



Problem Statement

Wild Animals, Birds and Rodents damage to various agricultural crops and other areas is high. The damage starts from sowing and seedling stage. The extent of damage ranges from 70-90% during sowing stage, compelling farmer to undertake repeat sowing. During pod setting or seed formation stage, Wild Animals, Birds and Rodents inflict damage to an extent of 5-50% in different crops and other areas. During this stage, farmers and business owners are forced to lose the crop and loss to property.

Solution

Keeping in view of this, ICAR has initiated a new project in XII plan on All India Network Project on Vertebrate Pest Management (AINP on VPM), Professor Jayashankar Telangana State Agricultural University and ABR Consulting Services Pvt. Ltd. to address the problem raised by these higher vertebrates, Birds and Rodents in agricultural landscapes and other areas.

Rodent Trap - (ABR Rodent Trap) - is an IoT enabled, solar powered rodent control device that attracts and traps rodents from crop fields and other areas.

Area of Application

<input checked="" type="checkbox"/> Agriculture	<input checked="" type="checkbox"/> Railway Stations
<input checked="" type="checkbox"/> Horticulture	<input checked="" type="checkbox"/> Apartments
<input checked="" type="checkbox"/> Floriculture	<input checked="" type="checkbox"/> Gated Communities
<input checked="" type="checkbox"/> Corporate Offices	<input checked="" type="checkbox"/> Food Warehouses
<input checked="" type="checkbox"/> Hotels & Restaurants	<input checked="" type="checkbox"/> Religious Places
<input checked="" type="checkbox"/> Airports	<input checked="" type="checkbox"/> Research Stations
<input checked="" type="checkbox"/> Bus Stations	<input checked="" type="checkbox"/> Universities

▶ Features

- ✓ A light weight, battery operated, portable device used for attracting and trapping rodents. It can be moved from one place to another / crop to crop.
- ✓ It is economic and eco-friendly as rat poison is not needed for desired results.
- ✓ Available in 2 models - manually operated and IoT/Sensor enabled.
- ✓ With the IoT/Sensor enabled device, the User will receive notification when a rodent is trapped.
- ✓ User will also receive location based information.
- ✓ Trademarked, Patented, GeM listed, CE Certified product.
- ✓ The device comes with one year warranty



▶ Benefits to Customers

- ✓ No poison needed
- ✓ Avoid harming other animals
- ✓ See results quickly
- ✓ Monitor rodent activity
- ✓ Protects the properties like (Paper Files, Food, Furniture, Cables & Accessories and many more..)



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