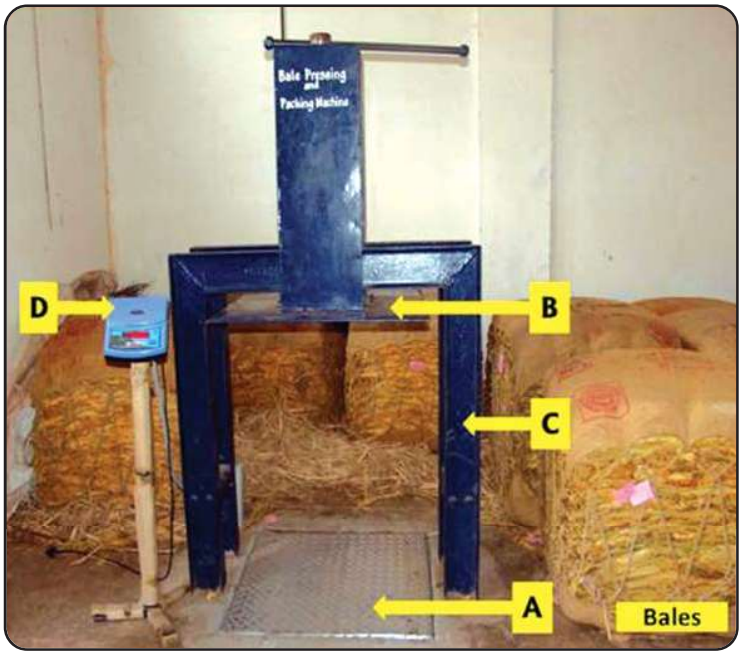
Name of the technology : **Tobacco Bale Pressing and Packing Machine**

Year (s) of development : 2010

Technology details

Usually baling is done manually which is time consuming and laborious process. ICAR-CTRI developed a bale pressing and packing machine during 2010.The machine consists of an Steel plate (A) of size (30x30") fixed on cement platform. An adjustable manually operated iron plate (B) of size 29 x 29" with the help of a screw handle is fixed to the Iron frame(C) of 43" size fixed over the steel plate (A) on the ground. A weighing scale (D) is attached to the machine to monitor the weight of the bale. The wooden box is placed on the steel plate (A) and the cured leaf is packed periodically in a systematic manner with the help of the adjustable iron plate (B) fixed to the Iron frame. After packing the required cured leaf (110-150 kg), the wooden boards of the bale boxes are removed and the bale is packed with gunny bag and ropes.



Impact of the technology

Baling of graded cured leaf through bale pressing machine reduces the labour, drudgery and improves the efficiency. By this machine 25% labour charges can be saved apart from improving uniformity in baling.Farmer will get an additional income of 1500-2000/ha.

Publications/Commercialization

- ICAR-CTRI Annual Reports 2008-10.

Investigators/ Developers

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