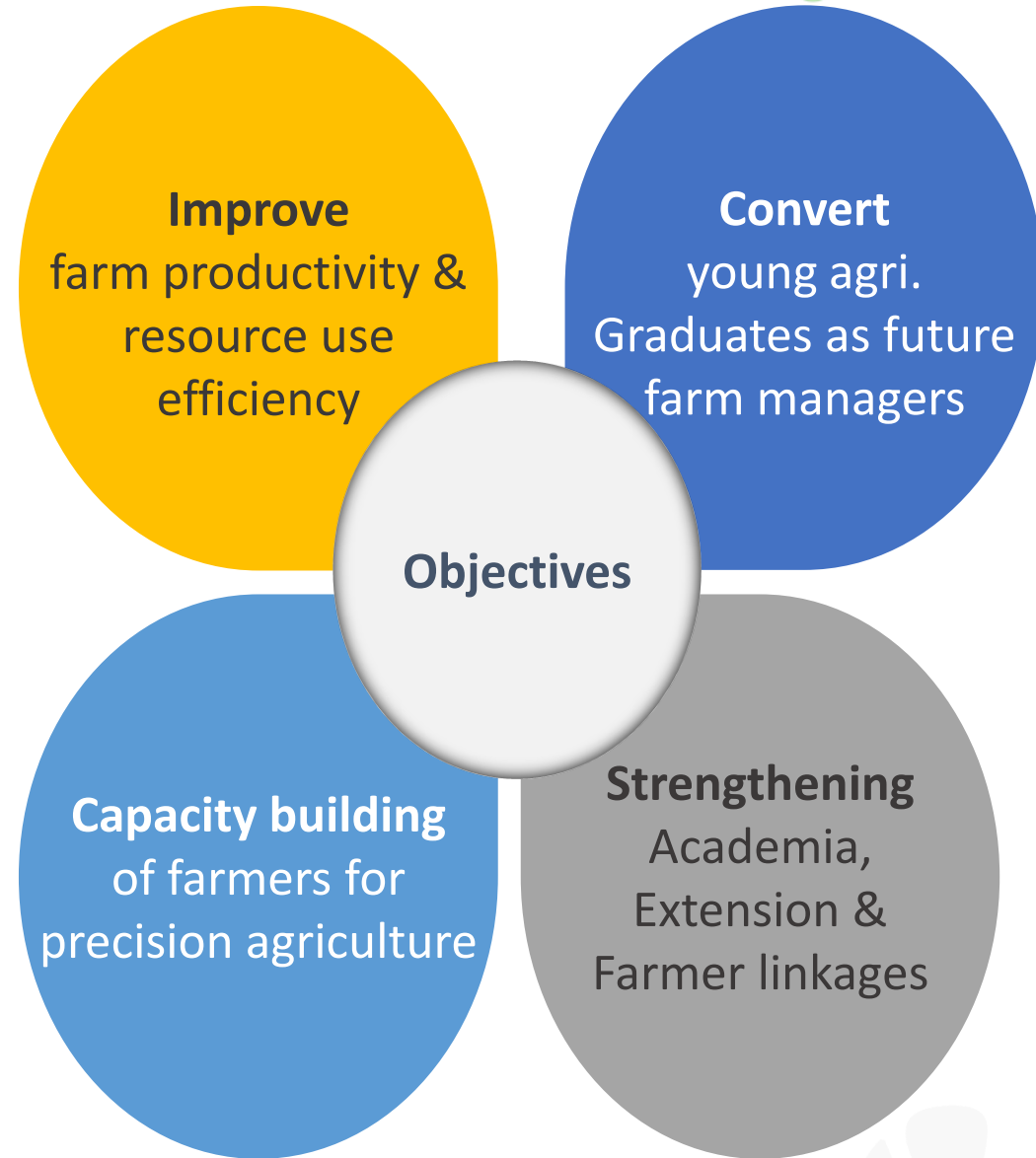


**Stipend @
Rs. 30,000
per month**



**Backup
through
Supervisor**

showweet



Progress Dashboard Agri. internship Project (1st Batch of Internees)

10 Low Producing Tehsils

3 Agricultural Universities

11 Training Modules

374 Interns
(2 Batches for 12 months)

38 Supervisors

ICT based M&E
KPI based incentives

Area under Project (acres)
Target: 27500 acres

Rabi / Kharif

30521/31850

1899

Registered
Farmers

Financial Disbursement of Funds

Year 2019-20

38.47 Millions

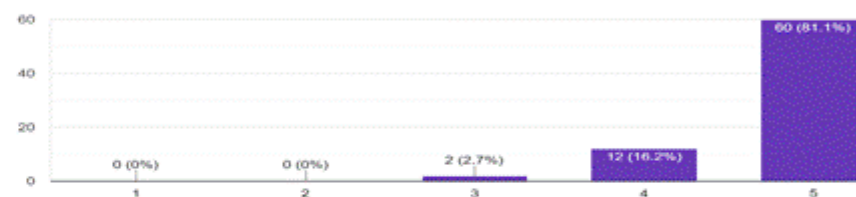
Year 2020-21
(15-12-2020)

76.5 Millions

% Utilization

76%

Experience of Internship in Professional Development



No Benefit

Highly Beneficial

First Batch:
110 interns
(Jan 2020 to Jan 2021)

Intensive hands on Trainings at 3 Venues
MNS-UAM, UAF, UAAR

13
Training
Modules



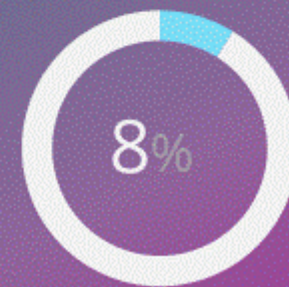
Yield
Increase



Innovations
at Farm
Level



Farmer
Meetings &
Community
Service



Female
Particip.
in Project

Progress Dashboard Agri. internship Project (2nd Batch of Internees)

10 Low Producing Tehsils

3 Agricultural Universities

12 Training Modules

Area under Project
(acres)

77556

Quarterly Financial Disbursement of Funds

1st Quarter

31 Millions

2nd Quarter

Utilized

3rd Quarter

Continued..

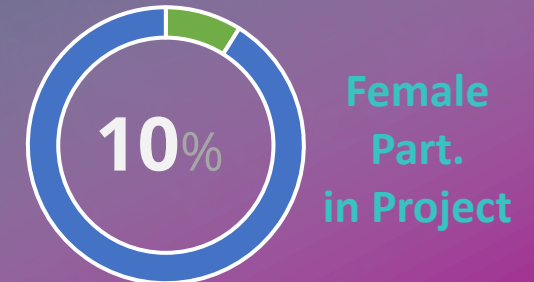
246 Interns
Onboarded in
2nd Batch

32 Supervisors

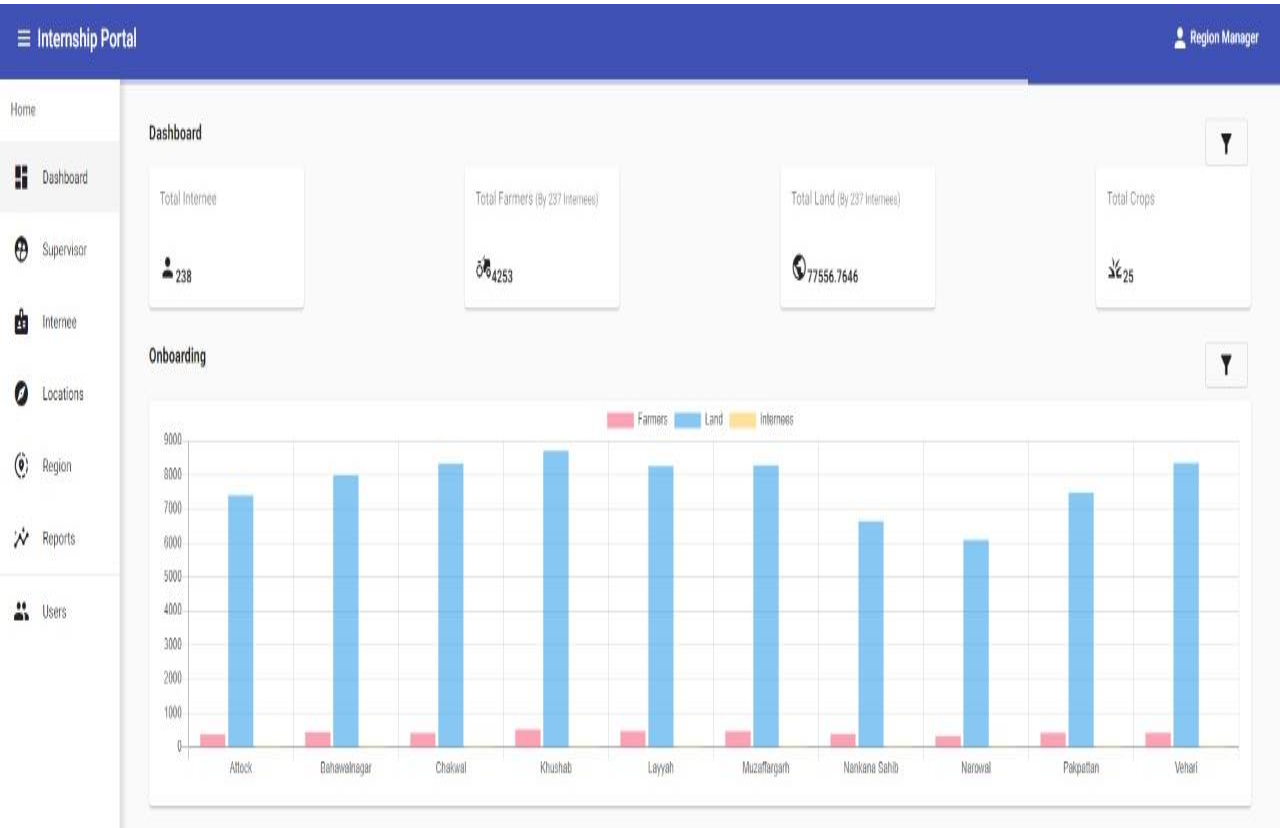
4253
Registered
Farmers

Data of 25 Crops
incorporated in
Monitoring
Dashboard

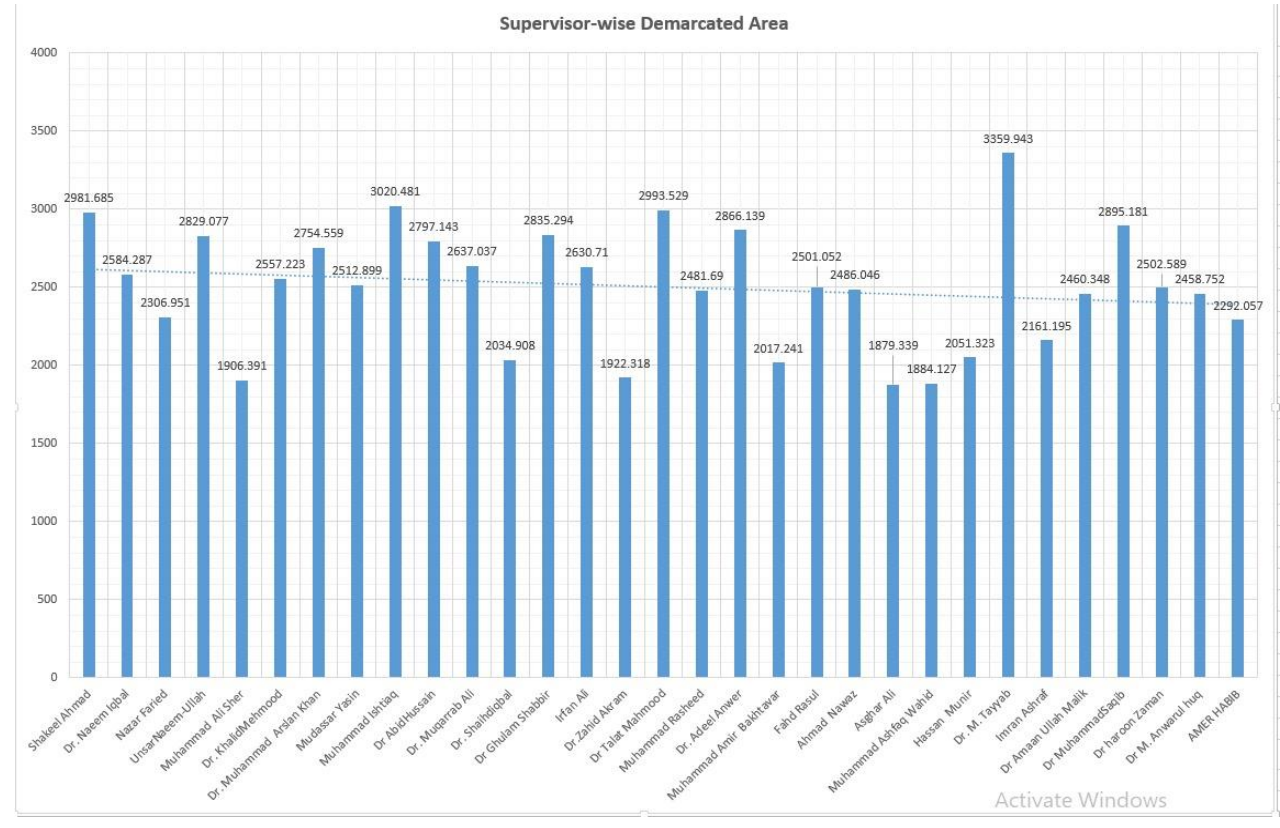
ICT based Monitoring
& Evaluation



KNP Dashboard



Demarcated Field Area



Field Force Tracking System MNSUAM

User ID

Password

Sign-In



Current Settings



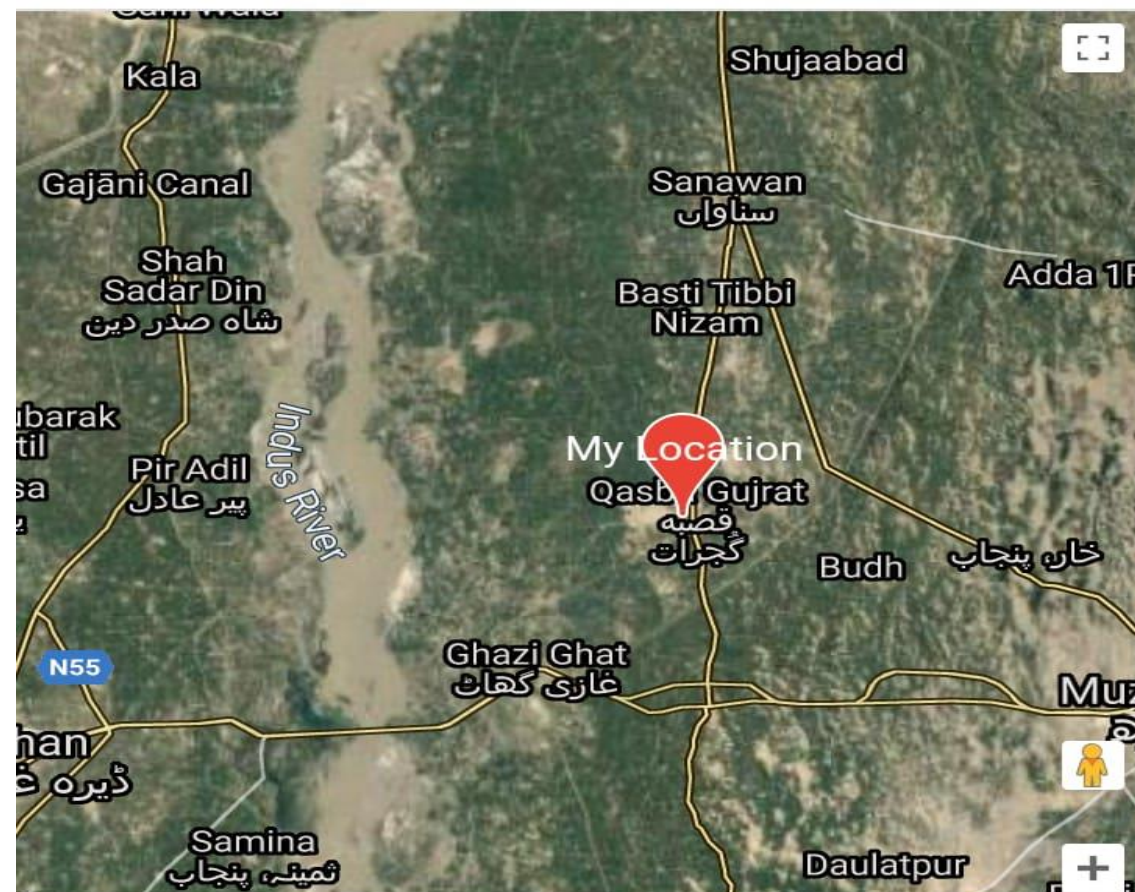
GPS Permission



GPS is On



Background Location



Progress during 1st Batch

PROJECT COMPONENT	TARGET	ACHIEVEMENT
Selection of candidates	130 (2019-20)	110 (2019-20)
Development of training modules (through subject specialists from University, Research & extension wing, private sector and industry)	11	12*
Conduct of training sessions	2	3
Online training sessions	-	5
Number of contact farmers	1550 (15 per internee)	1899
Area to be covered	27,500 acres (@250 acres / internee / season)	30,521 acres
Selection of supervisors (through open advertisement)	19	19
Number of female internees	5%	7%



**Yield
Increase**



**Innovations
at Farm
Level**



**Farmer
Meetings &
Community
Service**



**Female
Particip.
in Project**

Progress during 2nd Batch

PROJECT COMPONENT	TARGET	ACHIEVEMENT
Selection of candidates	244 (2021-22)	246 (2021-22)
Development of training modules (through subject specialists from University, Research & extension wing, private sector and industry)	11	11*
Conduct of training sessions	2	2
Online training sessions	-	2
Number of contact farmers	3690 (15 per internee)	4164
Area to be covered	59,500 acres (@250 acres / internee / season)	75688 acres
Selection of supervisors (through open advertisement)	-	32
Number of female internees	12%	10%



**Yield
Increase**



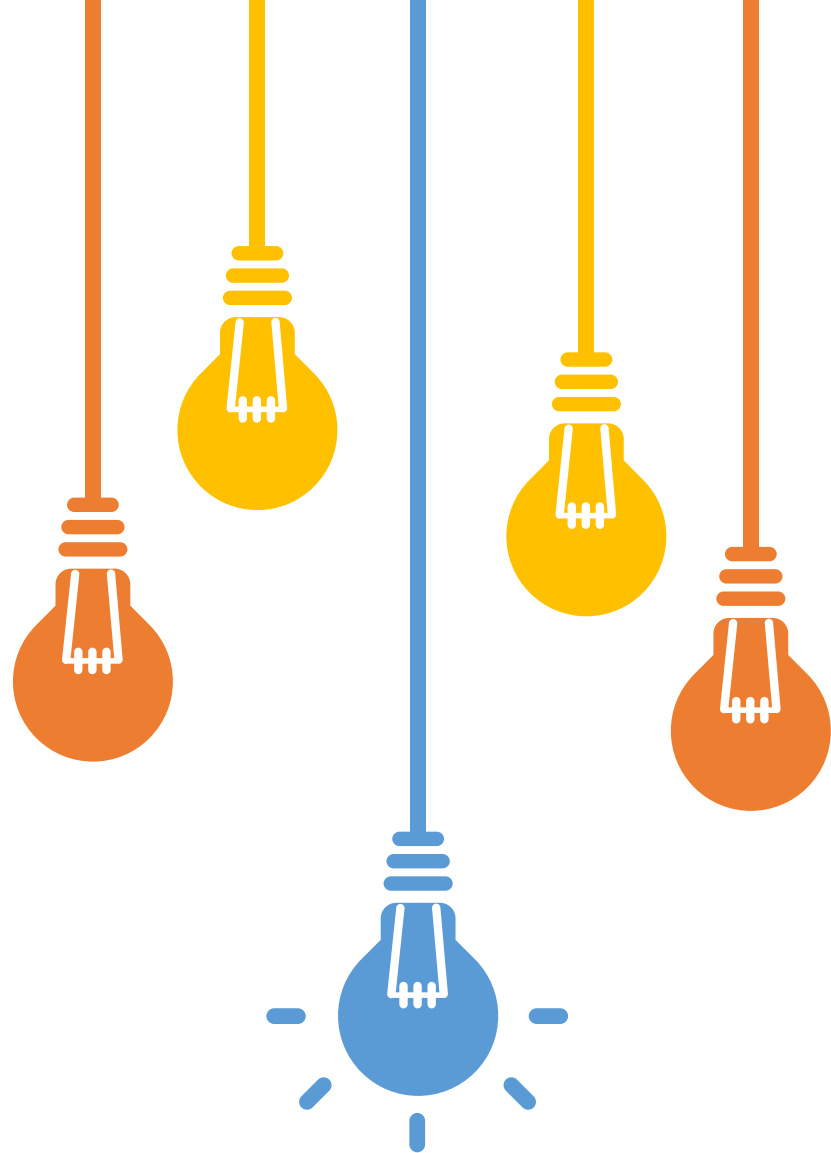
**Innovations
at Farm
Level**



**Farmer
Meetings &
Community
Service**



**Female
Part.
in Project**



Resource Conservation and Efficient use



Soil & Water testing services for contact farmer
Fertilizer recommendations as per soil needs thus conserving resources



Installation of High Efficiency Irrigation and Solar System

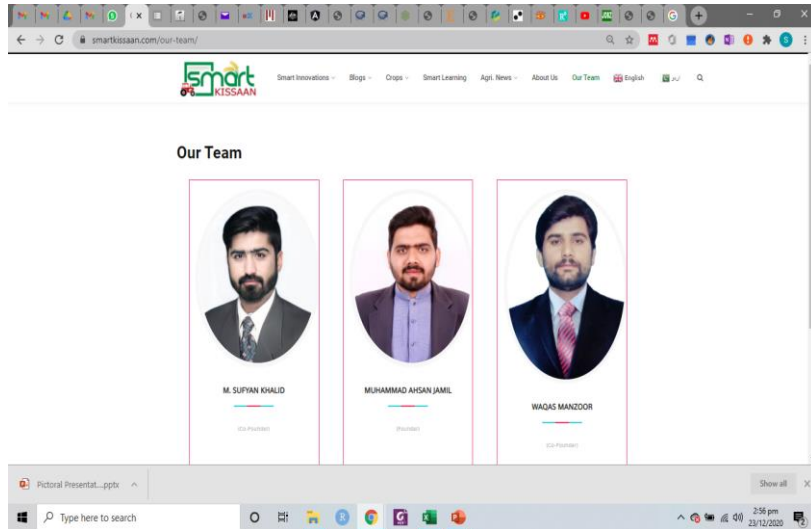


Intensive vegetable cultivation through tunnel farming

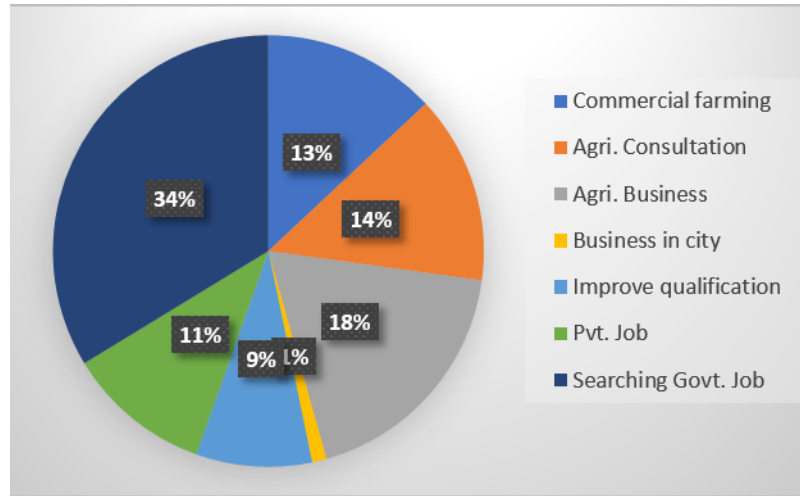


Promotion of Govt. Subsidy schemes and other initiatives

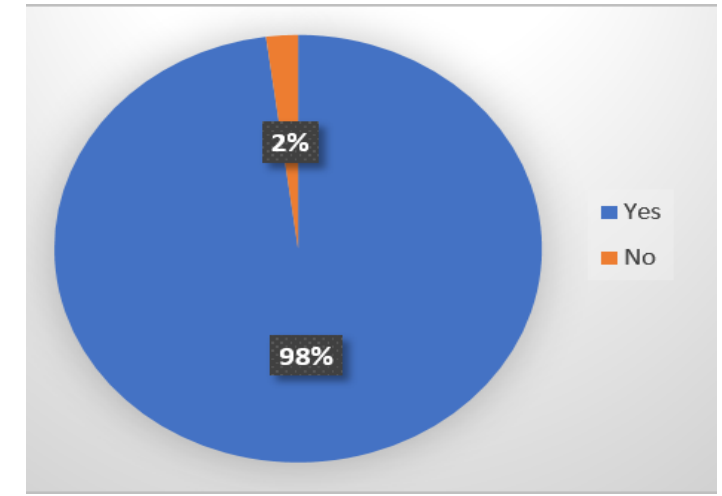
Developing Future Farm Manager / Farm Entrepreneurs (First Batch)



Selection of Profession after Internship



Exposure of Rural Areas and Farming



8 Internees have started precision farming

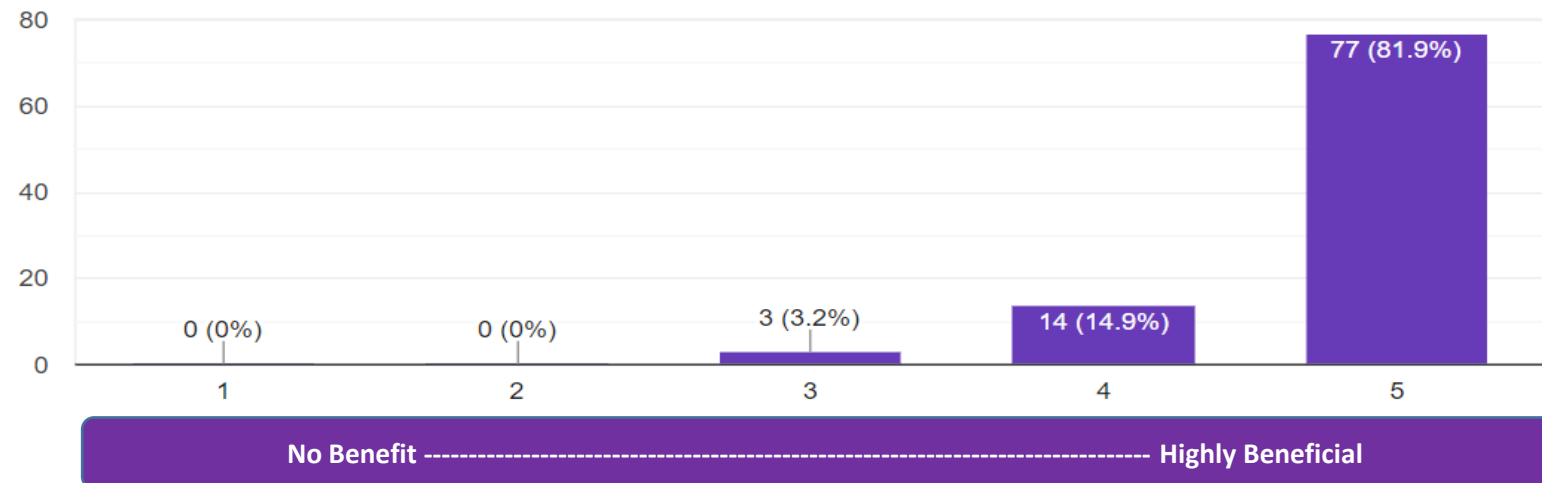
3 Internees have started Service Center / Consultant clinic

3 internees have started agri service shops

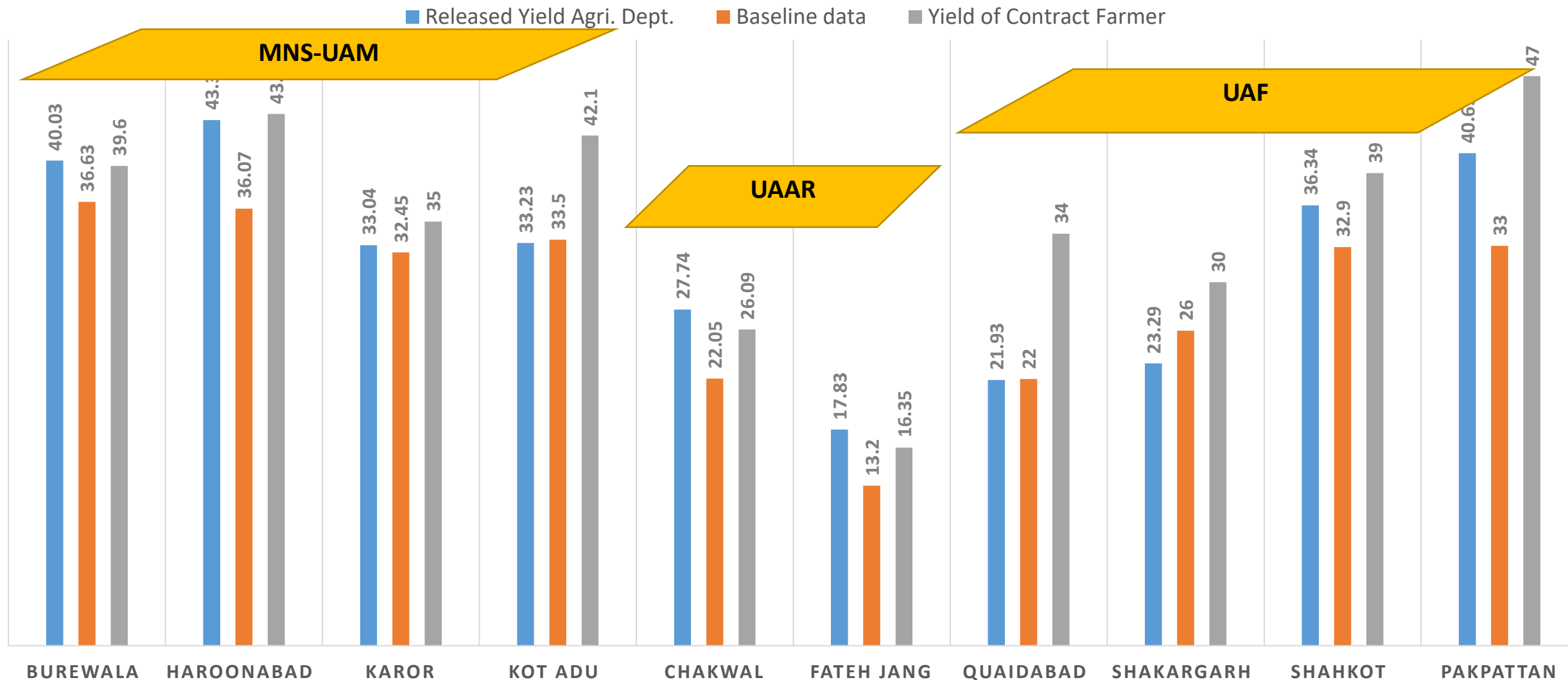
Survey:

34% opted to start farming after completion of internship

Effectiveness of Internship Program



WHEAT YIELD COMPARISON 2019-20 (MUNDS/ACRE)



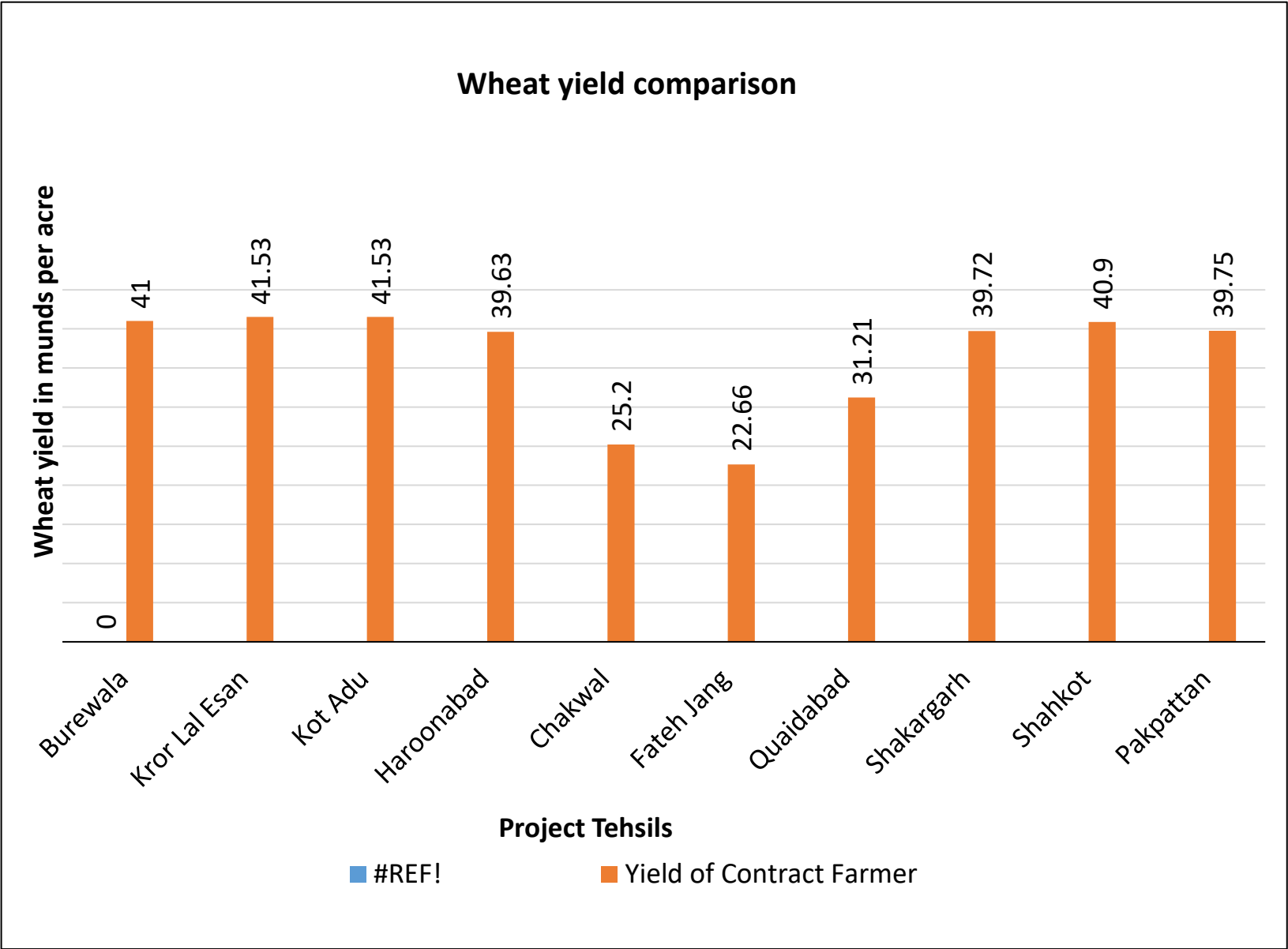
Wheat Yield Improvement Financial Impact (5 tehsils)

Rs. 56 million **Rs. 107 million**

Using CRS assessment Using Survey data

Note: Farmer level yield estimation for first 5 tehsils have been used.
District yield data for last five tehsils have been used for the comparison

Wheat Yield Comparison Analysis (munds/acre) 2021 2nd Batch



Project Tehsils	Yield of Contact Farmer
Burewala	41.0
Kror Lal Esan	41.53
Kot Adu	41.53
Haroonabad	39.63
Chakwal	25.2
Fateh Jang	22.66
Quaidabad	31.21
Shakargarh	39.72
Shahkot	40.9
Pakpattan	39.75

Field activities performed by field Interns



Field activities performed by field Interns



Wheat Campaign performed by field Interns





2 weeks intensive training session of Interns conducted at MNS-UAM (*group picture of participants*)