

ACTIVITIES ON TRAINING AND DEMONSTRATION OF EFFICIENT FARM EQUIPMENT

1. Name of the Technology – Chaff Cutter

Demonstration and training is being carried out among villages at Utaraj and Kalam , Participants were enlightened to use by themselves and for their further day to day use .

Details of Technology –

RuTAG- IIT G developed a compact version of chaff cutter. The machine is portable and can be assembled at location. It is a manually operated cutting tool and suitable for mushroom cultivation for cutting uniform straws.

Benefits –

A single user with a very small amount of effort can operate the cutter. The blade of the cutter is a mild steel flat bar which can be easily available at any local shop. Less moving parts like gears and bearings were used.



2. Name of the Technology - Feed Block Machine

Details of Technology –

Scarcity of fodders during winter season is a very big problem for Yak and Mithun rearers. Traditional methods is very cumbersome and time consuming. RuTAG - IIT G developed two models of compressed feed block machine, a) Hydraulic feed block machine and b) Manual feed block machine.

Benefits –

The machine is a manually operated and portable one. Easy to transport in hilly areas and can be fabricated with locally available materials. The farmers can develop feed blocks for the cattle during winter season by compressing the machine with a circular disc inside a vertical cylinder. Addition of vitamins and minerals can be added into the feed blocks as per the prescribed veterinary experts. Feed blocks can be customized for different animals by changing the size of the cylinder and nutrients.

