



KVK NEWSLETTER

KRISHI VIGYAN KENDRA, DHEMAJI
ASSAM AGRICULTURAL UNIVERSITY



APRIL 2019 TO MARCH 2020

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Message from the Director, ATARI, Guwahati



I am very happy to learn that KVK, Dhemaji of Assam Agricultural University, Jorhat is going to publish the 8th Issue of their newsletter for the year 2019-20. This newsletter is dedicated towards highlighting the achievements of the KVK under the mandated activities, for the benefit of farmers, farm women, rural youth, extension functionaries, researchers and other stakeholders of the district. I would like to congratulate the Head of KVK, Dhemaji and their team for taking up such initiative and also wish them many more achievements in the coming years.

(A.K. Tripathi)

Director, ICAR-ATARI, Zone-VI,
Guwahati

Message from the DEE, AAU, Jorhat



I am glad to know that KVK, Dhemaji is going to publish its 8th issue of the Newsletter highlighting the activities for the year 2019-20. The activities of KVK have been designed to provide suitable technologies through trials and demonstrations as well as capacity building of farmers and extension workers through training. Dhemaji being a purely agrarian district with shortage of infrastructure and agricultural development requires technological backstopping for sustainable livelihood promotion. Thus the KVK has to face many challenges to uplift the socio-economic condition of the farming community with a special care to tribal farmers of the district. KVK Dhemaji has successfully managed to encourage many farmers for adopting scientific production technology of various crops and livestock through OFTs, FLDs, CFLDs, training and other extension activities. The KVK is also active in encouraging educated youth into agriculture profession, thereby making them distinctive entrepreneurs in the District.

I thank the Head and entire KVK team for bringing up records of KVK activities in the form of Newsletter which may serve as an important document for all the policy maker, stake holders, farmers and farm entrepreneurs. I convey my best wishes for their future endeavour.

With all the best

(P.K. Pathak)

Message from the Senior Scientist & Head, KVK, Dhemaji

Agriculture and allied activities are the indispensable sustenance for livelihood of Dhemaji district comprising 41% marginal, 37% small, 17% semi medium and remaining are medium farm families as per farm holding. Accordingly, socially and economically there are limitation to invest in big way in agriculture as business though the diverse agro ecological situation provides ample scope for different activities. It is a good sign that educated rural youths has come forward for commercial scale agriculture. So, to retain these young force in agriculture sector, proper implementation of government schemes, back up by financial institution and creation of basic infrastructures including farm mechanization are very crucial points for all development agencies and policy makers.

KVK Dhemaji has been trying for technological backstopping to farming community of the district since its inception through technology assessment, demonstration, training, skill development training, awareness camp, advisory services etc. for its wider application and to enhance the capacity development are the mandate of KVK establishment. Emphasis has been given to establish farm size based model for marginal and small farmers incorporating IFS and diversified or mixed cropping system

It gives me immense pleasure to publish this Newsletter of 8th issue highlighting the activities conducted during 2019-20. The reveal results and document may serve as important document to all the policy makers and stalk holders, farmers and farm entrepreneurs. Here, I take opportunity to thank all the staff of KVK Dhemaji for bringing this issue of Newsletter successfully.

(Gunjan Gogoi)

Sr. Scientist & Head,
KVK, Dhemaji

Summary of activity carried out during 2019-20

Sl. No.	Name of the programme	Nos. of programme
1	OFT	13
2	FLD	31
3	CFLD	03
4	NEH Component	04
5	Training	51
6	Vocational training	09
7	Awareness Programmes/ Awareness Camps	06
8	Field Day	10
9	Kisan Mela	06
10	Exhibition	05
11	Exposure visit	04
12	Animal Health Camp	02
13	Celebration of important days	11
14	Diagnostic visit	85
15	Advisory services	1745
16	PCRA workshop	01
17	DFI village	02
18	MGMG village	04
19	Large scale tree plantation	01
20	Gandhi Jayanti	01
21	World Soil day	01
22	NADCP	01
23	Fertilizer application programme	01

GLIMPSES OF TRAINING PROGRAMME



TRAINING : Trainings are conducted to impart knowledge, skills and to build up capacity of the farmers, farm women, extension functionaries and rural youth in agriculture and allied sector. A total of 51 trainings were conducted during 2019-20 by KVK Dhemaji, out of which 38 trainings of 1-2 days duration, 9 skill trainings of 5-7 days duration and 4 trainings for extension personals. The total participants were 1281 comprising 805 male and 476 women participants. Out of total trainees, 52.84% were SC/ST communities and 47.16% were from other communities.

ON FARM TESTING (OFT) : A total of thirteen (13) numbers of Technologies were tested in farmer's field during the reported period covering thirty eight (38) numbers of beneficiaries. The brief descriptions of the technologies are given below-

1. Performances of Tripura Chikan Dhan: The variety was assessed in three different location (Mithun pathar, Joriguri and Matikhola villages) in participation of four (4) numbers of farmers. The yield was 37.5q/ha against yield of 41.0q/ha in local cultivar. But the duration of the variety was 123days against 140 days in Bash dhan. The grain is acceptable, long slender. The B: C ratio was 2.07.

2. Performance of new Blackgram variety- SB-42-8: This new Blackgram variety was tested at two locations of the district i.e. Ratuwa, Dhemaji and Sonapur, Jonai. The average yield of the variety was 5.68 qtl./ha. with B:C 1.87 against the production of local variety with 4.25 qtl./ha and B:C ratio of 1.53.

3. Performance of late sown Blackgram varieties: Beki and Kolong: The testing was done in two locations at Magurmari, Simen Chapori and Patiri Oyengia, Silapathar covering 0.39 ha. of land.. The average yield was recorded 6.85 q/ ha with B: C ratio 2.25 in Beki; 7.05 q/ ha with B: C ratio 2.32 in Kolong as against the yield of local cultivar of 4.50q/ ha yield with B:C ratio 1.75.

4. Assessment of multiple disease resistant Tomato hybrid- Arka Abhed (H-397) and Arka Rakshak: Bacterial wilt (BW), An OFT was conducted to assess the performance of BW, LB and ToLCV resistant FI varieties "Arka Abhed" and "Arka Rakshak" developed by IIHR, Bangalore at Salakhani, 2 No Silagaon and 2 No. Arney Hazang villages. The Arka Abhed shown resistance to BW against only 5% incidence in Arka Rakshak whereas 18% incidence in check variety. Regarding ToLCV, only 3% and 6% plant showed mild infestation in Arka Abhed and Arka Rakshak respectively. Likewise LB infection was 5% and 8% Plant in Arka Abhed and Arka Rakshak respectively.

5. Assessment of rust resistant French bean variety- Arka Sukomal: IIHR Bangalore has developed one rust resistance high yielding variety "Arka Sukomal" which was tested at three different locations viz. Salakhani, Silasuti and Jatiachapori villages covering 3 farmers. The variety shown resistance to the diseases with a yield of 60q/ha. But the farmers were not preferred the variety due to less demand of bigger size pod in the market.



OFT on Paddy var. Tripura Chikan Dhan



Assessment of new late sown Blackgram variety Beki & Kolong

6. Intercropping in-between Muga host plantation for better economic dividend:

To utilize the land areas under Som plantations for economic benefits of farmers, this OFT was undertaken in which turmeric, ginger and colocasia tubers were given to two farmers at Matikhola and Telam for planting.

7. Introduction of newly developed improved type pig breed- HDK-75 for meat and piglet production:

An OFT was undertaken to assess the performance of Improved type pig breed- HDK-75 at two locations viz. Nilakh Tarani Pathar and Salakhani villages covering two farmers distributing 3 nos. of piglets to each farmer. The pigs attained a weight of 78 Kg in 8 months rearing. The litter size was 10.3 piglets in average.

8. Performances of broiler duck- White Pekin: Performances of a fast growing broiler duck breed- White Pekin. Fifteen nos. of ducklings were given to 12 nos. of farmers/ farm women from three villages of the district. Farmers were very happy with the growth rate of ducks. The average weights of ducks was 3.0 kg at the age of 3 months with B:C ratio of 2.31 against a B:C of 1.78 in local duck.

9. Performances of Kedarnath chicken or 'Kali masi': A total of 14 nos. of farmers/ farm women from 7 villages were distributed with 15 nos. Kadaknath chicks under the programme. The birds are at growing stage weighing about 1.2 – 1.40 kg per bird at the age of 5 months.

10. Performance of poly-culture of Chital in combination with Common carp and Moa:

This programme was undertaken to assess the performance of Chital (Notopterus chitala) in combination with Common carp and Moa fishes. The average fish production was recorded 410 kg/bigha water area (including all spp.) and 140 kg/bigha of Chital with overall 3.07 B:C ratio and farmers were satisfied with the technology.

11. Assessment of Amur common carp in composite fish culture: The performance of the breed of Common carp, Amur (Hungarian strain) was introduced in two different locations i.e. Khajuwa, Moridhal & Bordoibali gaon, Gogamukh covering 0.26 ha pond. The average fish production was recorded 443 kg/bigha (including all spp.) and 120 kg/bigha of Amur common carp with overall 3.40 B:C ratio and against the production of 240 kg/ha (including all spp.) and 80 kg/bigha of Common carp with overall 2.18 B:C ratio was recorded from farmers practices.

12. Kuchia (Monopterus spp.) culture in cemented tank: The programme was undertaken to observe the growth performance of Kuchia in cemented tank by constructing three nos. of tanks covering three nos. of farmers. The result of the technology was not satisfactory.

13. Assessment of blending of various natural yarn (Muga, Eri, Mulberry) toward product diversification:

Dhemaji district is very rich in various types of natural yarns produced from Muga, Eri, Mulberry cocoons. For value addition of these yarns, this product diversification programme was undertaken so that the farmers can earn more.



Introduction of improved pig breed- HDK-75



Assessment of Tomato hybrid Arka Abhed and Arka Rakshak



Poly-culture of Chital in combination with Common carp and Moa



Performances of broiler duck- White Pekin



Performances of Kadaknath chicken or 'Kali masi'



Performance of new Blackgram variety- SB-42-8



Assessment of rust resistant French bean



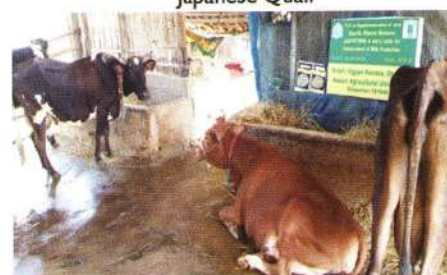
Backyard rearing of Poultry rearing breed 'Kamrupa'



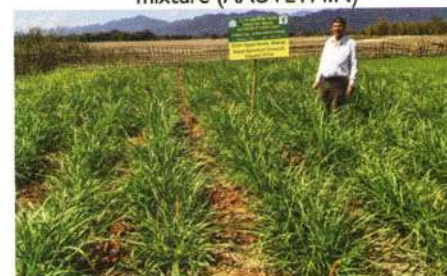
Backyard rearing Poultry rearing breed 'Rainbow Roaster'



Performance of Quail var. Japanese Quail



Dairy cows feed with area specific mineral mixture (AAUVETMIN)



Demonstration on cultivation of Hybrid Napier



Demonstration on cultivation of Oat grass

3. FRONT LINE DEMONSTRATION (FLD) :

A total of 31 nos. of Frontline Demonstration were conducted during 2019-20 covering 962 farmers.

1. Scientific cultivation of Submergence tolerant Sali rice variety Ranjit sub I in flood prone areas of Dhemaji District: The demonstration was conducted to promote submergence tolerant Sali paddy Var. Ranjit Sub I in flash flood situation of Dhemaji district in 1.0 ha of land covering three farmers. The average yield recorded was 43.3 q/ha after 4-6 days submerged during tillering stage with a B: C ratio 2.24 where the check local cultivar "Jahingia" was totally damaged.

2. Scientific cultivation of Submergence tolerant Sali rice variety Bahadur sub I in flood prone areas of Dhemaji District: The demonstration was conducted to promote submergence tolerant Sali paddy var. Bahadur Sub I in flash flood situation of Dhemaji district in 1.0 ha of land covering 5 no. of farmers where one of the farmer produced the certified seeds of the variety. The average yield recorded was 46.5q/ha after submerged 5days with a B: C ratio 2.36 where the average yield of check was 33.0 q/ha.

3. Demonstration on Rice-Toria cropping : Rice – toria cropping sequence with Paddy variety Shraboni and Toria variety TS-38 was conducted at Matikhola and Kamar Gaon where the yield of paddy was recorded 43.10 q/ ha and Toria 7.6 q/ha with total rice and rice equivalent yield of Toria was 56.09 (B:C ratio 2.21) as compare to farmers' monocropping rice yield 36.0 q/ha (B:C ratio 1.87).

4. IPM in Sali paddy: The demonstration was undertaken covering 1.0 ha of area with five farmers with all the recommended practices including the ITKs for control of the pests. It was observed that the infestation of stem borer, leaf folder and Gandhi bug reduced to 12.0%, 0.06% and 0.02% respectively and whereas in the check the infestation was found 30.0%, 1.6% and 0.08% respectively

5. Popularization of improved dual purpose poultry-Vanaraja: Vanaraja, a highly popular dual type poultry breed throughout the country, was demonstrated covering 66 nos. of farmers for egg and meat production. Egg production was increased by 125 %. Also Mature hen weight was increased by 20% and decrease of age at point of lay egg was by 17%.

6. Year round availability of fish advance fingerling, fingerling and yearling: To make year round availability of fish seed a demonstration programme was taken in two different location of Dhemaji i.e. Jalakiasuti and Kuwaphola covering 0.26 ha water area. (@ 0.13 ha per unit). The average fish production was recorded Advance fingerling 340000 nos.(July'2019), fingerling 120000 nos. (August' 2019) and yearling 40000 nos. (Feb' 2020).

7. Integrated fish cum poultry farming: The programme was conducted 0.26 ha pond areas (@ 0.13 ha area each unit). Average fish production was recorded 438 kg/bigha water area. Average meat production till the end of March 104 kg/unit and egg production was recorded 465 nos./unit.

8. Year round fodder production through cultivation of Hybrid Napier: To address this problem of Shortage of green fodder year round Hybrid Napier grass cultivation, var.- CC 5, in the district. The programme was conducted in 0.75 ha area covering eight farmers. Till the end of March fodder production was recorded 80 ton/ha from 3 cuttings.

9. Scientific cultivation of Green gram variety SGC-16: A demonstration was conducted with an objective to popularize the Green gram cultivation var. SGC- 16 covering 5 no. of farmers in a hectare of land. The crop is now in pod bearing stage.

10. Supplementation of area specific mineral mixture (AAUVETMIN) to Dairy Cattles: Conducted demonstration on 'AAUVETMIN', the area specific mineral mixture for Dairy cattle developed by AAU, as mineral supplement through a FLD programme. A total of 16 cows were fed with the mixture for a period of six months and average milk production was recorded by 6.10 lit/day with increase of 17% compared to check.

11. Popularization of improved type dual purpose poultry Kamrupa: To fulfill the requirement of egg and meat in the district due to low production performances of the local breed of chicken, 30 nos. of farm families were covered under the demonstration. Egg production was increased by 112 %. Also mature hen weight was increased by 10% and decrease of age at point of lay egg was by 17%.

12. Performance of Quail var. Japanese Quail: To popularize the Quail bird in the district a demonstration programme was conducted with nine farm families. Male birds were sold at the age of 2 months and female birds started laying egg at 2 months of age and laid 14 nos. of egg per month for a period of 6 months. The B:c ratio for the birds sold for meat purpose was 1.79 and for egg purpose was 2.83.

13. Year round production of Oyster mushroom (Pleurotus spp.) : To meet the ever increasing demand for fresh mushroom a demonstration was conducted covering 25 nos. of farmers. In the demonstration it was found that, the farmers are able to harvest 6 times from a bed on an average and harvested 1.50 kg with a B: C ratio 5.17.

14. Fodder production through cultivation of Oat grass (var. JHO 822) during Rabi season: To address this problem of Shortage of green fodder during winter season a demonstration was conducted covering 14 nos. of farmers to popularize the cultivation of fodder during the rabi season through cultivation of Oat grass, var.- JHO-822. The average yield recorded was 270 q/ha. With B: C ratio of 2.02.

15. Scientific rearing of Indian Bee (Apis cerena) in Dhemaji District: To popularize bee culture in the district a demonstration was conducted with five farm families providing required input and capacity building training. From each unit the honey yield recorded 400 g/harvest with 4 harvest / year.

16. Organic cultivation of Ginger var. Nadia using green leaves as mulching material: Popular ginger variety Nadia was demonstrated using green leaves as mulching material covering 3 no. of farmers.

17. Popularization of natural dye towards value addition and diversification of textile products: Commonly used cotton material like house linen and other furniture cover were dyed with natural dye to enhance its beauty and appeal. The dying was found simple, cost effective and end products were highly accepted by the farm women.

18. Demonstration of model kitchen garden to promote food and nutrition security: The demonstration was conducted at Nilakh Torani Pathar including two families and the Primary School of the village. Average fresh yield of French bean 16.2 kg, Leafy vegetables-11.0 kg, Okra-8.50 kg, Spinach- 3.0 kg, Coriander leaf- 1.0 kg, Cow pea- 12.0 kg, Tomato- 11.0 kg, Chilli- 1.5 kg and Cucumber- 22.0 kg were harvested from each unit. The vegetables produced in the kitchen garden were consumed by the family members which may add to their nutritional security.

19. Popularization of improved type dual purpose poultry Rain bow Rooster: To popularize the improved type dual purpose poultry breed- Rainbow Rooster a demonstration programme was conducted covering 20 nos. of women farmers.



Demonstration on Integrated Fish cum Poultry farming



Year round availability of fish advance fingerling, and yearling

4. CFLD programme under NFSM and NMOOP: 40.00 ha

Crop	Variety	Area	No. of beneficiary	Yield
Sesamum	Bahuabheti	10 ha	32	4.67 q/ha
Blackgram	IPU-2-43	10 ha	25	5.85 q/ha
Field pea	Prakash	20 ha	50	13.00q/ha



5. Demonstrations under NEH component: 53.5ha

Crop	Variety	Area	No. of beneficiary	Yield
Blackgram	IPU-2-43	40.00 ha	129	7.30 q/ha
Garden pea	Arkel	7.00 ha	51	89.00 q/ha
Potato	Kufri Jyoti & Kufri Bahar	4.50 ha	57	230.00 q/ha
Maize	HQPM-I	2.00 ha	15	-



Demonstration on Blackgram



Demonstration on Garden Pea

6. Demonstrations of Mustard variety under different programmes

Programme	Variety	Area	Beneficiary	Yield
ICMR-DRMR	NRCHB- 101	10.00 ha	12	9.86 q/ha
RKVY-RAAFTAR	NRCHB- 101	50.00 ha	93	9.86 q/ha



Crop at flowering stage

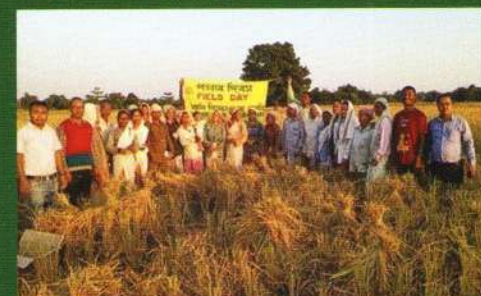


Organizing the Field day



8. OTHER EXTENSION ACTIVITIES:

1. **Field Days:** Total 09 nos. of Field Days organized during the period of 2019-20 with 201 farmer participants.



Field day on Demonstration on Scientific cultivation of submergence tolerant Sali rice variety Bahadur Sub I in low land areas of Dhemaji district



Field day on Scientific cultivation of Potato under NEH Component at Machkhowa

7. Livelihood promotion Programme under TSP:

1. **Livelihood promotion through cultivation of Sali Paddy var. Ranjit sub I & Bahadur sub I :** The demonstration was conducted in 11.20 ha area covering 49 no. of beneficiaries. Average yield of 43.30 q/ ha and 46.50 q/ ha was obtained from Ranjit sub I & Bahadur sub I and with B: C ratio 2.24 and 2.36 respectively.

2. **Livelihood promotion through cultivation of Potato var. Kufri Jyoti :** More than 130 farmer and farm women of tribal community were cultivated Potato variety Kufri Jyoti in 2.5 ha of land covering and harvested average yield of 210.00 q/ ha with a B: C ratio of 3.70.

3. **Livelihood promotion through cultivation of Vegetables :** Demonstrations were carried out for cultivation of different vegetables viz. Garden pea, Tomato, Cucumber and Squash in 10.00 ha of land covering 100 no. of farmers from different parts of the District.



Scientific cultivation of Potato



Rearing of pig in semi intensive



Scientific tomato cultivation



Cultivation of Squash

B. Celebration of important Days: A total of 11 no. of important days were celebrated during the year 2019-20 at different places of the district.



Celebration of Foundation day of Assam Agricultural University



Celebration of World Environment Day 2019



Celebration of Foundation day of KVK Dhemaji



Celebration of The World Soil Day 2019

C. Exhibition organized: 5 nos of exhibitions were organised



1. Exhibition on Sericulture Products organized by KVK Dhemaji and College of Sericulture, Titabor at Silapathar on 16.10.2019
2. Exhibition on Textile and Handloom Products organized by KVK Dhemaji and Deptt. Of Textile & Apparel Designing, AAU, Jorhat at Choukhamting on 13.11.2019
3. Exhibition on agriculture and allied technologies at the General Meeting of TMPK at Akajan on 21.12.2019
4. Exhibition on agriculture and allied technologies at the Dhemaji Haat organized by Mising Autonomous Council and DAO, Dhemaji at DRDA Dhemaji on 7-8 Feb 2020
5. Exhibition on agriculture and allied technologies at the Mising Youth Festival at Majuli from 5-9 March 2020.

D. Awareness Camp organized : 03 nos



Awareness cum Animal Health Camp

E. Animal Health Camp organized: 02 nos



Animal Health Camp during Launch of NADCP

F. Workshop organized:

02 nos (Agricultural Workshop on Petroleum Product Conservation in Agricultural Product and Workshop on Bao paddy cultivation)

G. Kishan Gosthi and large scale plantation: 01 nos

H. Live telecast programme: 03 nos

I. Exposure visit conducted: 04 nos

J. Programme on Soil Health Card (Swasth Dharaa. Khet Haraa): 50 samples has been analyzed and issued 500 numbers of Soil Health Card to 500 farmers

K.) Programme on Skill India (Let's make India the Skill Capital of the World): A total of 13 numbers of skill training was conducted during reporting period

L. Programme on Doubling Farmers Income: Two (2) number of villages has been adopted under the programme of doubling farmer's income by 2022.

M. Programme on Mera Gaon Mera Gaurav (MGMG) : Four (4) number of villages has been adopted under the MGMT programme of KVK Dhemaji.



কৃষি কর্মৰে স্ব-নিয়োজনৰ বাট মুকলি ধনেশ্বৰ বসুমতাৰীৰ

প্ৰতিবেশক, চিমনে চান্দৰী, ১৭ জুন : কৃষিকৰ্মৰ যোগেদি স্বনিয়োজনৰ বাট সেৱাইছে চিমনে চান্দৰী চক্ৰ ৪ নং পৰিষ্কাৰণৰ বহন-বসুমতাৰীৰ পুৰ প্ৰশাসন বসুমতাৰীয়ে। পাঁচ দিবা কৃষি আঁতৰত কৰাৰ পৰা, প্ৰায়ম, চিটা, সেউ, আদিৰ উল্লেখ শস্য আৰু বীজপাৰাণ কৰাৰ লগতে বৰ্তমান পলি, তিতা আদিৰ খেতি কৰিছে। প্ৰথম পৰ্যায়ত সৰুৰু পুটিৰে কৃষিকৰ্ম আৰম্ভ কৰি এইবোৰ এক খেতিৰ মাজত চৰি হাজাৰ জোনা ৰঙালাই বোপৰ কৰি দুটা ৫০ হাজাৰ টকা খৰচ কৰি চক্ৰিকাৰ টকা আৰু কৰিছিল সৰুৰু হৈছে। নিজৰ কৰ্ম আৰু অৰ্পণীয় হৈছে বাবে এটা শীঘ্ৰীত পৰ্যায় অতিক্ৰম কৰাৰ লগতে নিজৰ স্বনিয়োজনৰ বাবে বিভিন্ন শস্য চক্ৰিকাৰ নিৰ্ভৰশীল পৰিষ্কাৰণৰ পৰা লাভবান হৈছে। পৰিষ্কাৰণৰ পৰিষ্কাৰণৰ পৰা লাভবান হৈছে। পৰিষ্কাৰণৰ পৰা লাভবান হৈছে।



যিটো সময়ত বাজাৰত নিদ্ৰা সমস্যা এটা সুস্থ প্ৰক্ৰিয়ায় চিমনে চান্দৰী চক্ৰ ৪ নং পৰিষ্কাৰণৰ বহন-বসুমতাৰীৰ পুৰ প্ৰশাসন বসুমতাৰীয়ে। পাঁচ দিবা কৃষি আঁতৰত কৰাৰ পৰা, প্ৰায়ম, চিটা, সেউ, আদিৰ উল্লেখ শস্য আৰু বীজপাৰাণ কৰাৰ লগতে বৰ্তমান পলি, তিতা আদিৰ খেতি কৰিছে। প্ৰথম পৰ্যায়ত সৰুৰু পুটিৰে কৃষিকৰ্ম আৰম্ভ কৰি এইবোৰ এক খেতিৰ মাজত চৰি হাজাৰ জোনা ৰঙালাই বোপৰ কৰি দুটা ৫০ হাজাৰ টকা খৰচ কৰি চক্ৰিকাৰ টকা আৰু কৰিছিল সৰুৰু হৈছে। নিজৰ কৰ্ম আৰু অৰ্পণীয় হৈছে বাবে এটা শীঘ্ৰীত পৰ্যায় অতিক্ৰম কৰাৰ লগতে নিজৰ স্বনিয়োজনৰ বাবে বিভিন্ন শস্য চক্ৰিকাৰ নিৰ্ভৰশীল পৰিষ্কাৰণৰ পৰা লাভবান হৈছে। পৰিষ্কাৰণৰ পৰিষ্কাৰণৰ পৰা লাভবান হৈছে।

কৃষিকৰ্মৰে জীৱন যুঁজৰ সফল সৈনিক চিচিবৰগাঁৱৰ সৰ্বানন্দ সোণোৱাল



কৰবী দলে, জোনাই
বিশ্ববিদ্যালয়ৰ অধীনৰ চিনাপাৰা কৃষি বিজ্ঞান কেন্দ্ৰৰ পৰা যুৱতাকৈকে চিচিবৰগাঁৱ, পাঁচ হাজাৰটকৈ এৰাৰ আৰ্থিক সাহায্য লাভ কৰাৰ উপৰি বিভিন্ন সময়ত বিজ্ঞানী কৰ্মকাৰীৰ পৰামৰ্শ লৈ অহা প্ৰগতিশীল যুৱ খেতিয়কগৰাকী তিনি বছৰত খাম্বাৰ আৰু বৰি শস্যৰ উৎপাদিত শাক-পাচলি বিক্ৰী কৰি প্ৰায় দুই লাখ টকা উপাৰ্জন কৰিছে বুলি সন্দেহ কৰিছে। চিনাপাৰাৰ লগতে চক্ৰিকাৰ প্ৰশাসনৰ ফালৰ পৰা যুৱতাকৈ আৰ্থিক সাহায্য লাভ কৰিছে আৰু অৰ্থিক বিজ্ঞানসন্মত আৰু অৰ্পণীয় হৈছে খেতিৰ আগলটি বাৰ লাখৰ পুলি চক্ৰিকাৰী ৰাইজে আশা বাক কৰিছে।



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