



BICYCLE WEEDER

INNOVATOR

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PROBLEM ADDRESSED

Not all the farmers can afford bullock, a small tractor or a power tiller. Also due to relatively low land holding capacity many farmers do not need these farm equipments. Bicycle Weeder is a multi-purpose farm implement developed using inexpensive bicycle components.



PRODUCT

The implement consists of the front portion of a bicycle, namely handlebar, front axle and a wheel. A steel fork is connected to the axle and the other end carries different kinds of attachments.

TECHNICAL DETAILS

- Separate attachments for weeding, tilling or harrowing could be attached to the working end by using nuts & bolts. Suitable slots are provided for attachment so that the distance between blades can be adjusted to suit specific requirements.

SALIENT FEATURES

- It is very easy to operate and is ideally suited to the needs of marginal farmers who cannot afford to maintain bullocks.
- Tiller attachment enable farmers to cultivate light and medium soil up to a depth of 3 cm.

AWARDS AND RECOGNITION

Innovator has won a consolation award in NIF's Second National Competition for Grassroots Innovations and Traditional Knowledge, 2002.

