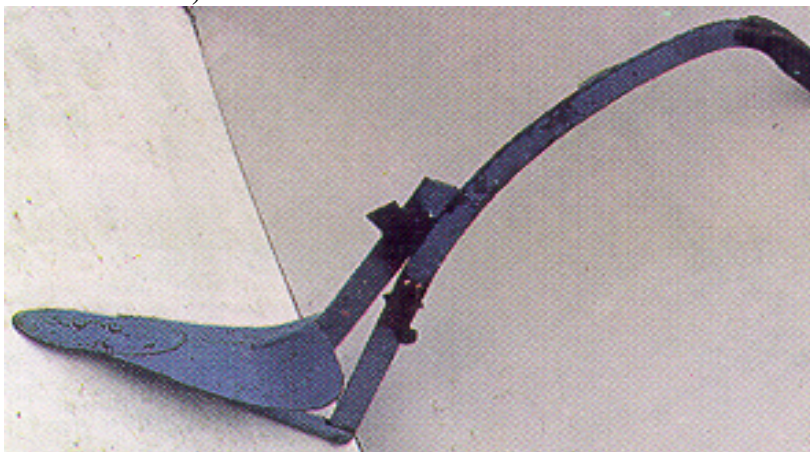


## **PROFORMA FOR SUBMISSION OF INFORMATION ON TECHNOLOGIES DEVELOPED**

1. Name of Machinery/ Product/ Variety, developed: **Light Ridger Plough**
2. Application/ Use (Maximum 2 line): **Light-ploughing work.**
3. Description/ Features of the Machinery/ Product/ Variety developed along with one good coloured photograph (Maximum 100 words):



**Light Ridger Plough**

**Ploughing is a labour intensive job and in hilly area it is usually done with the help of spade or animal drawn country plough, which gives very low inversion percentage resulting in lower output. The improved bullock drawn light ridger plough inverts the soil on both sides. It was found to give up to 80% inversion as compared to meager 37% inversion in case of traditional wooden plough.**

4. Input (Equipment/ plant and machinery/ raw material/land/investment/ man power/ power needed):  
**Single/Pair of Bullock and Operator**
5. Output capacity: **0.02 to 0.03 ha/h**
6. Specific benefits and impact: **The device can save up to 46% cost of ploughing as compared to country plough.**
7. Unit cost: **Rs. 1000/-**