

SOYBEAN A BOON TO JHUMIA

• Profile of the farmer/ group :

Name of the grower/group : Hotoni Asumi,
Village : Litta New Village,
Block : Akuluto,
District : Zunheboto,
Enterprise : Soybean,
Name of the Centre : KVK, Zunheboto.



- **Background information of the grower :** Mrs. Hotoni Asumi is a progressive farm women who has been practicing agriculture for two decades. She has been cultivating maize, paddy and other vegetable crops, however after coming in contact with KVK she has ventured into soybean cultivation.

- **Technology/process intervened :** During the year 2011, an OFT on Soybean Var. JS335 was conducted at Litta New village with an active participation of Mrs. Hetoni and her friends. Result of the "On farm testing" motivated these woman to take up soybean under Frontline Demonstration in the following years. Ever since then, these ladies have started to take up soybean in large scale and has influenced many farmers to take up soybean in large scale. In 2020 another OFT on soybean Variety JS 9560 was conducted and has shown a better result than the previous improve variety JS335. Today farmers are again replacing JS335 with JS9560.

- **Effect of the technology /process (with facts and figures) :** Before improve variety of soybean was demonstrated and introduced to the farmers of Litta new village, farmers use to grow/ cultivate paddy as their main crop but after the introduction of soybean, farmers have started to replace paddy with soybean as their main crop which has increased their net return more than two times.

- **Production :** During the year 2023, Litta new village has produced about 20mt.
- **Productivity :** Result of soybean yield in 2023 was found 20.4qt/h.
- **Economic gains :** Cost benefit (B.C.) has shown 3:1.



- **Suitability and adaptability in the existing farming systems :** Demand of soybean is high as ever and soil and climate condition of this area is so suitable for soybean, every year there is an increase in the number of soybean grower.

- **Acceptance of technology/process in terms of views of the farmers :** Farmers have well accepted the soybean variety JS9560 as it gives much higher yield as compared to local varieties or even JS335.

Out scaling of technology (Horizontal spread) : This new soybean variety JS9560 has become so popular amongst the farmers of V.K. area. Today from this area 6 villagers have taken up soybean at large scale.



- **Socio-economic impact :** When farmers were cultivation paddy as their main crop, farmers have not seen any profit in agriculture but have to continue agriculture as they have no other options and were living from hand to mouth for many years. But with the introduction of new improved variety of soybean, farmers have started to see a new beam of hope in agriculture for the first time in agriculture. Today soybean growers expect a net return of more than 75 thousand in one hectare area. Soybean is working miracle amongst the farmers of V.K. area.