

“Bailung Patharat Pratat protom ALu Kheti”

Potato production for the First time in Bailung Pathar(Field)

Bilung Pathar...A field under AEA eleka Komar phodia ADO Circle Sunpora of Subsagar Agril. Sub-Division was a mono cropped cultivable land . Winter paddy is the only crop cultivated in the field.

Initiative was taken by the ADO Mrs Tutumani Saikia to introduce Short Duration Paddy Hybrid Variety thereby made 3 ha of the paddy field ready for Rabi Crop in last part of the October 2016.Farmers were very much happy with the Paddy production and ready to go for Rabi crop as per instruction of ADO.

Sunpora Circle was allotted potato seed (Variety : Kufri Khyati)under **“Increasing Production and Productivity of Potato under RKVYm 2016-17 (Central sector)** for 3 ha area from the SDAO Sivasagar. By observing the spirit potato seeds were allotted to three groups of farmers of Bailung pathar and necessary training was given by the ADO regarding production practices of HYV certified potato .

1st group : Sri Prasanna Gogoi, Sudhheswar gohain allotted seed for 1 ha.

2nd group Sroi Nipun duwarah and 5 other were allotted seed for 1 ha.

3rd group headed by Md Rasid with two others.

The challenge for the ADO was that, the groups were cultivating potato for the first time and a frequent monitoring of the field staff had to be ensured. There was no irrigation facility in the field, still the farmers managed to give irrigation at the critical stage of production from the nearest water source.

Adoption of the practices as per guidance of Mrs Tutumani Saikia ADO Sunpora an encouraging g result was observed after crop cutting was done in the field of Rashid Ali S/O Nasiruddin, Village Bilung Pathar under Sivasagar Sub-Division.

Crop cutting Result:

Area under the crop 3 Bigha (0.4 ha)

Date of sowing of seed . 6.112/2016

Date of inturculture : 28 Dec 2016, 25th January 2017 (earthing up),

Date of Harvesting 3.3.2017.

Yield in 5mtr x5mtr = 37 kg

Yield per ha=148 qtl

Production in 3 bigha = 59.2 qtls

Estimated cost of production = Rs 48000.00/0.4 ha ie Rs 1,20,000/ ha

(Estimated Cost of production is calculated inclusive of the cost of seed)

Estimated return from production @ of Rs 6000.00 per qtl = 50 qtl (7 qtl for self consumption) x Rs 6000 = Rs 3,00,000.00

Deflated return = Rs 3,00,000.00 – Rs 1,20,000.00 = Rs 1,80,000.00

The impact is that the group are ready to buy subsidised STW under Departmental scheme and will adopt short duration winter Paddy Varity to make the land available for Rabi Crops for next season.

District Agricultural Officer
Sivasagar

