

Weeding is the process of eliminating competition from unwanted plants of the regular crops. Management of weeds is an important component of crop production. wetland cono weeders are becoming popular because they are utilized under shallow water conditions. weeds are uprooted by the teeth of the weeder and the buried in the mud by push and pull operations of weeder.

The manually operated improved wetland cono weeder is based on the design by central institute of Agricultures Engineering Bhopal. It is safe and environmental friendly.

Construction : The weeder consist of two metallic cones with blades fixed to a long handle and a float. The cones have been made with high capacity press tools and start of the art technology. The handle is designed ergonomically for easier operations by even by woman workers and is adjustable.

Sallient Features :

- ✿ Gender friendly - Woman can operate very easily. less drudgerous.
- ✿ Low cost of weed control.
- ✿ Much easier to operate than other weeders due to its ergonomics design.
- ✿ Buries the weeds in the soil itself making organic mulch.
- ✿ Facilities good aeration for better development of root system.
- ✿ Very ideal for weeding in SRI and even in heavy clay loam soil.
- ✿ Area of coverage - 0.15 ha/day.
- ✿ Saving in labour = 50 percent of hand hoe weeding.
- ✿ Saving in cost = 40 percent of hand hoe weeding.
- ✿ Longer life of the tool.

Instruction to USE :

- ✿ First weeding is to be within 20-25 day of sowing or planting of seeding.
- ✿ Pass the weeding machine in black and forth movement between rows.
- ✿ Second Weeding to be done 15 day later.
- ✿ Third and fourth weeding can be done based on the crop requirement.

Discription	Particulars
Over all dimensions (LxBxH), mm	2140x500x1070
Weight kg	6.0
Working width, mm	140-160
No of Cones	2 (Metallic)
Height of handle from the ground, mm	1070
Number of blades in weeding Cone	Straight blade = 6 Serrated blade = 6
Blade thickness, mm	1.6,2
width pf handle, mm	500
Size of float (LxBxH), mm	330x120x70

Manufactured by :
METALWELD ENGINEERING PVT. LTD.

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