



23. Lone's Rodent trap device for Management of Rodents in Fruit Eco-system

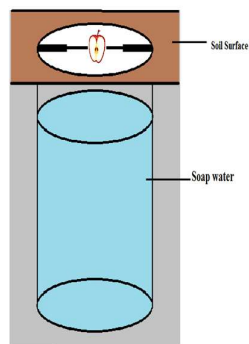
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Name of Inventor

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Description of Technology

Lone's Rodent Trap Device is used in fruit orchards. The device is waterproof stainless steel or plastic container circular or rectangular with a depth of 2 ft. Circular container is of 6" diameter while as a rectangular container may be 4" wide. $\frac{3}{4}$ part of the container is filled with soap water and upper $\frac{1}{4}$ is kept empty. The device has a rotatable lid at the top managed by a small iron rod. Apple is used as a bait material at the top fixed to the iron rod. It is an eco-friendly physical control method and is blended with some cultural tactics like complete sanitation and eradication of succulent root foods. One device is required for more than one hectare of Apple orchid.



Lone's water trap device



Plate1: Part as covering above container /soil surface with attractant and second right part is container in soil $\frac{3}{4}$ part of which is filled with soap water and having one fixed rotatable rod.

Impact

The designed equipment in IRM module is eco-friendly, economical, time saving in any environment, easily applicable against rat war and is 90% successful.

Commercial applicability

The designated equipment when impregnated with cultural tactics after it is available in the market and after patenting shall be of great importance. This method is successful and will overcome other ineffective pre-existing rodent control measures for the welfare of farming community.