Youth and Women Agri-Entrepreneurs' Roles in Agricultural Development in Nepal

Innovations in the Agriculture & Food Sector

Presented by Moushumi Shreshtha
Social Entrepreneur & Director, Shreenagar Agro Group
"Agriculture is the most healthful, most useful and most noble employment."

— George Washington

Moushumi Shrestha
Shreenagar Agro Group
Nepal's Agriculture & Food

Out of Nepal's total population, around 60% are engaged in agriculture.

According to the International Labor Organization, agriculture provides livelihoods for 68% of Nepal's population, accounting for 34% of the GDP. Nevertheless, Nepal struggles to produce an adequate supply of food for its citizens.
Shreenagar Agro Group is an integrated agri-business company with an aim to energize the Nepalese agronomy by providing all the services a farmer needs.
The Three F's

- Farm
- Feed
- Food
SHREENAGAR GROUP
FARM TO FORK (बाली देखि शाली सज्ज)

FARM
- Dairy Farm
- Goat Farm
- Fish Farm
- Piggery Farm
- Maize
- Soyabean
- Paddy
- Wheat
- Poultry Farm
- Breeder Farm
- Hatchery
- Contract Farm
- Broiler Farm
- Layer Farm
- Manure Rendering Plant
- Bio Gas

FEED
- Poultry Feed
- Cattle Feed
- Fish Feed
- Pig Feed
- Goat Feed
- Warehouse
- Warehouse Receipts / Insurance, Financing

FOOD
- Slaughtering
- Cold Room
- Meat Processing
- Dairy Processing
- Eggs
- Fresh/Hygienic Marts
- GSNs
- Agri-Centers

SLAUGHTERING

PROCESSING

OUTLETS
One Stop Solution

Shreenagar in making of Shreekisan

Sunaulo Chicks
Broiler and Layers
Day Old Chicks

Sunaulo Feed
Internationally Proven Quality
Broiler, Layer, Kroiler/Giriraj, Cattle, Pig and
Fish Feed

Sunaulo Services
Technical Assistance, Training & Capacity Building Services,
Access to Finance/Insurance and Shree Kisan Innovation Hub

Sunaulo Market
Contract Farming, Branded Eggs & Meat,
Buyback Eggs and Chicken from Farmers
and Provide Sunaulo Anda, Golden Egg,
Fish, Duck and Meat to Our Customers

Shreekisan
Empowering Farmers, Ensuring Progress
Vulnerability in Agriculture and Food Sector

Health Risks

Hunger

Farmers' Livelihoods
Health Risks

Food production is essential for survival. All people involved in this supply chain are in the frontline taking life threatening risks.

- Inadequate health facilities and tracking in the rural areas leads to misleading data and difficult to monitor
- Nepalese Farmers have insufficient knowledge on health precautions and security.
- Livestock Farmers are in constant contact with animals.
- Due to the lack of strict regulations, vendors and farmers are in contact with thousands of customers.
Hunger

COVID-19 risks increasing the number of people facing acute hunger from 135 million to 265 million, unless urgent action is taken.*

- Food availability will severely be impacted. Shortage of staple food, lack of food production and imports.
- Food accessibility: decrease in consumer access to food, reduced diet diversification
- Millions of families depend on remittance sent from workers abroad
- Significant decrease in income has led to an increase demand of unhealthy food, leading to unbalanced diets.
- Food Quality: increased demand in processed food
- Impact on food sustainability (Food Waste)

*UN World Food Programme
Income & Consumption of Food in Nepal October 2020

World Food Programme

Reported Reasons for Food Insufficiency

- Shortage of food in Market
- Increase in Food Prices
- No money to buy Food
- No food in the house
- Unable to access the market
- Market closed

Average Days of consumption of food groups

- Cereals
- Pulses
- Dairy
- Meat/Eggs & Fish
- Vegetables
- Fruits
- Fat & Oil
- Sugar
Farmers' Livelihoods

- Supply surplus,
- restricted movements,
- market unavailability, and
- reduction in demand from food service sector

have caused pressure on the income of the farmers and severely affected their standard of living.
Implementing Health & Safety Measures

- Maintain social distancing and wear protective gear
- Farm and Health insurance
- Digital transactions (Fonepay, online services etc.)
- Remote Farm monitoring (Internet of Things and Smart Farms)
Ensuring Food & Nutrition Security

From the individual to the local levels

- Identify demand and supply of food
- Food systems should remain open and operational
- Balance domestic products and imports
- Reach out to vulnerable communities
- Awareness of Balanced diets
Protecting Livelihoods

• Motivate the youth to generate employment in Agri
• Storage and Logistics management
• Rebate and subsidize Agri debts
• Set minimum prices for agri products to prevent losses
A Social Agri-preneur during COVID-19

Shreenagar is an integrated Agri company providing "One Stop Solution" to farmers.

Acting as first responders to the crisis by providing jobs and access to products and services, and offering relief to vulnerable communities on the ground.
• Keeping farm and factories operational and follow full bio security protocols, regular PCR test and insurance of staff
• Lobby the government to permit operation of business and mobilize vehicles
• Online technical service to farmers
• Conducted online Skill Training classes to farmers and migrant workers
• Introduced Contract farming
• Streamlining storage system and cold rooms
• Developed apps and online delivery of frozen meat goods
• Securely distributed eggs in the COVID affected communities
• Introduction of ready to cook products
• Online technical service to farmers
• Conducted online and practical Skill Training classes to farmers, young women, migrant workers, and the differently abled group
• Introduction of low cost innovations like demand feeders
• Smart Farms that include IoT to monitor farm activity 24/7
• Implemented Block Chain to track the flow of eggs in the supply chain
• Extruder technology to introduce floating feed
Make young and women entrepreneurs' and their communities' voices heard.

Prepare to Respond, Recover and Rebuild - taking the opportunity to shape a new tomorrow.

Integrate and collaborate across sectors to reduce the complexity of the crisis.

Empower by supporting with access to finance and insurance

Up-scale and support young and women entrepreneurs' ventures.
Women has an art and skill to balance work and family.

Innovation in Agriculture is going to reduce the drudgery.

When women are economically empowered, investment will be in right place.

WOMEN IN AGRICULTURE
YOUTH IN AGRICULTURE
Sustainable agricultural production, food storage, food security, and subsidies are more important than ever. If the natural agricultural process is interrupted there will be consequences more disastrous than the virus itself. We need to act and we need to act fast – because if there’s one thing that needs continuance, its agriculture.

It must never stop.
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