

Pebble / Stone Remover from Field

Shri. K.Viswanathan,
293 Teachers Nagar, Kullamapalaym Post
Gobichettipalayam Taluk
Erode District
(Mobile : 09443205244)

Profile	
Age	52 years
Education	10 th STD
Farming Experience	30 Years
Recognition:	<ul style="list-style-type: none">• Kendra identified his equipment as a innovation• The innovation was published in The Hindu and Mass media

Description of Innovation:

Mr.K.Viswanathan an inventor from Kullampalayam village of Gobichettipalayam Taluk, Erode district developed a tractor operated stone remover. It requires 35 HP and power. It consists of conveyor chains drive gear box, PTO shaft and at the bottom is connected with tines. Tippers are connected to the backside of the equipment while operating the conveyors chain is rotated at the rate of 12 – 16 rotation per minute. At the same time, the tine loosen the soil and the stones and small pebbles are pulled out in to the conveyor chain and collected in tipper.

Practical Utility of innovation:

The stone remover is capable of picking stones ranges from 25 mm to 120 mm size from a depth of 15 – 25 cm. in a day it can used to clean five acre land. It reduces the labour requirement (60 – 70%) for removing the stone from the field. It is very helpful for easiness in nursery preparation and improves the physical properties of the soil. This innovation helpful to the farmers in harvesting of tuber and rhizomes crop without additional labour involvement and it is best suitable for the hilly tracts and dry tracts region. The cost of the equipment is Rs.3,00,000/unit.

Source:

Professor and Head

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Gobichettipalayam, Erode.

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