

# **SKILLS TRAINING MADE PROTECTED CULTIVATION OF HIGH VALUE CROPS**

**NAME OF THE FARMER- SRI SUDAMA PRASAD SAHU**

**VILLAGE – SEMRA**

**BLOCK – BHANDRA**

**Back Ground-**Today **Sudama Prasad Sahu** is a progressive farmer,earlier he was depended in rain water, farming done only kharif season .Due to lack of irrigation facility he could not even think of farming over the year.Whatever water used to come from rain it used to dry up for Rabi crop.if there is no good rain rabi cultivation also affected.

**Training and motivation-**After got training he started farming with the help of drip and sprinkler method of farming it proved to be an effective solution.he started to grow various types of vegetables like bitter gourd ,water melon, beans,sponge gourd,bringal and chilly etc.He attended training program on 5/8/19 to11/8/19 organized by **ATMA LOHARDAGA**.He also started the flower cultivation.

**Socio economic impact of the program-** The skill based training program helped him to introduce various types of farming method like greenhouse,shade net ,drip and sprinkler,tunnel farming system.Earlier he grow only paddy ,maize and some pulses in kharif season and the income was very less 150000 to 20000 .But after training ,he started to grow various type of vegetables and the annual income increased 300000 to 600000 /year.

## **Contribution of the program**

The skill based training program helped him to save water,save soil and save environment.these 3 factor play important role in agriculture which need to be conserve for future generation .He improved on farm water use efficiency to reduce

wastage of water,if also reduced labour cost,fertilizer application which reducing all over cultivation cost.

**Influence on other farmer:-SUDAMA PRASAD SAHU** now become a role model in his village. He sharing his knowdge with women's SHGs & FPOs. He motivate the farmers to participate in various activities of ATMA like farm school, Kisan goshtis, Training, Kisan Mela and Exposure visit Programmes.

**Training coverage-**An introduction to need of protected cultivation of high value crops,crop selection care labour and yield, introduction of different type of vegetables under green house,types of protected cultivation green house ,plastic tunnel,shade net and plastic mulching.factor affecting the construction of green house,ideal location of green house in plains and hill areas.water management and fertilizing,method of micro irrigation integrated nutrient management,awareness of improved quality of seed and planting material,crop diversification and its impact,organic farmingand preparation of vermin compost,crop rotation ,inter and rely cropping,disease management in vegetables,weed controls,essential plant nutrient and their deficiency,organic and precision farming,insect pest and disease control, technique of nursery raising,value addition and marketing,method of fertilizer application and importance of farm equipment and role of mechanization.

District Agriculture Officer-cum-  
Project Director, ATMA, Lohardaga.

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