Effect of tillage, fertilizer placement and nitrogen levels on green foliage, brix, sucrose, juice and ethanol production of sweet sorghum (Sorghum bicolor L.) in Mollisols of Uttarakhand
MANOJ KUMAR, MAHENDRA SINGH PAL and KEWALANAND

Status and distribution of soil available micronutrients along a hill slope in Ekpoma, Edo State, Nigeria
AGBOGUN, LUCKY, EDOSOMWAN, N.L. and AGABI, E.J.

Foliar nutrition for higher soybean productivity in north western plain zone of India
AJAY KUMAR, D. K. SHUKLA, AMIT BHATNAGAR and R. K. SHARMA

Soil suitability assessment of a humid tropical soil for pineapple (Ananas comosus) and plantain (musa spp) cultivation in Port Harcourt, Nigeria
PETER, K.D., ORJI, O.A. and ORIAKPONO, I.O.

Land suitability evaluation for avocado pear (Persea americana Mill.) and pineapple (Ananas comosus L. Merr) in rain forest zone of Edo State, Nigeria
OKUNSEBOR F. E., UMWENI A. S., ONAIFO W. and OSAGIE D.

Population studies on various coccinellid beetles from different crop ecosystems of Pantnagar, Uttarakhand
M. SREEDHAR, R. P. MAURYA, PARUL DOBHAI and RIYA

Occurrence of leaf feeder Podonta quatuordecimpunctata (Linnaeus, 1767) in Spondias pinnata (L.f.) Kurz at Kamrup district of Assam, India
S. PATHAK and B. DEKA

Morphological characterization of F, guava hybrids and varieties
SHIKHA JAIN, RAJESH KUMAR, NARENDRA KUMAR SINGH, VIJAY PRATAP SINGH and SATISH CHAND

Report on severe infestation of root-knot nematode, Meloidogyne incognita on tuberous Vigna vexillata (L.)
ZAKAULLAH KHAN, KULDEEP TRIPATHI, BHARAT H. GAWADE and V. CELIA CHALAM

Selection of exotic germplasm of bread wheat against Puccinia triticina resistance with analysis of Area Under Disease Progress Curve
WAGHAMARE MINAL BHUJANGRAO and DEEPSHIKHA

Land suitability assessment for okra (Abelmoscus esculentus L.) and fluted pumpkin (Telferia occidentalis, L.) cultivation in Khana Local Government Area of Rivers State, Southern Nigeria
PETER, K.D., UMWENI, A.S. and ORJI, A.O.

A comprehensive study of changed training in SAMETI Uttarakhand mode during Covid-19 pandemic
JYOTI KANWAL, B. D. SINGH, ANURADHA DUTTA and ANIL KUMAR SHARMA
Initiation of Farmers University and Farmers Bank in India
AVINASH SHARMA, CHOWLANI MANPOONG, SANGEETA SHARMA and MEGHA RAGHAVAN

Reformation of ration shop for below poverty line people in India
AVINASH SHARMA, CHOWLANI MANPOONG, SANGEETA SHARMA and MEGHA RAGHAVAN

An empirical analysis of factors influencing agricultural employment intensity of migrant farm households at Almora district of Uttarakhand
BHUMIKA GIRI GOSWAMI and ANIL KUMAR

Consumer attitude and behavior towards purchasing agri food: A case study of tomato crop
TAMANNA JOSHI and ASHUTOSH SINGH

Checklist and conservation status of freshwater finfishes of KoleWetlands a Ramsar Site in Kerala, India
KITTY FRANCIS C. and M. K. SAJEEVAN

Freshwater fish fauna of Pechchi-Vazhani Wildlife Sanctuary, Western Ghats of Kerala, India
ELDHO. P. S. and M. K. SAJEEVAN

Study of subclinical mastitis in milch breeds of cattle in Western India
BEENU JAIN, ANUJ TEWARI, BHARAT BHANDERI and MAYURDHWAJ JHALA

Prevalent mutations in the Delta variants of SARS CoV2 circulating in India
BEENU JAIN, ANUJ TEWARI, ALOK KUMAR and PREMA S GODI

An analysis of selective pressure on Delta variants of SARS CoV2 circulating in India
BEENU JAIN, ANUJ TEWARI, ALOK KUMAR, PREMA S GODI and SHRADDHA DWIVEDI

AMR status in Uttarakhand
NAWAL KISHOR SINGH, A. K. UPADIHYAY, T. K. AMBWANI, MAANISHI, HIMANI SHARMA, SOURABH SWAMI and AJAY KUMAR

Awareness of the aspects of sun protection among college going girls
BEENU SINGH and MANISHA GAHLOT

Development and evaluation of power weeder for narrow row crops
T. SENTHILKUMAR, N.S.CHANDEL, P.S.TIWARI, SYED IMRAN S. and G. MANIKANDAN

Data prediction for calibration of seed drill using multiple linear regression
SIMRAN TTIWARI, PRAMOD MOHNOT and K.B. JHALA

Mapping of ground water potential zone in complex hydrological system of Suyal basin in the Mid-Himalayan Region using Analytic Hierarchical Process
RITESH JOSHI, HJ SHIVA PRASAD, JYOTHI PRASAD, P. S. MAHAR, DEEPAK KUMAR and PANKAJ KUMAR

Water quality assessment of Bageshwar Block Springs using Weighted Arithmetic Water Quality Index (WAWQI)method, Bageshwar District, Uttarakhand, India
MOHD AZAM, JYOTHI PRASAD and H. J. SHIVA PRASAD
Initiation of Farmers University and Farmers Bank in India

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ABSTRACT: The Farmer University confers specifically in the domain of agriculture research, training, demonstration, programmes, government policy and rural development. The Farmer Bank focuses in the improvement of agriculture credit, framework and policy for the rural community growth. The research, training, programmes, demonstration, farmer market and employment generations variables of Farmer University were collected from the global agricultural university. The agriculture credit, loan, and government schemes & benefits variables of Farmer University were collected from the global agricultural bank. Farmer University is single Domain institutions, serves research, demonstrations and programmes in the field of for technology enhancement and rural development and employment creations. The Farmer Bank is organized bank, will contribute in the finance, credit, agriculture schemes & benefits and training to the farmer. The university supports more student growth than farmer’s development. The proposed Farmers’ University emphasizes farmer-participatory education, research and extension activities with active involvement of scientists, farmers and agriculture graduates. The research and training programmes, demonstration etc. will be provided by employing agriculture graduates. The university will conduct scientific crop production and farm-centred activities for farmers’ growth. The farm linked activities and crop production would be clubbed with research for technology development. The Farmers’ University will function with farmers involvement. The proposed Farmers’ Bank is a specialized bank for farmers’ services. The Farmers’ Bank will assist to manage risks of Farmers associated with crop and livestock, initiate Risk Protection Insurance and guide farmers in government schemes and benefits to farmers. The Farmers University and Farmers’ Bank are available for farmers in Missouri, Ohio, Illinois, Iowa, Virginia, Princeton and Union ville countries. The university and bank may be established in the main district of the state. The Farmer University reforms Structural framework, research, Farm linked activities and extension activities, disseminates agriculture schemes & benefits in the rural community. The Farmers Bank constitutes agriculture framework, finance and policy for the farmer and rural development. The organizational institution creates employment and progress the agriculture activities, education and research.

Key words: Demonstration, Farmers University, Farmers Bank, finance, India, research, training

The agricultural university provides education, research and programme for students and farmers. The university focuses education, research and programme like seminar, conferences, workshop, training and internships in whole agriculture aspects. The university facilitates programme, teaching model, governance representation, policy development and extension programmes for rural development (Clive, 1999). The university imposes research and training in the agriculture division such as Agronomy, Soil Science, Plant Pathology, Horticulture, Entomology, Agricultural Microbiology etc. for agricultural research management. The research maintains food security and malnutrition in the country (Anwesha and Pardeep, 2012).

The universities show less emphasis in innovated research for the farmers and rural community development in the present period. The old generation infrastructure and technologies are available in the agricultural division. The aptitude of the faculty development is confined in the single domain research. The Government of India is willing to fund the innovated and welfare research in the University (NAIP, 2020). The G.B. Pant University of Agriculture and Technology, Indian Agricultural Research Institute, Tamil Nadu Agricultural University and University of Agricultural Sciences focuses more in education and programme like seminar, conferences, workshop, training and internships for students in the present time. The private and public-private sector emphasizes more in the technology, policy and agricultural activities (Ramasamy and Selvaraj, 2015). The government policy is not outreach to the marginal and small farmers who commits suicide to debt and crop failure. The farmer is not outreach
to the private buyers and notified Mandi for relevant prices (Marco and Yuan, 2012).

Farmers University is agricultural domain research institution that will govern specifically in the research, training, programme and demonstration to farmer. It will focus on research with involvement of agriculture qualified students/ agriculture degree completed students. The students will conduct research, training, programme & demonstration to farmer, discuss government policy scheme or benefits, conduct training, seminar, conferences, workshop, internship to farmers and agriculture pursuing students. The university will be formed under the governance of autonomous body Indian Council Agricultural Research (ICAR).

Farmers University will provide only training, programme & demonstration to farmers growth, conduct research with involvement of agriculture qualified students/agriculture degree completed students. The university promotes agriculture crop production, horticulture crop productions, farm linked activities for farmers growth. The agriculture qualified students will perform research into crop production and farm linked activities for improvement of technology (Fig. 1). The objectives of establishment to provide training, demonstration, programme for farmers, promote specialized research in the state, involve theories of education into field practices, provide government scheme awareness, provide employment of agriculture qualified students/agriculture degree completed students, promote social & rural development, incurs sustainable & organic agriculture, aware & encourage agriculture education, reduce below poverty line & malnutrition, abate unemployment rate and progress GDP of the nation.

The organized Bank renders facilities of type of account, cheques, drafts, bills, fixed or term deposits a fixed deposit, money loan, network of branches, currency exchange and government schemes and policy to the customer (Somasundaram, 2018). The organized banks conduct agriculture marketing, training, consultancy, insurance and financing for infrastructure development with involvement of stakeholders for creating revenue (Deepak, 2005). The agricultural credit framework is limited in the organized bank. The government initiated and inducted various agriculture policy and schemes & benefits in the co-operative sector, commercial banks and rural banks for improving rural credit and framework. The small and marginal farmers receives low to credit & loans from the co-operative sector, commercial banks and rural banks because of low land holders, low per capita income, and low standard of living. The farmer counters with self-destructions and stress because of services of the organized sector bank (Harsh, 2016).

The farmers bank is specialized bank for farmer services that will incur loan, government subsidiaries, government policies benefits, types of account, agriculture MSME projects for farmers and agriculture qualified person (Fig. 2). The objectives of farmers bank is to provide bank for farmers services, provide employment of agriculture qualified person, offer government policies scheme benefits, promote agribusiness project, mitigate below poverty line & malnutrition, improve standard of living, abate unemployment rate and progress GDP of the nation.

The Government of India had established nationalized bank for public services under RBI (Reserves Bank of India) guidelines. Later, the government of India had initiated specialized bank to woman that is Rashtriya Mahila Bank that provide amenities of finance and government policy benefit to women. The State Bank of India and Punjab National Bank provides finance and security to public sector. With the above background, the following objectives were taken in the paper i.e., Formation of Farmer University in India and Formation of Farmer Bank in India

**MATERIALS AND METHODS**

The information of Farmers University in research, training, programmes, demonstration, farmer market and employment generations variables were collected from the Global Agricultural University. The information of agriculture credit, loan, and
government schemes & benefits variables were collected from the global agricultural bank.

RESULTS AND DISCUSSION

Formation of Farmer University in India
The Government is involved with the agriculture universities for extending farming, raw materials, technology transfer, employment generations and green farming (GoI, 2020). The agriculture university focuses more on student’s higher education and research compared to rural development (David and Keith, 2004). The skills in the research are confined to the students and the students are unable to develop whole skills in the specialization and served the best technology to the farmers (Dale, 2012). The agriculture system and research are transferred with the impact of the climate change. The agriculture university scientists, professors and experts are unable to involve multiple researches because of the confined skills development (Karine et al., 2012). The resources, opportunity and training are limited in the Agriculture University for conducting multiple research and technology development (World Bank, 2021).

Farmer University is single domain technical institution, will be governed by the ICAR and agriculture university in the research, training, programme & demonstration with involvement of higher education agricultural students (NAHEP, 2021). The university will implement in the main district of the states of the India. The specialized scientists, professors and experts will work and guide to the Higher Education Degree completed students in the respective Department Division in the applied research, technology enhancement and rural development (NEP, 2020). The Basic and Central laboratory facilities to be available in the Department Division Block. The specialized scientists, professors and experts will be direct and train Post graduate and Doctoral Degree completed students for completing the applied research, technology development for the farmer community and rural development (Brussels, 1980). The developed technology will involve value added product formation and revenue generation. It will create types of employment, boost technology & education enrichment and thrive the National or International collaborations (Martin et al., 2018) (Fig. 1).

The open universities, Australia has established crop farmer institute that works on crop production, farm machines work, training, programme, research, demonstrations, irrigation supply system. It provides employment to technical and non technical persons (Crop Farmer, 2020). The University of Velmont establishes Farmers College that conducts research, training, programme and demonstration to farmer only and conduct research with involvement of agriculture eligible candidates (New Farmer, 2019). The University of Maryland extension conducts research, programme, training and markets for farmers (Farmer Success, 2019). The University City establishes farmers market institutes to collect fruits, vegetables from rural comminutes and serves appropriate price to farmers (Table 1).

The establishment of the Farmers University improves the research, programmes and technology in the rural community. It progresses the agriculture knowledge and research in the higher education students. It provides government policies and programmes to the community and rural growth. It will transform system of the agriculture education and research in India. It will raise the opportunity in the field of the agriculture and progress the society growth.

Formation of Farmer Bank in India
The organized bank is involved in providing finance and loan services to the whole public (OECD, 2015). More bank scheme benefits are leveraged by the high class and middle class people compared to the farmer counters a lots of document verification in the credit loan led with high interest (Kesavan, 2021). The government agriculture schemes and benefits are received less by the present farmers in the state. The organized bank is provided guarantee loan to the reputable civil compared to the farmers (GoI, 2018). The farmers do not receive the credit loan within crop season because of slow verification and strong security (Gyanendra, 2016). The farmer is not conferred with agriculture expert for guiding the
The Farmer Bank is organized sector of agriculture; provide agriculture credit, loan, government schemes & benefits to the farmers (Acharya, 2006). The Farmer Bank will be established in the main district of the states of India and will be governed under the apex body National Bank for Rural and Agricultural Development (NABARD) (Shivamaggi, 2000). The higher agriculture education completed students will involve in the organized sector for the finance, documentation and monitoring activity. It will reform banking system, progress benefits of the bank to the farmers, provide government policy benefits to the farmer, conduct extension activities for the farmers and generate opportunity to the Graduate, Post Graduate and Doctoral Degree agriculture students (Craig and Caio, 2018). It will mitigate farmer suicide and create employment in the area of agriculture. The specialized bank will assist to private agriculture sector, Agriculture based MSME and stakeholders for the agribusiness management (Thouraya et al., 2019). The bank will facilitate government agriculture policy and regulations with simple mandate and guidelines among the farmers and stakeholders (Bill, 2002). The bank will conduct training of the government institution project for the technology enhancement in the rural community. The bank would provide assistance government cooperation and insurance for releasing loan for securing commodities (Eze et al., 2010) (Fig. 2).

The Farmers Bank of Northern Missouri is a specialized bank of farmers and assists Farmers Risk Management, Crop and Livestock Risk Protection Insurance to farmers. The branches are available in Iowa, Leon and Decatur County. The farmers bank, Ohio deals or agriculture personal, business, borrow, rates and sale and farmers service. The farmer bank of Mt. Pulaski works for agriculture finance and management. The farmer National Bank, Ohio provides services of personal, business and lenders in agriculture sector. The farmer saving Bank, Iowa offer work of account checking, saving account, deposit, real estate, installment and commercial loans in agriculture and of green city deals with agriculture loans and business. The Farmers Bank of Virginia facilitates personal, business, mortgage and investor relations activities in agriculture. The farmer’s bank and company deals support of agriculture loans and business (Table 2). The Farmers Bank sanctioned agricultural Loans of total $24.5 million and $24.6 million for farm equipment, inventory and farm land in 2020 and 2019 financial

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Farmers University</th>
<th>Place</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The University of Vermont</td>
<td>Vermont</td>
<td>Farmers training and programmes</td>
</tr>
<tr>
<td>2</td>
<td>The University of Maryland extension</td>
<td>Maryland</td>
<td>Farmers programme and market</td>
</tr>
<tr>
<td>3</td>
<td>Open Universities</td>
<td>Australia</td>
<td>Crop production, Farm machineries operation, training, research, demonstration, advance irrigation system</td>
</tr>
<tr>
<td>4</td>
<td>University city</td>
<td>Philadelphia</td>
<td>Farmers market, collection of crops to rural community</td>
</tr>
<tr>
<td>5</td>
<td>University of Utah</td>
<td>Utah</td>
<td>Farmers market, Provide facility to vendor to sell commodities</td>
</tr>
</tbody>
</table>

Table 2: Presence of Farmers Bank in World

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Farmers Bank</th>
<th>Place</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Farmers Bank</td>
<td>Ohio</td>
<td>Personal, Business, Borrow, Sale for agriculture and farmers</td>
</tr>
<tr>
<td>2</td>
<td>Farmers Bank of Pulaski</td>
<td>Illinois</td>
<td>Agriculture finance and management</td>
</tr>
<tr>
<td>3</td>
<td>Farmers National Bank</td>
<td>Ohio</td>
<td>Personal, Business, Lenders</td>
</tr>
<tr>
<td>4</td>
<td>Farmers Saving Bank</td>
<td>Iowa</td>
<td>Account checking, saving account, certificates of deposit, real estate, installment and commercial loans to farmers</td>
</tr>
<tr>
<td>5</td>
<td>Farmers Bank of green city</td>
<td>green city</td>
<td>Agricultural finance</td>
</tr>
<tr>
<td>6</td>
<td>Farmers Bank</td>
<td>Virginia</td>
<td>Personal, Business, Mortgage, investor in agriculture</td>
</tr>
<tr>
<td>7</td>
<td>Farmers Bank and trust company</td>
<td>Princeton</td>
<td>Agriculture loans and business</td>
</tr>
<tr>
<td>8</td>
<td>Farmers Bank of Northern Missouri</td>
<td>Missouri</td>
<td>Farmers Risk Management, Crop and Livestock Risk Protection Insurance</td>
</tr>
</tbody>
</table>
Fig. 1: Development and functions of Farmers University

Fig. 2: Development and functions of Farmers Bank
year respectively. The total $52.8 million and $58.0 million were released for the agricultural business in 2020 and 2019 financial year respectively (Elliott, 2020)

CONCLUSION

The establishment of resources will improve human and technology development. It will reform banking system of India and offers benefit of bank and government schemes. It would provide employment to agriculture person and incur rural development. The farmer university will provide training, demonstration, programme, research, sustainable and organic agriculture. It would produce employment to agriculture eligible candidate, technical and non technical candidate. It will encourage agriculture education and research, progress other business of the society, promotes rural, urban and education development, forbids violence & miscreant and forms harmony & peace in the society.

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