1.CABBAGE CULTIVATION (HYBRID) UNDER NONGKREM CIRCLE

Cabbage is one of the most popular Cole crops grown at Nongkrem and its surrounding areas in East Khasi Hills District. Since it is a cool-season crop, it thrives best in a relatively cool moist climate and can withstand extreme cold and frost. It can be grown on all types of soils with a pH ranging from 5.5 to 6.5.

The inputs like seeds, organic manure, plant protection equipment & chemicals were supplied from the office of the District Horticulture Officer East Khasi Hills, Shillong. Apart from this major share of input support from the Department, he had to spend only for FYM, inorganic fertilizers and labor charge for land preparation, sowing, transplanting, intercultural operations, harvesting etc.

Sowing of seeds in nursery start from 1st week of April to last week of June for continuous production and supply in the market.

Seedlings in nursery

With the implementation of the scheme HMNEH, cabbage cultivation in this area has transformed the lives of many farmers.

HMNEH 2010-11/IR
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CROP: CABBAGE
VARIETY : WONDER BALL
LOCATION: UMRAW

The good performance of the crop brings success to the farmers through the technical support and guidance from time to time.

As per information given by the farmers the cost of cultivation and cost benefit ratio being worked out approximately as follows.

Total cost of cultivation for 1ha	= ₹ 2, 50,000/-
Average yield / ha	= 20 MT
Average market rate	= ₹ 10/Kg
Total income	= ₹ 5, 00,000/-
Net income	= ₹ 2, 50,000/-
Cost benefit ratio	= 1: 2

With this net income the beneficiaries plan to increase the area under this crop and other vegetables for sustainable production. This success has drawn the attention of other neighboring farmers in this area, as a result more farmers have come forward for assistance and technical guidance from the Department.

2. Peas cultivation by Shri. Balington Kharrngi

Shri. Balington Kharrngi 42 years, a progressive farmer of Iewpomtiah Village under Nongkrem Circle has a plot of land of 4 hectares approximately. Through the assistance & technical guidance of the Department he started mixed farming many years back by growing different types of vegetables. The District Horticulture Officer, East Khasi Hills, Shillong under the HMNEH scheme 2010-11/ 1R, provided him with Pea seeds (hybrid), organic manure, plant protection equipments and chemicals. Seeds were sown during 1st week of February with recommended package of practices.

Harvesting was done from 12 May 2011 onwards. These incentives have enabled him to expand the area under pea cultivation and enhanced his annual income.

The cost of cultivation and cost benefit ratio as per his information being worked out approximately as follows:

Cost of cultivation for 1ha	= ₹ 1, 75,000/-
Average yield / ha	= 10 MT
Average market rate	= ₹ 35/Kg
Total income	= ₹ 3, 15,000/-
Net income	= ₹ 1, 40,000/-
Cost benefit ratio	= 1: 1.8

From the surplus income he receives he is now able to sustain and educate his children and also planning to expand his area under horticulture activities. This success serves as a model for the neighboring farmers of Iewpomtiah village and as a result more farmers have come forward from the support from the Department.