


INNOVATIONS OF FARMERS IN GADAG DISTRICT

Compiled by ICAR-KVK, Gadag

Sl. No	Particulars	Remarks
1	Title of Innovation	Hand operated intercultivation cum weeder equipment
2	Thematic Area	Farm tool/equipment
3	Profile of Innovator	<p>Name of the farmer: Shri Shivaputrappa Ullagaddi</p> <p>At Post : Mundaragi</p> <p>Taluk : Mundaragi</p> <p>Mobile No. : +91-9740348164</p> <p>Age : 50</p> <p>Education Level : 4th Std.</p> <p>Size of land holding : 1.5 ha</p> 
4	Problem/Challenge addressed	Mr. Shivaputrappa Ullagaddi is a marginal farmer. He cultivates vegetables. He does not possess bullocks. Timely intercultivation and weeding was not possible due to higher cost of hiring charges and labours. To address the problem, he designed an intercultivation/ weeding equipment.
5	Description of innovative practice/technology	The intercultivation/weeding equipment has two wheels attached to a shaft at a distance of 6". It has assembly of adjustable blade harrow. There are two poles of 5' length attached to the shaft for pulling. The equipment can be manually used from both the sides i.e. pulling and pushing for intercultivation/weeding in vegetable crops.
6	Practical utility	<ul style="list-style-type: none"> i) Handy equipment ii) Timely operation is possible iii) Saves cost incurred on intercultivation and weeding (Hiring charges) iv) Best suited for small and marginal farmers having no bullocks
7	Source of information	It is farmers' own innovation
8	Economics/Profitability of innovation/technology (costs and return per unit/intervention/area/household)	The cost of equipment for fabrication is Rs.2000/-. The use of equipment saves Rs.5000/- per acre spent on hiring of bullocks and labours for weeding and intercultivation in vegetable crops.

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9	Potential: Acceptance level, horizontal spread of innovation and number of farmer adopting	This innovation is widely accepted by the farmers and the Department of Horticulture has already requested the farmer to fabricate the equipment and supply the equipment for wider publicity
10	Illustrate with high quality photos with caption, graphs	



A close view of Intercultivation cum weeder equipment



Usage of Intercultivation cum weeder equipment in the field