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Pestosys LLP

Pestomatic Group

2025/2026

Empower communities through Innovative,
Sustainable Pest management



**Rat Run
Green Bait**
Safe to Ruminants



**Animal
Out**
Animal
Repellent



Natural Snake Out
Snake Repellent



Bird-O- Matic
Bird repellent



DPIIT No.: DIPP43691
UDYAM-MH-26-0531176
ISO 9001:2015 & ISO 14001:2015
ISO 9001:2015 & ISO 14001:2026
NPOP (APEDA) Organic Certified

Pestosys LLP

Pestomatic Group

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Empower communities through Innovative,
Sustainable Vertebrate Pest Management



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www.pestosys.com



<https://youtube.com/@pestosysllppune>



PESTOMATIC

UDYAM-MH-01-0077729

About **Pestomatic Controls**

Pestomatic Controls, established in 2004 in Shirampur, Ahilyanagar, Maharashtra, is a pioneering Agri-Clinic and Agri-Business Centre (ACABC) unit under the Government of India's scheme. Founded by Dr. Avinash N. Salunke, an entomologist and agripreneur, the firm specializes in the manufacture and consultancy of eco-friendly pest control solutions.

We are an NPOP-certified manufacturer of organic pest management solutions, holding Bronze ZED certification, and registered under MSME. Pestomatic Controls delivers eco-friendly, plant-based solutions across household, agricultural, and commercial sectors.

With operational reach PAN India and established export partnerships in the Middle East, South East Asian and African countries, we tackle pest problems through sustainable innovation.

Our Unique Approach

We specialize in utilizing low-value, underutilized crops and botanicals with limited commercial usage to produce effective pest repellents. Through our buy-back scheme, we help farmers earn income while providing sustainable raw materials for production — enhancing both plant protection and farmer prosperity.

Measurable Impact

- Empowered 500+ small and marginal farmers across India through product buy-back and income support.
- ClB approved, biological manufacturing of EPN with NIPHM.
- Enabled 100+ farmers to establish micro-enterprises in pest control, creating new income streams.
- Prevented crop damage worth over ₹1.2 crore through timely and organic pest protection measures.
- Deployed solutions in 20+ districts across Maharashtra and 6+ states nationwide.
- Trained 200+ SHG and FPO leaders in organic pest control practices.
- Reduced pest losses by up to 85% in targeted farm trials.
- Supported by letters of appreciation from various agencies.
- Contributed to environmentally safe pest control in urban and semi-urban households.

Pestomatic Controls is committed to scaling green technology and inclusive growth for a pest-free, prosperous India.

About Pestosys LLP



DPIIT No.: DIPP43691

UDYAM-MH-26-0531176

ISO 9001:2015 & ISO 14001:2015

ISO 9001:2015 & ISO 14001:2026

Pestosys LLP, based in Pune, Maharashtra, is a dynamic agri-biotech startup focused on the development and commercialization of natural and organic pest repellent technologies. The company was established to address the increasing need for non-toxic, environmentally safe, and farmer-accessible solutions to wild animal and pest intrusions in agricultural and semi-urban settings.

Founded under the entrepreneurial vision of Mr. Avinash N. Salunke, an entomologist and agripreneur with deep experience in pest management, Pestosys LLP has emerged as a R&D-driven, field-validated brand trusted by farmers, educational institutions, and industrial clients alike. Also incubated and funded start up at MANAGE, NIAM and CIRCOT.

Our Mission

To empower farmers, institutions, and rural communities with affordable, eco-friendly pest and animal management technologies that reduce crop loss, enhance food security, and promote sustainable agriculture.

Impact So Far.

- Protected over 2,000+ acres of farmland from wild animal damage.
- Supplied products to educational institutions, sugar factories, industrial units, and farmer collectives.
- Partnered with 200+ individual farmers and 15+ institutional buyers.
- Enabled 30–35% savings in crop loss through early adoption.
- Supported micro-entrepreneurship through SHGs and FPO-led implementation.

Our Solutions

- **Flagship Product Range:**
- **Animal Out** – Wild animal deterrent.
- **Natural Snake Out** – Snake repellent solution.
- **Rat Run Green Bait** – Rodent control bait.
- **MokshX** – Multipurpose pest control formula.
- **WhiteGel** – Gel-based insect control formulation.
- Products are **NPOP-certified, Easy to Use** and validated at **BSKKV Dapoli, NIPHM Hyderabad, and GKVK Bangalore**. Also our products have been tested and certified at various CIPM Centers (GOI) under the supervision of Plant Protection Advisory (GOI).
- **Complementary Services:** Technical training, field demonstration support, and collaboration with Agri-KVKs, Research stations, FPO's, SHG's, NGO's, MNC's and Government departments.

Our Achievements :

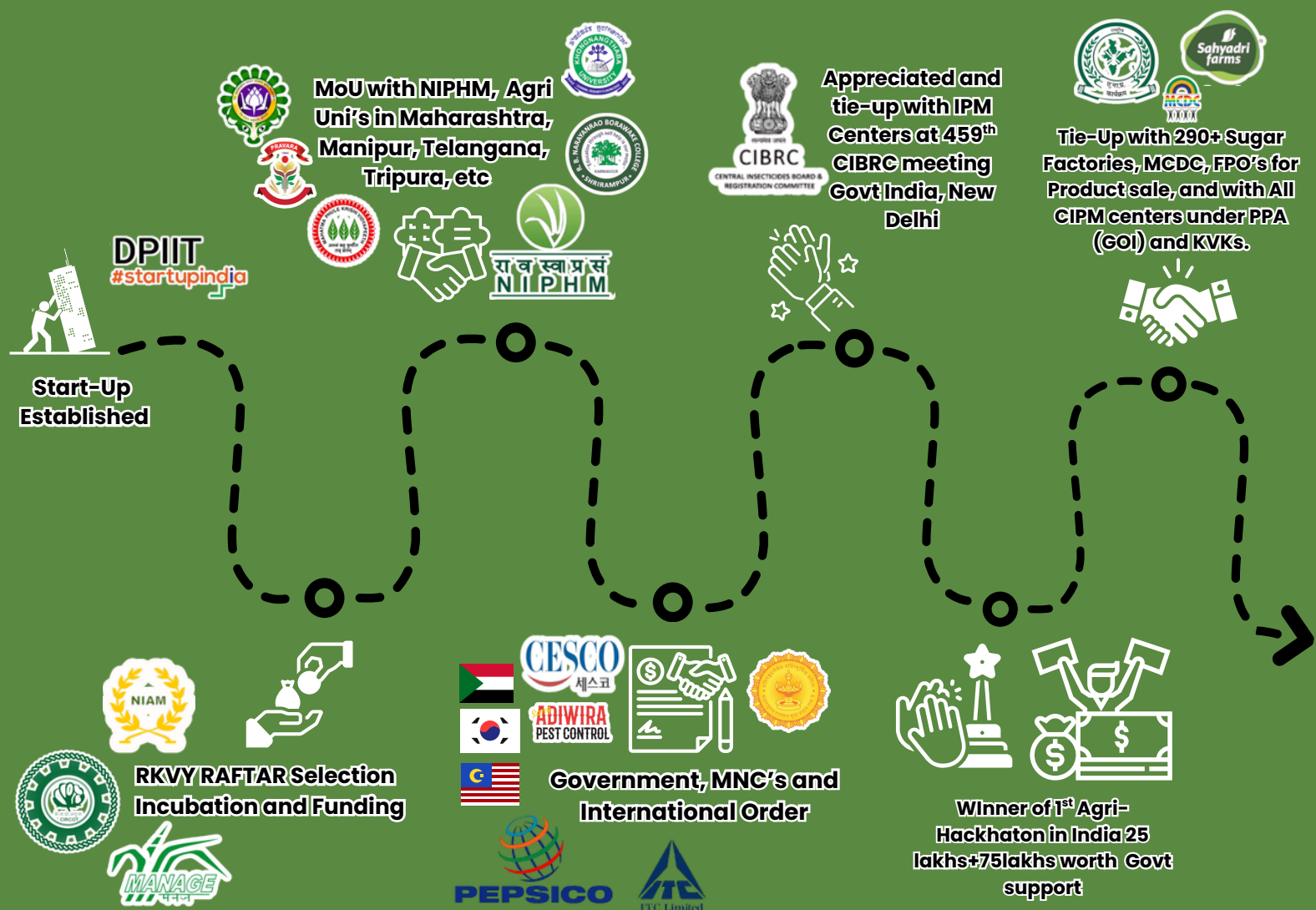
- Winner of India's First Agri-Hackathon in Plant Protection Category (2025).
- Represented and Appreciated by 459th RIC Committee (CIB-RC)
- India's first Organic (APEDA) Certified Pest Control product manufacturing company.
- Winner of Best Start-Up at 3rd International Conference on Innovations in Biotechnological Research for Sustainability and Bioeconomic Challenges and Practices (2024).

Pestosys LLP is a pioneering company committed to addressing unique pest challenges through innovative, humane, and environmentally responsible methods. Established in 2019 and based in Pune, Maharashtra, we specialize in vertebrate pest management, offering solutions that are both effective and sustainable.

Sustainability & Vision

Pestosys LLP is committed to a safer, greener future by promoting eco-friendly pest control using locally sourced botanicals and sustainable packaging. Our goal is to reduce crop loss and support rural livelihoods through innovative, accessible solutions.

We aim to be India's most trusted name in natural pest management—where crops thrive, farmers prosper, and biodiversity is protected. and farmer-friendly brand in natural pest management, enabling a future where crops thrive, farmers succeed, and nature stays protected.



About Director

Avinash Salunke is a multifaceted Professional with extensive Qualifications and Experience in Agriculture, Pest Management, Food Safety and Hygiene. As the Founder Director of Pestosys LLP, he's pioneering the field of Innovative and Safe Repellents, Reflecting his commitment to excellence, Innovation and Community well-being. His diverse Business Ventures, including Manufacturing, Training and Sales, Emphasize his leadership in the industry and his dedication to practical solutions for today's Farming challenges.



Education: BSc Agri, MSc

Member: IPCA, PCAI, BIPA

Food Safety Lead Auditor ISO 22000:2005, GMP, Hygiene Consultant Accredited Fumigator and International Quarantine Treatments Facilitator ToT (Training of Trainers) Certified by MANAGE, Hyderabad and NIRDPR, Hyderabad

Enterprise Name: Pestosys LLP, Pestomatic Controls, BareFooter School Foundation

Dr.(Hons.) Avinash Salunke

Company Director

Core Business Activities:

Manufacturing: NPOP Approved Pest Control Products, EPN (Entomopathogenic Nematodes)

Development: Natural alternatives to Chemical Pesticides, Tools and Repellents for Protecting Plants from Pests and Animals.

Our Expertise



At **Pestosys LLP**, we specialize in delivering innovative, eco-friendly pest and animal management solutions. With over 22 years of field experience, our expertise spans across:

- **Pest Management:** Advanced control solutions for insects, rodents, and structural pests in residential, agricultural, and industrial settings.
- **Vertebrate Control:** Unique, smell-based repellents for wild animals such as **monkeys, wild boars, and snakes**, tailored for farms, warehouses, and public spaces.
- **Natural & Biological Products:** Development and manufacturing of **NPOP-approved products, Entomopathogenic Nematodes (EPN)**, and safe alternatives to chemical pesticides.
- **Food Safety & Hygiene:** Certified lead auditors in ISO 22000, GMP, and hygiene practices, supporting food and pharma industries.
- **Training & Outreach:** Through our educational arm, BareFooter School Foundation, we provide skill development and placement support for rural youth and professionals across India.
- **Multi-Sector Solutions:** Serving diverse sectors including agriculture, food processing, pharma, hospitality, and government agencies under PPP models.



Our **Eco-Safe** Solutions

—— (NPOP (APEDA) Certified)



At **Pestosys LLP**, we provide next-generation pest and animal management solutions which are **NPOP (APEDA)** certified and validated solutions designed for **eco-safety, high effectiveness, and real-world adaptability**. Our solutions blend science, tradition, and innovation to protect your crops, premises, and food systems—without harming the environment.

Smart repellents for Monkeys, Wild Boars, Snakes, and Rodents—formulated with natural ingredients and odor-based deterrent technology that repels without causing harm. A proven choice for farmers and urban landscapes.

All our available across leading E-commerce platforms such as Amazon, Flipkart, Blinkit, GeM Portal, and IndiaMART. We have successfully participated in and secured various State Government tenders in Maharashtra.

We are also associated with institutions such as NIPHM, MANAGE, MPKV, Dr. BSKKV, and various Central Integrated Pest Management Centres (CIPMCs) operating under the Ministry of Agriculture & Farmers Welfare, Government of India under guidance of PPA (GOI).

Pestosys LLP has been exporting its organic products to countries such as Malaysia, South Korea, Sudan, the Middle East, and Egypt to cater to the growing global demand for natural and organic solutions that minimize toxic footprints.



Our Solutions

NPOP (APEDA) Organic Certified Products



Rat Run Green Bait

- ✓ Safe for Humans & Animals
- ✓ **Dual-purpose:** Cattle Feed Pellets and Rodent Management
- ✓ Government & Institutional adoption

Packing: 1 Kg , 150gm



White Gel

Ant -Cockroach-Termite Control (Residential & Agriculture use)

- ✓ Multi Pest Effective formula
- ✓ Non Residue - Natural - Organic
- ✓ Suitable for Home, Hotels, Hospitals etc
- ✓ Safe for Agriculture and Garden

Packing: 50 ml, 250 ml



Animal Out (VPM)

Wild & stray Animal Repellent.

- ✓ Safe for seeds and crops
- ✓ Bitter in taste
- ✓ Odour-based action
- ✓ Natural formulation
- ✓ Can be used via Drip
- ✓ Safe to use at Fruit Fram

Packing: 50 ml, 250 ml, 500 ml, 1 lit



Natural Sanke Out

- ✓ Reduces Human-Snake conflicts and accidents
- ✓ Suitable for residential areas
- ✓ Ideal for Gardens, Hotels & Hospitals
- ✓ Non-toxic
- ✓ Easy to apply
- ✓ Environment-friendly

Packing: 1Kg

MokshX

Natural Control for Sucking Pest Powder

- ✓ Controls leaf-eating pests
- ✓ Safe for Agriculture use
- ✓ Safe and Natural formula
- ✓ Safe to use in Hostel, Home, Offices.
- ✓ Safe for Pets

Packing: 150 gm



Borer Care

Natural Borate Solution for Stem Borers

- ✓ Natural and Organic
- ✓ Cost Effective



Ann- Dhanya Rakshak

Keep Grains Safe from Dampness

- ✓ Natural and Organic
- ✓ Cost Effective



Knock Out Bait

Proven solution for Mollusks, Snails

- ✓ Natural and Organic
- ✓ Cost Effective
- ✓ Safe to use in Farms and Garden

Packing: 1Kg



Bird-O-Matic

Safe Biological Natural Bird repellent

- ✓ Natural and Organic
- ✓ Non Harmful to Birds
- ✓ Suitable for Home, Hotels, Hospitals etc

Packing: 200 ml

And Many more Products, Tools, Cages, Equipment, Dresses..



For any specific Pest Problem please give us a call, We have many more range of products and solutions for house-hold, Agriculture, Commercial and Service use..

All our products are available on AMAZON, FLIPKART, GeM Portal, INDIAMART and on WhatsApp/Instagram (Direct Purchase).

For links please drop us a message or scan the QR's.

OTHER CERTIFICATIONS & TOXICITY REPORTS

GreenCert Organic

STATEMENT OF COMPLIANCE

No. NPOP/EN631281384
For Pestosys LLP

Operator Address
Pesticide Controls, A-28, MIDC, Shirwagar,
State Maharashtra
District Akhondgar
Taluk Shirwagar

Based on a signed contract and external inspection carried out in the January 2026, M/s. GreenCert Biosolutions Pvt. Ltd, herewith confirms that the products mentioned in the list attached are manufactured by the above mentioned company, in compliance for use in organic production as allowed/restricted product under NPOP.

Date of Issue : 31/01/2026
Valid upto : 06/01/2027
Place : Pune

Seal
Authorized Signatory
M/s. GreenCert Biosolutions Pvt. Ltd.

GreenCert Biosolutions Pvt. Ltd.
Office No.1, Mahargad Apartment, CTS No.19/A, Erandwane, Pune - 411004.
☎ 020 29962230 ✉ contactus@greencertindia.in 🌐 www.greencertindia.in

NPOP (APEDA Organic) Certification

Krish Biotech
Partnering Quality Research

Krish Biotech Research Pvt. Ltd.
(OECD GLP Certified Facility)
T-1, QK-17 (Part) WBIDC, Phase III, Kalyani, Nadia, West Bengal 741235, India.
Tel : +91 33 2582 4472, Email : bd@krishbiotech.com, Web : www.krishbiotech.com
CIN No. U74999WB2007PTC116917

Study Number: GL04399

STUDY REPORT
Acute Oral Toxicity Study of Rat Run Green Bait in Wistar Rats

GUIDELINE
Acute Oral Toxicity: OECD: 423, adopted on 17th December 2001

STUDY DIRECTOR
Paramita Dutta, M.Sc.

TEST FACILITY
Krish Biotech Research Private Limited
T-1, QK- 17 (Part) WBIDC, Phase III, Kalyani, Nadia, West Bengal - 741 235, India

SPONSOR
Pestosys LLP
Flat No. A 102, Sr No. 47/1a, Nandan Euphora, Hawaldar Mala, Dhanori, Pune, MH, 411015

STUDY COMPLETION DATE : 09 Jan 2024

Dermal & Oral Toxicity Report

Sahyadri Farmers Producer Company Ltd - FFC Lab
Gat No-314/1,314/2/1, Mohadi - Dindori Road,
At Post - Mohadi, Tal Dindori, Nashik, - 422207, Maharashtra, India
Email - info@sahyadrifarms.com
Toll Free No. : 7066045937

Sahyadri farms
Seeding goodness

Date of Sample Receipt :	14/12/2022	Sample Code :	FR/12/22/16
Date of Analysis :	14/12/2022	Date of Reporting :	17/12/2022
Customer Name & Address :	Mr. Avinash Salunke		
Sample Description/Type	Monkey - Wild Animal Repellent	Batch No/Code :	NA
Test Report No :	FFCLAB/22/TR-03489	Sample Drawn By:	By self

Sr. No.	Parameter	Result	Units	LOQ	Equipment use
1	1-Naphthylacetamide and 1-naphthylacetic acid	<LOQ	mg/kg	0.01	LC-MS/MS
2	2,4-D	<LOQ	mg/kg	0.01	LC-MS/MS
3	4-CPA	<LOQ	mg/kg	0.01	LC-MS/MS
4	6-Benzyl adenine	<LOQ	mg/kg	0.01	LC-MS/MS
5	Abamectin (sum of avermectin B1a, avermectinB1b and delta-8,9 isomer of avermectin B1a)	<LOQ	mg/kg	0.01	LC-MS/MS
6	Acephate	<LOQ	mg/kg	0.01	LC-MS/MS
7	Acetamiprid	<LOQ	mg/kg	0.01	LC-MS/MS
8	Afidopyropen	<LOQ	mg/kg	0.01	LC-MS/MS
9	Ametoctradin	<LOQ	mg/kg	0.01	LC-MS/MS
10	Ametryn	<LOQ	mg/kg	0.01	LC-MS/MS
11	Amisulbrom	<LOQ	mg/kg	0.01	LC-MS/MS
12	Anilofos	<LOQ	mg/kg	0.01	LC-MS/MS

Non Residue Report

Original Not Negotiable
Reference: AVES1TR2400231N



AVES
Research & Analysis Center Pvt. Ltd.

Test Report

Customer Name : Pestosys LLP
Customer Address : Pune-411001

Report Issue Date
22-Jan-2024

Sample Details Provided by Customer

Sample Name	1 Rat Run Pellets	Batch No.	1 01
Lot No.	N/A	Mfg. Date	N/A
Total No. of Bag	N/A	Exp. Date	N/A
Quantity (in MT)	N/A	Sample Packing	1 Polythene Bag
Remarks	N/A		

Sample Details Filled by AVES Lab

Sample ID	AVES1-2024-01-000231	Sampling Date	N/A
Sample Receipt Date	18-Jan-2024	Sample Quantity	1 150 gm
Analysis Start Date	18-Jan-2024	Sampling Procedure	N/A
Analysis Completion Date	22-Jan-2024	Sample Condition	1 Intact
Sampling Detail (Imported/Not Imported)	1 Sample submitted by Customer		
Sampling Location	N/A		
Remarks	N/A		

Test Result

Discipline : Chemical
Group : Animal Food And Feeds

S. No.	Tested Parameters	Unit of Measurement	Test Methods	Result
Chemical				
1	Moisture	%	IS 7974 (P-1)	4.98
2	Protein	%	IS 7974 (P-1)	11.60
3	Fat (Oil Content)	%	IS 7974 (P-1)	4.06
4	Fiber	%	IS 7974 (P-1)	14.60
5	Carbohydrates	%	IS 7974 (P-1)	73.04
6	Energy	Cal	IS 7974 (P-1)	145.33

Name & Designation of Authorized Signatory


Vikram Vikas Bagriya
(Quality Manager)

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END OF THE REPORT

Page 1 of 1

ADVANCE VISUALIZATION ECO SYSTEM RESEARCH & ANALYSIS CENTER PVT.LTD.
Jain Mansion, Opp A.P.M.C Gate No-8, Station Road, Unjha-384170 (Gujarat)
Web Address :- www.aveslabs.org.in, E-Mail ID :- quality@aveslabs.org.in Mo. 93164 31286

Protein Test Report



Certificate of Registration

This is to certify that

PESTOSYS LLP

REGISTERED ADDRESS:
FLAT NO. A102, SR NO. 47/1A, NANDAN EUPHORA, HAWALDAR MALA, DHANORI, PUNE,
MAHARASHTRA, 411015, INDIA
OFFICE ADDRESS:-
A118, 1ST FLOOR, SHOPPERS ORBIT, ALANDI ROAD, VISHRANTWADI, PUNE, 411015

has been independently assessed by IAB accreditation and is compliance with the requirement of the standard

ISO 9001:2015

Quality Management System

For the following scope of activities

RESEARCH, DEVELOPMENT, MANUFACTURING, MARKETING, DISTRIBUTION AND FIELD IMPLEMENTATION OF ORGANIC PEST MANAGEMENT, VERTEBRATE ANIMAL MANAGEMENT, WILDLIFE DETERRENCE AND SUSTAINABLE ENVIRONMENTAL PROTECTION SOLUTIONS.

Certificate Number: US-PSLL-26-150600137

To verify this certificate please visit at www.uscertifications.uk

Date of Certification 15TH JUNE 2026
Issuance Date 15TH JUNE 2026
1st Surveillance Due 14TH JUNE 2027
2nd Surveillance Due 14TH JUNE 2028
Re-Certificate Due 14TH JUNE 2029








Authorized Signatory

CAB Address : Merry Terrace Woking, London FU21 3EH UK Validity of this certificate is subject to annual surveillance audits to be done successfully This certificate is the property of U.S. Certification and shall be returned immediately on request U.S. Certification is an independent Systems Products and Personal assessment Body, U.S. Certification is a accredited by IABCERT.US



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MAHARASHTRA, 411015, INDIA
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A118, 1ST FLOOR, SHOPPERS ORBIT, ALANDI ROAD, VISHRANTWADI, PUNE, 411015

has been independently assessed by IAB accreditation and is compliance with the requirement of the standard

ISO 14001:2026

Environment Management System

For the following scope of activities

RESEARCH, DEVELOPMENT, MANUFACTURING, MARKETING, DISTRIBUTION AND FIELD IMPLEMENTATION OF ORGANIC PEST MANAGEMENT, VERTEBRATE ANIMAL MANAGEMENT, WILDLIFE DETERRENCE AND SUSTAINABLE ENVIRONMENTAL PROTECTION SOLUTIONS.

Certificate Number: US-PSLL-26-150600138

To verify this certificate please visit at www.uscertifications.uk

Date of Certification 15TH JUNE 2026
Issuance Date 15TH JUNE 2026
1st Surveillance Due 14TH JUNE 2027
2nd Surveillance Due 14TH JUNE 2028
Re-Certificate Due 14TH JUNE 2029








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International Standards ISO
9001:2015 & ISO 14001:2015
(Quality Management System)

International Standards ISO
9001:2015 & ISO 14001:2026
(Environment Management System)

Validation and Testings

Toxicity (Oral and Dermal) tested at Krish BioTech (NABL Accredited), Kolkata

Animal Out Validation At NIPHM (Wild Boar & Rat)

WILD BOAR INCIDENCE IN RICE AND MAIZE (BEFORE AND AFTER THE TREATMENT)

Plot	Crop	Area (m2)	Damaged area (m2)	Pre treatment Damage incidence (%)	Post treatment fresh damage (%)			
					1 st week	2 nd week	3 rd week	4 th Week
1	Rice	1011	120	11.87	0.00	0.00	0.00	7.42
2	Maize	1000	120	12.00	0.00	0.00	0.00	1.00
3	Maize	1200	130	10.83	0.00	0.00	0.00	10.00
4	Rice	1000	70	7.00	0.00	0.00	0.00	6.00
5	Rice	1000	125	12.50	0.00	0.00	0.00	5.00
6	Rice	1100	130	11.82	0.00	0.00	0.00	0.00
7	Rice	1500	145	9.67	6.67	10.67	9.67	7.33
8	Maize	1400	110	7.86	9.29	7.14	8.57	7.14
9	Rice	1000	115	11.50	14.50	15.50	12.50	11.50



S. No 1-6 = Treated plots (1 to 3 liquid formulation treatment & 4 to 6 Granular soil application)

S.No. 7 -9 = Control plots

As per the validation done by the National Institute of Plant Health Management (NIPHM), Hyderabad it is clearly stated that after spraying Animal Out in the fields, for up to 30 days, there were no attacks by wild boars or rodents on paddy, wheat, or maize crops. The crops remained protected.

Mean density of rodent population (LBC) in before and after the application repellents in rice fields

Treatment	Area	Pre-treatment population (LBC)	Post-treatment population (LBC)	% of population reduction
Treatment 1 (Foliar spray)	1078	9.33	2.5*	73.20
Treatment 2 (Granular application)	1213	12.66	1.83*	85.54
Control	4045	17.33	21.58 ^{NS}	-

Mean values were obtained from three replicates

The difference between Mean density of rodent population in pre and post treatment fields was statistically significant (*P<0.01)

: Magnitude of tiller damage reduction before and after the application repellents in rice fields

Treatment	Area	Pre-treatment damage (%)	Post-treatment damage (%)	% of damage reduction
Treatment 1 (Foliar spray)	1078	8.33	2.11*	79.78
Treatment 2 (Granular application)	1213	9.33	2.64*	74.71
Control	4045	12.33	10.44 ^{NS}	-

Mean values were obtained from three replicates

The difference between percentage of damage in pre and post treatment fields was statistically significant (*P<0.01)

In the rodent trials of Animal Out, it was observed that there was a significant reduction of up to 85% in the rat population, and rat-related crop damage in paddy fields decreased by up to 80%.

Validation At BSKKV Dapoli (Monkey/Langur)

The raiding frequency of both langurs and monkeys has reduced post-spraying. The pre-spraying and post-spraying raiding frequencies of langurs and monkeys are compared in figure 1. The average frequency during sprayed weeks was 31.8 raids for langurs and 16.5 raids for monkeys. There was nearly 60% and 40% reduction in raiding frequency of langurs and monkeys respectively. The reduction in raiding frequency during sprayed weeks compared to unsprayed week can be attributed to the effect of spray of the product. It must be noted here that the pre-spraying data is for one week only whereas the post-spraying data is for 6 weeks.

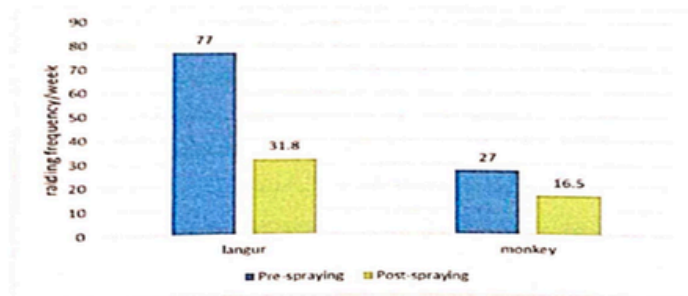


Fig.1. Raiding frequency of langurs and monkeys compared before spraying and after spraying of the repellent.

According to Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (Agricultural University), the use of Animal Out spray led to a **60% reduction in attacks by monkeys, langurs, and other primates in mango orchards.**

White Gel Validation At BSKKV Dapoli (Cockroach)

Sr. No.	Places	Pre-count	No. of cockroaches trapped		
			24 hours	48 hours	72 hours
1.	Sweet mart	34	12	02	00
2.	Super market	22	08	04	00
3.	Hotel	41	22	07	00
4.	Production house	38	16	05	00
5.	Society (residence)	15	04	00	00

According to testing and certification by Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (BSKKV), White Gel showed **remarkable results in reducing cockroach infestation by 100% within 48 hours** at various locations such as **sweet marts, hostels, production units, residential societies, and hotels.**

Rat Run Green Bait Validation At GKVK Bangalore (Bandicoot - Rat)

3. Results: Laboratory Conditions A). No Choice: In the evaluation of rat run pellets under no choice conditions the results revealed that the pellets were effective in repelling the rodents with a repellent index of 96.02 per cent in <i>Bandicota bengalensis</i>, 92.34 per cent in <i>Mus musculus</i> and 92.00 per cent in <i>Rattus rattus</i>. There was a meagre consumption of pellets in the initial days which was found to be forcible and the animals starved in which they avoided the cage containing the rat run pellets. Rehabilitation for 2 days was provided when the animals started to faint due to starvation. After the 15 days of evaluation the animals were alive and the weight of the animal decreased in the animals exposed to pellets due to starvation and the weight increased in the animals of control group (Table 1.2 & 3).	
5. Recommendation: Rat run pellets are effective in repelling rodent pests such as <i>Bandicota bengalensis</i>, <i>Mus musculus</i> and <i>Rattus rattus</i>. Rat run pellets are effective in repelling rodents in storage conditions, commercial cateries and hostels. The pellets are safe and no mortality of rodents were observed.	Field conditions A) Seed godown In the evaluation of rat run pellets under the bi choice conditions in the seed godown the mean trap index in treatment was found to be 4.07 and in control it was found to be 10.59. The mean repellence per cent was 90.71 per cent with mean rat run pellet consumption of 4.07 g per bowl and there was a nil consumption of rat run pellets after 5th day of the treatment. The mean cereal bait consumption in treatment was 12.63 g per bowl and in control 13.85 g per bowl was recorded (Table 7).



According to GKVK Bengaluru Agricultural University, Rat Run Green Bait was found to be highly effective in **reducing the population of Bandicota (large rodents) and Rats by 92–96% in seed warehouses, hostels, kitchens, and bakeries.**

MPKV, Rahuri– Study and Findings

11. Concluding Remarks:

- Eighteen days study in the farm seed godowns of three locations revealed that the rat run green bait was found safe and no mortality of rats was recorded.
- Daily rat run green bait consumption was observed at all the three locations indicated the rat presence.
- From the present trial, it is concluded that the rat run green bait is useful for management of rat activity in farm seed storage godown.

Days after treatment	Date Aug 2022	Rat presence noticed in corners (sightings)		Rat Droppings Count		Rat Gave marking on bags		Rat Damaged Bags		Fresh Rat marking on barrier sheet		Rat Burrows Presence		Initial bait wt. (g)	Final bait wt. (g)	Remarks
		Control area	Bait treated area	Control area	Bait treated area	Control area	Bait treated area	Control area	Bait treated area	Control area	Bait treated area	Control area	Bait treated area			
1	5	1 Rat	1 Rat	2	02	1	1	3 Bags Damaged	No	-	-	No	No	-	-	-
2	6	4 Rats	3 Rats	2	-	3	No	3 Bags Damaged	No	-	Yes	No	No	1080	980	100 g Bait eaten
3	7	4 Rats	2 Rats	2	-	3	No	3 Bags Damaged	No	-	Yes	No	No	1090	950	50 g Bait eaten
4	8	2 Rats	2 Rats	-	-	3	No	3 Bags Damaged	No	-	Yes	No	No	1040	1020	20 g Bait eaten
5	9	6 Rats	4 Rats	2	-	2	1	3 Bags Damaged	1 Bag Damaged	-	Yes	No	No	1025	980	45 g Bait eaten
6	10	Observations not recorded														
7	11	2 Rats	3 Rats	1	2	4	4	4 Bags Damaged	4 Bags Damaged	-	Yes	No	No	1080	1030	30 g Bait eaten
8	12	1 Rat	-	-	-	2	No	3 Bags Damaged	No	-	Yes	No	No	1030	915	115 g Bait eaten
9	13	-	-	-	-	1	No	No	No	-	Yes	No	No	1020	1020	-
10	14	-	1 Rat	4	-	2	2	2 Bags Damaged	2 Bags Damaged	-	Yes	No	No	1015	975	40 g Bait eaten
11	15	-	-	-	-	-	No	No	No	-	Yes	No	No	1015	1015	-
12	16	4 Rats	3 Rats	-	-	3	4	2 Bags Damaged	4 Bags Damaged	-	Yes	No	No	1040	1015	25 g Bait eaten
13	17	Observations not recorded														
14	18	2 Rats	5 Rats	2	3	3	6	3 Bags Damaged	4 Bags Damaged	-	Yes	No	No	1010	1000	10 g Bait eaten
15	19	2 Rats	1 Rat	-	4	4	4	4 Bags Damaged	4 Bags Damaged	-	Yes	No	No	1060	1040	20 g Bait eaten
16	20	-	-	-	-	No	No	No	No	-	Yes	No	No	1025	1025	-
17	21	-	-	-	-	No	No	No	No	-	Yes	No	No	1020	1020	-
18	22	-	-	-	-	No	No	No	No	-	Yes	No	No	1015	1015	-



As per MPKV Rahuri, the 18-day study across three locations **confirmed that Rat Run Green Bait is safe, non-lethal and effective for managing Rats in Seed Storage Godowns.**

Joint Trials with CIPM centres under PPA

CIB&RC (2024) Minutes of the 459th Registration Committee Meeting, 3 October 2024. As per the 459th RC Meeting Minutes of CIB&RC (2024), M/s Pestosys LLP Presented its Products Animal Out and Rat Run Green Bait, which were appreciated by the Committee and Chairman (CIB&RC, 2024) as per mentioned in govt minutes of 459.



Reference:

CIB&RC (2024) Minutes of the 459th Registration Committee Meeting, 3 October 2024

Minutes of 459th RC meeting held on 03.10.2024

MINUTES OF THE 459th REGISTRATION COMMITTEE MEETING HELD ON 03.10.2024

The 459th meeting of the Registration Committee (RC) was held under the Chairmanship of Dr. P. K. Singh, Agriculture Commissioner & Chairman, Registration Committee on 03.10.2024 at 10:00 hrs onwards in PPA Secretariat, DPPQ&S, Faridabad wherein, Dr. J. P. Singh, Plant Protection Adviser, DPPQ&S, Faridabad; Dr. Kailash Chand Meena, ADC (I) (Representative of Drug Controller General of India) New Delhi; Dr. Vandana Tripathy, Project Coordinator, AINP, Pusa, New Delhi and Dr. Archana Sinha, Secretary, CIB&RC attended the meeting.

Experts/Officers from the Secretariat of CIB&RC participated for assisting the RC were Dr. Vandana Seth, JD (Chem); Dr. K.L. Gurjar JD (PP); Sh. Hariom Miglani, Sr. LO; Sh. Govind Ram, Sr. AO; Dr. Sneha Potdar, DD (Chem); Dr. Brijesh Tripathi, DD (Chem); Dr. Swatantra DD (Medical Tox.); Dr. T. Sonai Rajan, AD (Ento); Dr. Swati Som, Assistant Director (Medical Tox.); Sh. A. D. Bhatt, PPO (Chem); Sh. Durga Prasad, PPO (PP); Dr. S. K. Jain, Sr. Consultant (Medical Tox.); Dr. Rahish Ahmad Sr. Consultant (Medical Tox.).

At the outset, Chairman welcomed the members and asked Secretary, CIB&RC to take up the agenda for deliberations. The decisions taken by the RC are as under:

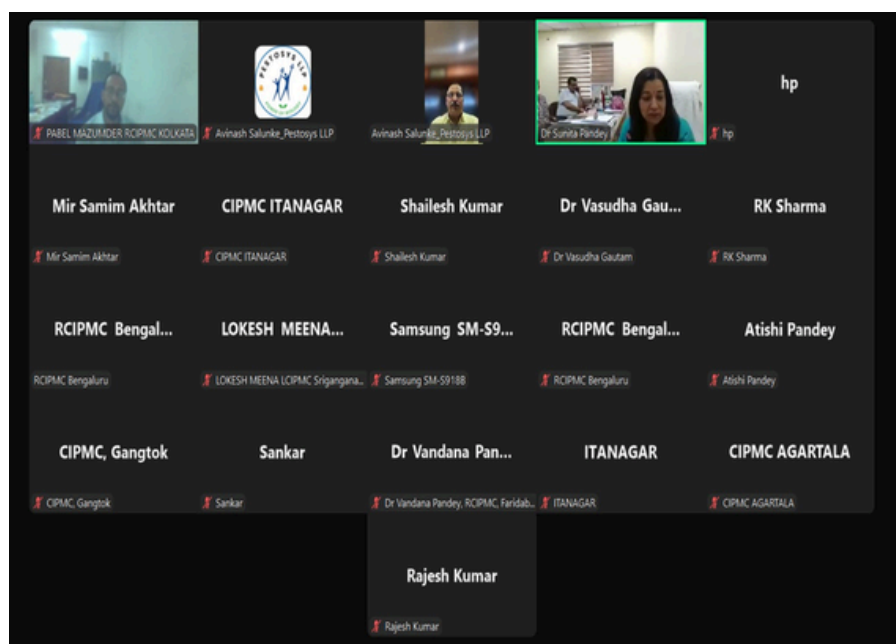
Agenda Item No.	Particulars of Agenda
1.0	Confirmation of minutes of 458th RC meeting.
	RC deliberated the minutes of its 458 th meeting and confirmed the same with some modifications/corrections: Agenda item No. 4.6 & 4.7: In the subject of these agenda the word "indigenous manufacture for export" shall be read as "import for export"
2.0	Presentation
2.1	Presentation by M/s Pestosys LLP for registration of Animal out and Rat Run Green Bait.
	Sh. Avinash Salunke, M/s Pestosys LLP made a presentation about his two products "Rat Run Green Bait and Animal Out" claimed to be botanical preparations. He presented composition and impact of the products. RC appreciated the work of Sh. Salunke and suggested following: 1. To conduct multilocation trials, involving IPM, CIPM, Ganga...



Our Director with Agriculture Commissioner and Plant Protection Adviser, Government of India, at the 459th RC Meeting, Krishi Bhawan, New Delhi.

Online Meeting with Hon. PPA Sir & CIPM Centre's

Initiated under the leadership of the Plant Protection Adviser (PPA), as recommended in the CIB & RC 457th Meeting



- Online Meeting held on 1st October 2025
- Chaired by the Hon'ble Plant Protection Adviser (PPA), (GOI)
- Heads of all National & Regional IPM Centres participated
- Successfully trials initiated with IPM Centres

1.CIPMC, Gangtok (Sikkim)

Products supplied to 20 farmers by CIPMC team; positive results observed and Feedback Received and shared with Hon. PPA.

Feedback of Rat Run Green Bait:

Though, during winter months' rats are not a major issue at open crop fields, they cause nuisance and huge damage to store grains and spices inside household. Initial feedback of farmers confirmed that after using Rat Run Green Bait as per protocol rats stopped coming to and around storage areas.

Feedback of Animal Out:

As, most of the small fields are adjacent to forest areas in this village, farmers were facing crop loss from below (cassava roots) and upper soil damages caused by wild animals. CIPMC, Officials when interacted with farmers regarding Animal Out got very positive feedback. Farmers pointed out that porcupines and wild monkeys have stopped coming to their fields after application of the product.



Application of products by farmers at fields and around households



Product distribution of demonstration of application by CIPMC, Gangtok officials

Feedback of Rat Run Green Bait:

Farmers applied this green bait indoor, mostly around stored grains, spices and seed materials where rat problem was moderate to severe for last many years. Visual observations of farmers as shared is rats have stopped visiting the areas where this granule were applied. Also, some of them used outdoor and found satisfactory results.

Feedback of Animal Out:

As, shared by Asish Gurung, Rupa Sharma and few others Animal Out was applied as per demonstration and prescribed dosage. This product has strong pungent smell and successfully acted as repellent/deterrent for wild animals from their field. Hence, saved crop damage and loss caused earlier by them.



Product distribution of demonstration of application by CIPMC, Gangtok officials



Application of products by farmers at fields and around house holds

2.CIPMC, Martam village,Gangtok (Sikkim)



Positive results observed during farmer field trial Feedback Received and shared with Hon. PPA.

“Feedback video is also available in the Nepali language. To watch it, please visit our YouTube channel.”

3. CIPMC, Shillong

Products supplied to 6+ farmers; trials Successful report being prepared to be sent to Hon. PPA.

Based on farmer feedback, Pestosys pest management products have demonstrated satisfactory to excellent performance under field conditions. The products effectively controlled insect pests and rodents in both crop fields and storage environments. Overall farmer acceptance remains high. Continued awareness and safety training may further enhance product adoption and user satisfaction.



4. RCIPMC, Faridabad

Trials with 20+ acres and in-house office trials; positive feedback received and shared with Hon. PPA.

Feedback of Animal out: Farmers were facing crop loss and upper soil damages caused by wild animals. Our team interacted with farmers regarding the feedback on Animal Out and got positive feedback. Farmers pointed out animals (Neel gai) have stopped coming to their fields after application of the product.

Feedback on Rat out Gel and Rat run Green Bait for official use: Rats were causing damage to the biological cultures and other stored grains used for laboratory purpose. After the use of both products, our team noticed less incidence of rats in the office however no dead rats were observed.



5. CIPMC, Indore

Products supplied to 8+ farmers; Positive feedback received and shared with Hon. PPA.

Feedback of Rat Run Green Bait:

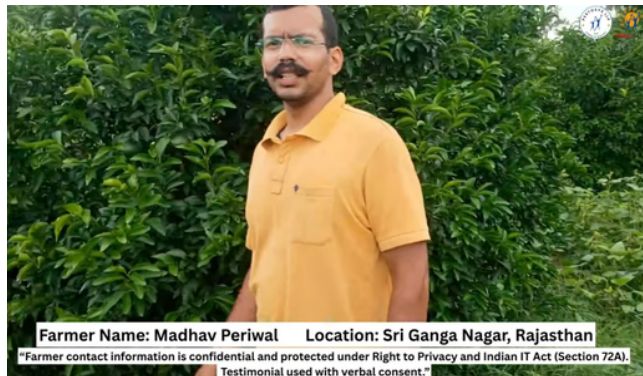
Farmers, who have applied this product, have observed reduced to nil rodent activity visually and are satisfied with indoor and outdoor application of the product.

Feedback of Animal Out:

As, shared by Mr. Banty Bodana and few others Animal Out was applied as per demonstration and prescribed dosage. This product has strong pungent smell and successfully acted as repellent/deterrent for wild animals from their field for 4-5 days after application.



6. LCIPMC, Sri Ganganagar (Rajasthan)



Positive results observed during farmer field trial under LCIPMC (Rajasthan).

Feedback Received and shared with Hon. PPA.

7. LCIPMC, Hyderabad

During the trial period, farmers observed noticeable control over Wild Boar activity and expressed satisfaction with the product's performance. Regular application helped in maintaining protection and minimizing crop losses.

As per the feedback received, the farmers applied Animal Out according to the demonstration and recommended dosage provided during the field programme. Farmers reported that the product has a strong pungent smell, which effectively acted as a repellent/deterrent against wild boars entering their fields. As a result, farmers observed a reduction in crop damage and losses that were previously caused by wild boar attacks.

Overall, the farmers expressed satisfaction with the demonstration and the performance of the product, and appreciated the initiative taken by CIPMC Hyderabad in addressing the wild boar problem through eco-friendly pest management practices.



Group photograph of farmers and officials at the demonstration site



Providing instructions to farmers on the proper use of the product as per SOP



Distribution of the product to selected farmers for evaluation

8. CIPMC, Hyderabad (Mahaboobnagar)

Farmers Feedback

During the trial period, the farmers remained in regular contact with the officials of CIPMC, Hyderabad through telephone for any guidance or assistance regarding the application of the product and its field performance.

As per the feedback received, the farmers applied Animal Out according to the demonstration and recommended dosage provided during the field programme. Farmers reported that the product has a strong pungent smell, which effectively acted as a repellent/deterrent against wild boars entering their fields. As a result, farmers observed a reduction in crop damage and losses that were previously caused by wild boar attacks.



Providing instructions to farmers on the proper use of the product as per SOP and Distribution of the product to selected farmers for evaluation

Farmers observed reduced crop damage after the application of Animal Out. The product effectively acted as a Repellent against wild boars, and positive feedback was received during CIPMC field demonstrations.



Field-level demonstration on the use of Animal Out

9. CIPMC, Hyderabad(Nareguda , Nawabpet, Vikarabad Telangana)

As per the feedback received, the farmers applied Animal Out according to the demonstration and recommended dosage provided during the field programme. Farmers reported that the product has a strong pungent smell, which effectively acted as a repellent/deterrent against wild boars entering their fields. As a result, farmers observed a reduction in crop damage and losses that were previously caused by wild boar attacks.

Farmers observed reduced crop damage after the application of Animal Out in tomato fields. Positive feedback was received regarding its effectiveness in deterring wild boars, and farmers appreciated the eco-friendly solution demonstrated under CIPMC Hyderabad guidance.

Photograph's taken during distribution and demonstration of Anima Out:



Providing instructions to farmers on the proper use of the product as per SOP & distribution of the product to selected farmers for evaluation

Group photograph of officials and farmers at the demonstration site

10. LCIPMC, Raipur

Products supplied to 20 farmers by CIPMC team; positive and outstanding results were observed were no Animals entered fields at all, Similar report has been shared with Hon. PPA.

CIPMC Raipur Technical staff is currently running Farmer Field Schools (FFS) in various villages, and in the ones where we have already conducted the sessions, we have distributed Pestosys LLP (Animal Out) to the farmers. These areas have long struggled with stray animals like cows, Monkey and nilgai damaging rice crops. But we stuck to the SOP you provided, explained it clearly to the farmers together, and they applied the spray. The results were outstanding no animals entered the fields at all. The fields stayed completely protected, preventing the kind of crop losses we had seen before. This spray ensured zero damage. In villages across the Khairagarh-Chuikhadan-Gandai district, monkey attacks used to be a major headache. Following the SOP method and spraying as advised slashed those attacks, keeping crops intact. It worked the same way on bunds and fences around vegetable and wheat crop fields, blocking out all animals and saving the vegetable from stray cows and wild nilgai like in the Animals . One spray did the trick and brought huge relief the farmers couldn't thank you enough.



11. LCIPMC, Bengaluru

Farmers applied Animal Out in crops like Maize, Banana, Chilli, and Arecanut where wild animals such as Boars, Monkeys, Porcupines, Squirrels, Rats, and Peacocks caused moderate to severe damage.

They observed that these animals stopped visiting the treated areas, with visible reduction in crop damage within a short period.

Overall, farmers reported satisfactory results, highlighting its effectiveness in protecting crops and reducing losses naturally.

Feedback of Animal Out:

Farmers applied this Animal Out, mostly around Arecanut, Banana and Maize crops around field where squirrels, rats, porcupines, peacock and boars problem was moderate to severe for last many years. Visual observations of farmers as shared is squirrels, porcupines, rats and boars have stopped visiting the areas where this Animal Out were applied and found stopped coming to field for one week satisfactory results. Hence, saved crop damage and loss caused earlier by them.



Field Visit Report – Union Territories of Jammu & Kashmir



Government of Jammu and Kashmir

Dates: 24th April 2026 – 25th April 2026

Submitted To: Hon. Director Horticulture, Jammu

1. Visit Overview

This report summarizes the field visits conducted by the Pestosys team in Jammu & Akhnoor regions. The purpose of the visit was to introduce Organic Pest Management solutions, conduct field demonstrations, and engage with farmers and horticulture officials for sustainable pest control practices.

2. Department Coordination

- **Jammu (24-04-2026):**
 - Coordinator: Mr. Rakesh Sen Gupta
 - Under supervision of: Mr. Sunil Gupta (Assistant Director)
- **Akhnoor (25-04-2026):**
 - HDO: Mr. Sandeep Sharma

3. Team Pestosys LLP

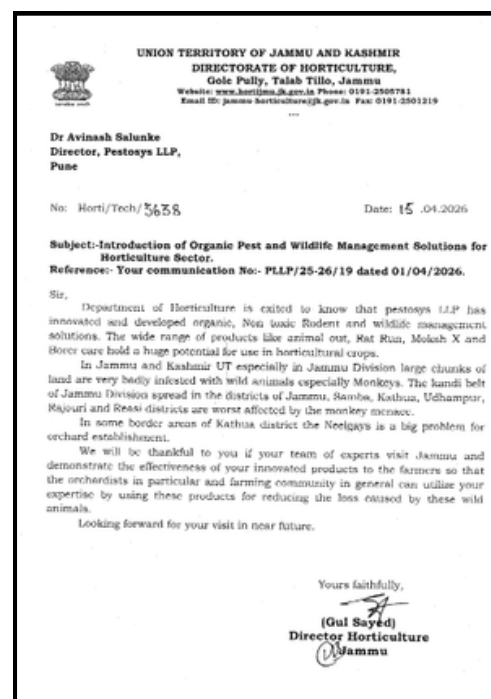
- Mr. Mayur Shinde & Mr. Amol Gangad

4. Travel & Locations Covered

- **24-04-2026:**
 - Arrival at Jammu.
 - Visit to Horticulture Department Office, Jammu
 - Field locations: Sunjwan & Chatha Gaon
- **25-04-2026:**
 - Visit to Akhnoor Zone, District Jammu
 - Field locations: Balgara Gaon & Talgaha Gaon

5. Special Expert Involvement

Dr. Purushottam Hendre (IMA, Jammu)



Official invitation from the Directorate of Horticulture, Jammu & Kashmir, to present innovative organic pest and wildlife management products.

6. Activities Conducted

Across both days, the following key activities were carried out:

- Introduction to Pestosys Organic Pest Management Solutions
- On field demonstration of Vertebrate Pest Management (VPM) techniques
- Interaction with farmers to understand pest-related challenges
- Planning and execution of field demonstrations
- Discussion on advanced solutions like AI-IoT based Wildlife Management Systems

7. Field Demonstrations

Day 1 – Jammu (24-04-2026)

- Sunjwan (Temple Area)
- Chatha Gaon
- Application on Mango Plants (above 1 meter height)

Day 2 – Akhnoor (25-04-2026)

- Balgara Gaon
- Talgaha Gaon (7 Hectares)

8. Product Trials & Demonstrations

- **Animal Out** – Field trials conducted for vertebrate pest control
- **Snake Out** – Demonstration and awareness provided
- **Bird Repellents** – Introduced for fruit crop protection
- Additional Pestosys products showcased for future trials

9. Key Outcomes

- Strong positive response from farmers and officials
- Increased interest in organic and non-toxic pest control solutions
- Successful demonstration of practical field applications

10. Conclusion & Remarks

The two-day field visit was highly **successful in demonstrating** the effectiveness of Pestosys Organic Pest Management solutions.

Active participation from **farmers, support** from the Directorate of Horticulture (Union Territories of J&K), and involvement of technical experts have created a strong foundation for future collaboration, awareness programs and expansion across the Jammu & Akhnoor.



CASE STUDY:

Case Study: Rodent Control at MSAMB, (Maharashtra State Agricultural Marketing Board) Pune.



Client: Maharashtra State Agricultural Marketing Board (MSAMB)

Problem

Severe rodent infestation in a 5-floor office near Pune APMC market. Rodents damaged wiring, nested in POP ceilings, and posed risks to agricultural data servers.

Solution

Pestosys LLP deployed Rat Run Green Bait (organic, non-toxic) in:

- POP ceilings, ducts, kitchen, bins, inner gardens, and data room
- RTU units were provided to housekeeping for use near fuse boxes and wiring
- Supervised and Guidance by Shri. Sudhir Kosalge (Dy. GM) and Shri. Vinayak Kokare (GM)



Feedback Letter

Results

- No rodent movement or dead smell in POP areas
- No recurrence of wiring damage
- Letter of Appreciation issued on 30 April 2025

Client Note

"No smell indicating death or damage to wiring... we appreciate the effectiveness of Pestosys LLP's organic pest control solution."



Key Impact: Demonstrated eco-friendly rodent control in a high-risk, data-sensitive building next to an active APMC hub.

Case Study: Animal Out Trial by CREA Foundation, Tamil Nadu



Client:

Centre for Research in Environment and Agriculture (CREA), Trichy, Tamil Nadu

Problem

Farmers in Manapparai and Thiruverumbur blocks of Tamil Nadu reported major crop damage due to wild bison and rodents, especially in groundnut fields. Daytime raids by wild animals had become a serious threat to yield and food security.

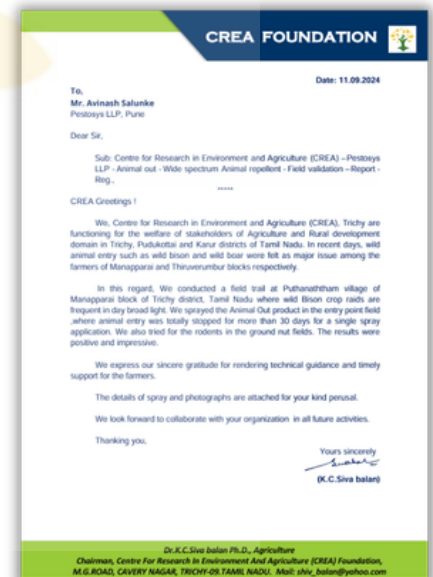
Solution

CREA conducted a field trial of Animal Out – Natural Animal Repellent (by Pestosys LLP) at Puthanaththam village, Trichy.

- Date of Spray: 06 August 2024
- Crop: Groundnut
- Area Covered: 5 Acres
- Dosage: 1 ml per litre of water
- Application: Single spray at animal entry points

Results

- Zero animal entry for 30 days from a single spray
- Rodent activity visibly reduced in the trial plots
- Local farmer reported high satisfaction



Feedback Letter



Case Study: Animal Out Trial at Zonal Research Station(ICAR), Pune

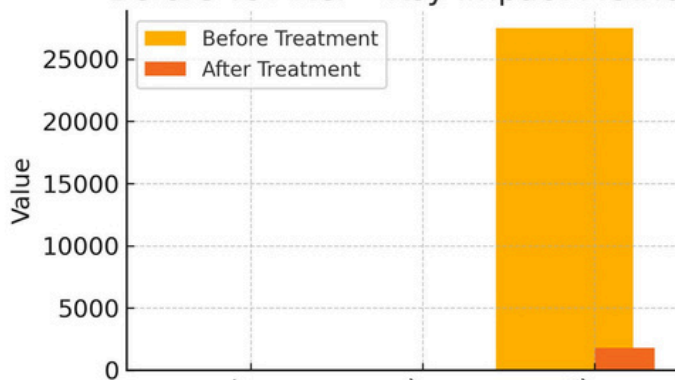
Pestosys LLP – Impact Evidence: Before-and-After Data Institutional Proof – ZRC Rahuri Trial (Aug–Sept 2024)–



• Quantified Impact Snapshot

Metric	Before Treatment	After Treatment
Avg. Wild Boar/Nilgai incursions per week	6.5	0.5
Median crop damage % (season)	16.2	1.4
Avg. revenue loss per acre (₹)	27,500	1,800

Before vs After – Key Impact Metrics



Avg. boar/nilgai incursions per week
Median crop damage % (season)
Avg. revenue loss per acre (₹)



To,
The Pestosys LLP
A-118, Shoppers Orbit,
Vidyanagari, Pune-411015

We are pleased to express our appreciation to Pestosys LLP for their Product Animal Out, which was applied across various parts in and around the designated areas of the Farm, Staff Quarters, Nursery and Offices. The Spray was monitored, and the results were reported till date on 26 Sep 2024 under the supervision of Mr. Kolhe Sir, along with his Staff and Security Team.

These areas were heavily infested with Wild Stray Animals, primarily Wild Boars, which had been causing extensive damage to Property and Crops. Despite numerous attempts to mitigate the issue through various methods, all prior efforts had consistently failed to provide a lasting solution. However, with the application of Animal Out by Pestosys LLP, we have observed a significant reduction in the presence of Wild Animals. The Repellent has successfully prevented further damage, demonstrating its effectiveness.

We are Pleased to inform you that the results have been Positive and Effective. This achievement brings us one step closer to controlling Wild and Stray Animal attacks on Farms, while promoting the use of Organic, Non-chemical and Non-Lethal Products.

Below is the summary of the areas where the Product was Sprayed, along with the results observed:		
Sr. No.	Area Sprayed	Result Observed
1	Security Room	Wild Boar not entered after Spraying
2	Back Sides Staff Quarters	Wild Boar not entering from the Wall Compound
3	Nursery Offices (1.2) Compound	Wild Boar not coming inside the Nursery
4	Main Gate	Wild Boar not coming in the Main Gate
5	Mali School	Wild Boar not coming till date.

We would also like to highlight that this trial was conducted under a Memorandum of Understanding (MOU) between Pestosys LLP, Pune and MPKV, Rahuri, aimed at advancing Research and development in the field of Agricultural Plant Protection. The success of this initiative is a progressive outcome that strengthens our Joint Commitment to Innovation and the well-being of the Agricultural Community.

Garden Superintendent,
Zonal Agricultural Research Station,

Institutional Validation Example – ZRC Pune

- Baseline: 8 wild-boar incursions/week (July 2024)
- After Pestosys treatment: 0 incursions in 30 days
- Baseline crop damage: 12% – After treatment: 0%
- Independent report & Appreciation letter.

Feedback Letter

Field Deployments – Summary

- 1,100 individual & FPO farmers protected across 15 districts
- 15 large estates/campus demos – all report 85–100% pressure reduction
- Video graphical testimonial of KVK Sangli, MPKV Rahuri (Guidance of Ex. HOD Agro Shri. A. Solanke Sir), ZRC Pune.



CASE STUDY: Effective Management of Red Ants in Grape Farms Using Ant Gel – A Natural IPM Approach (Sahyadri FPO)

📌 Client:

Sahyadri Farms, Nashik, Maharashtra
(Trial conducted in association with Pestosys LLP)



🔍 Problem

Grape farmers in Nashik district were facing severe infestation of red ants (fire ants) in their orchards.

The ants were damaging vines, hampering plant health, and increasing the risk of spreading other pests. Existing chemical methods were either unsafe for grapes or ineffective for long-term control.

🔧 Solution

A field trial of Natural Ant Gel (by Pestosys LLP) was conducted across 5 locations under the guidance of Sahyadri Farms and Pestosys field experts.

Trial Period: July–August 2022

Crop: Grapes

Area Covered: 1 Acre per 500 ml

Application: Spot baiting with Ant Gel + sugar/puffed rice as bait carrier

✅ Results

- 100% reduction in red ant activity within 24 hours
- No re-infestation observed for several weeks
- No adverse impact on grape plants or surrounding environment
- Farmers expressed high satisfaction and recommended large-scale usage

👨‍🌾 Participating Farmers

- Dnyaneshwar Shinde (Nandgaon)
- Yogesh Bhusar (Warkheda)
- Pappu Dighe (Warkheda)
- Sudam Shinde (Sonari)
- Suresh Rokade (Nandgaon)

🎥 Farmer Video Testimonials:

[Click Here to watch the full video](#)



CASE STUDY: Natural Rodent Control That Works

Prakashgad, Mumbai Eliminates Rats Without Using Poison

📍 Client:

Prakashgad Administrative Building, Mumbai
(Government facility where rodent infestation was reported in office areas)



MSEB HOLDING COMPANY LTD

🔍 Problem:

The administrative premises at **Prakashgad, Mumbai** were facing persistent **rodent issues** – including sightings, droppings, nibbling marks, and disturbances from rodent activity. The infestation posed a **health risk**, disturbed staff operations, and violated building hygiene norms.

🔧 Solution:

A controlled treatment trial using Rat Run Green Bait – a natural, non-poisonous, NPOP-certified rodent control product developed by Pestosys LLP – was carried out across the identified hotspots.

 **Treatment Date:** 26 July 2025

 **Application Zones:** Corners, known rodent hideouts, and activity-prone areas

 **Product Used:** Rat Run Green Bait

 **Safety Protocol:** All standard safety norms followed during application

✅ Results:

- ✓ Rodent activity was significantly reduced
- ✓ No further sightings, droppings, or rodent noises reported after treatment
- ✓ No health or safety issues observed during or after application
- ✓ Building authorities expressed full satisfaction with the outcome

🗣️ Official Feedback:

“Rodent activity visibly decreased. No safety issues. We are satisfied with the treatment.”

– Facility Representative, Prakashgad Mumbai (as per signed feedback form)

Feedback Form (Rat Run Green Bait) at PRAKASHGAD, Mumbai

Date: / / 2025

1. Basic Details

Location: All floor + Canteen	Department:	Treatment Completed Before: I On (24 / 05 / 2025) II On (16 / 07 / 2025) On (/ 09 / 2025)
----------------------------------	-------------	--

Name of Official: Prakashgad Koli
Designation: Prakashgad Admin Treatment No: 11 Treatment Date: 26 / 07 / 2025

2. Treatment wise Observation Records

Floor/Location	Rodents Seen	Droppings	Nibbling Marks	Sound Heard	Dead Rats Found
Ground Floor	Medium	No	Little	No	Medium
1st Floor	Low	No	No	Low-No	No-Low
2nd Floor	Low	Low	No	Low-No	No
3rd Floor	No	No	No	No	No
4th Floor	No	No	No	No	No
5th Floor	No	No	No	No	No
6th Floor	No	No	No	No	No

3. Treatment Execution Info

Action Taken	Yes / No	Remarks
POP baiting done	Yes	
Bait placed in corners and previous rodent activity spots	Yes	
Application of "Rat Run Green Bait" (NPOP Certified)	Yes	
Safety norms followed	Yes	

CASE STUDY: Hospital Goes Rodent-Free Naturally

Drupadabai Murlidhar Hospital, Dapodi, Implements Rat Run Green Bait Successfully (pune municipal corporation)

Client:

Drupadabai Murlidhar Hospital (PMC), Dapodi, Maharashtra



Problem:

The hospital was facing a serious issue of rodent infestation, with staff reporting:

- Rat sightings in multiple corners
- Droppings and gnaw marks in hospital storage and patient areas
- Safety and hygiene concerns for both patients and staff

Rodent presence in healthcare environments poses major health risks including contamination, bites, and damage to medical equipment.

Solution:

The hospital partnered with Pestosys LLP to trial a natural rodent management approach using their innovative product – Rat Run Green Bait, which is:

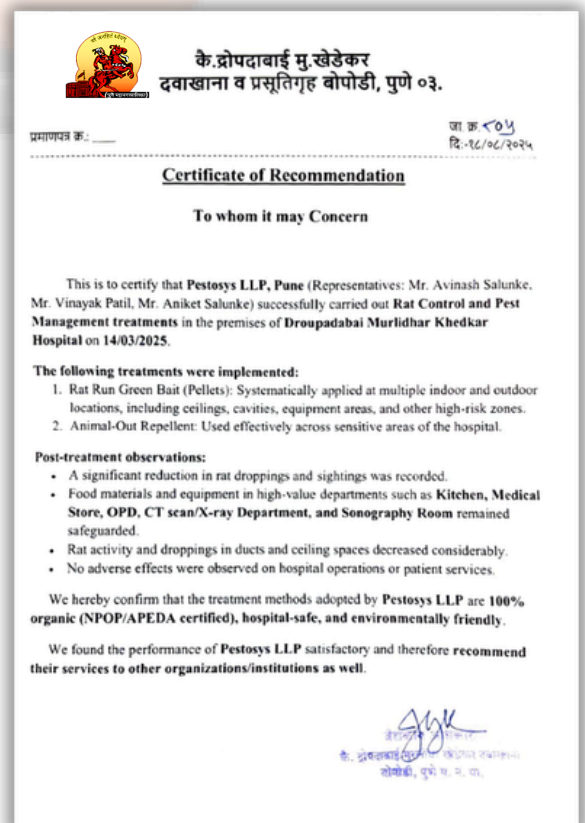
-  Non-poisonous
-  NPOP certified (India Organic)
-  Safe for indoor and sensitive environments like hospitals

 **Treatment Date:** March 2025

 **Application Areas:** Wards, stores, corners, near electrical wiring & behind medical equipment

 **Dosage & Placement:** Applied directly to rodent-active locations using bait placement method

 **Safety Measures:** Strict hygiene protocol followed during application



के.द्रुपदाबाई मुखेडकर
दवाखाना व प्रसूतिगृह बोपोडी, पुणे ०३.

प्रमाणपत्र क्र.: _____ दि. १८/०८/२०२५

Certificate of Recommendation

To whom it may Concern

This is to certify that **Pestosys LLP, Pune** (Representatives: Mr. Avinash Salunke, Mr. Vinayak Patil, Mr. Aniket Salunke) successfully carried out **Rat Control and Pest Management** treatments in the premises of **Drupadabai Murlidhar Khedkar Hospital** on 14/03/2025.

The following treatments were implemented:

1. Rat Run Green Bait (Pellets): Systematically applied at multiple indoor and outdoor locations, including ceilings, cavities, equipment areas, and other high-risk zones.
2. Animal-Out Repellent: Used effectively across sensitive areas of the hospital.

Post-treatment observations:

- A significant reduction in rat droppings and sightings was recorded.
- Food materials and equipment in high-value departments such as **Kitchen, Medical Store, OPD, CT scan/X-ray Department, and Sonography Room** remained safeguarded.
- Rat activity and droppings in ducts and ceiling spaces decreased considerably.
- No adverse effects were observed on hospital operations or patient services.

We hereby confirm that the treatment methods adopted by **Pestosys LLP** are **100% organic (NPOP/APEDA certified), hospital-safe, and environmentally friendly**.

We found the performance of **Pestosys LLP** satisfactory and therefore **recommend** their services to other organizations/institutions as well.


डॉ. द्रुपदाबाई मुखेडकर
मुख्य चिकित्सक, दवाखाना व प्रसूतिगृह, बोपोडी, पुणे ०३.

CASE STUDY: Organic Wildlife Damage Control in Sugarcane by Implementing Animal-Out Successfully (Sugar Commissioner, Maharashtra State)



Client: Multiple sugar factories (co-operative & private) across Maharashtra; outreach to 204 SSKs to assess animal problems.

Problem

- Wildlife intrusion—especially wild boar—was causing significant cane loss; other issues included rats, monkey, elephant, bison, and snakes reported by contacted factories (count of issues logged: wild boar 102; rats 55; monkey 6; elephant 4; bison 5; snakes 2; total 181). Losses directly impacted farmer income and factory cane availability.

Solution

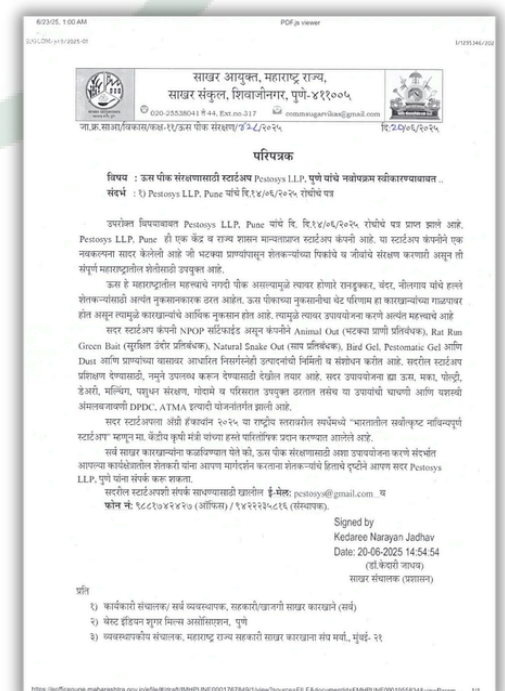
- Deploy Animal Out (NPOP-certified organic vertebrate repellent) as a barrier spray, delivered with SOP training and monitoring; classify outcomes by SOP adherence (correct dilution & re-application).

Method

Direct on-field outreach to farmers; 19 farmers engaged across 6 SSK regions (July 2025). Outcomes categorized by SOP compliance.

Results

- 11 farmers reported positive protection with SOP-compliant use covering 16.5 acres; 3 farmers reported problems due to excessive dilution; 1 farmer had not yet used at the time of follow-up (15 used + 1 pending).
- Estimated cane safeguarded $\approx$ 528 tons (16.5 acres $\times$ $\sim$ 32 t/acre).**

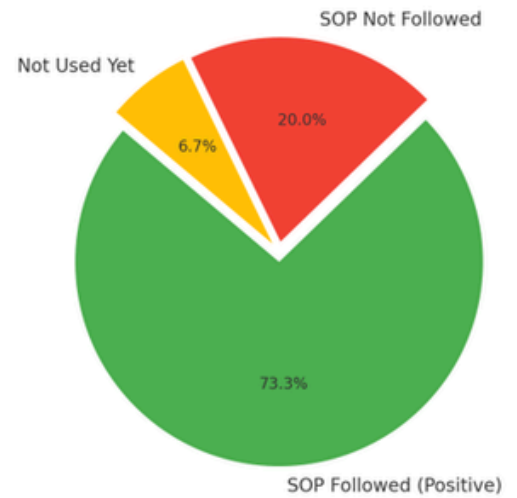


CASE STUDY: Organic Wildlife Damage Control in Sugarcane by Implementing Animal-Out Successfully

Application Details (for replication)

- Treatment window: July 2025 (field trials).
- Application areas: Perimeter & row barriers in cane fields; signage and re-spray schedule per SOP.
- Dosage & placement: Follow prescribed dilution; maintain barrier continuity; repeat after heavy rains. Non-compliance (over-dilution) led to poor outcomes.
- Safety: Plant-based, NPOP-certified; suitable around rural habitats; promotes safe, sustainable pest deterrence.

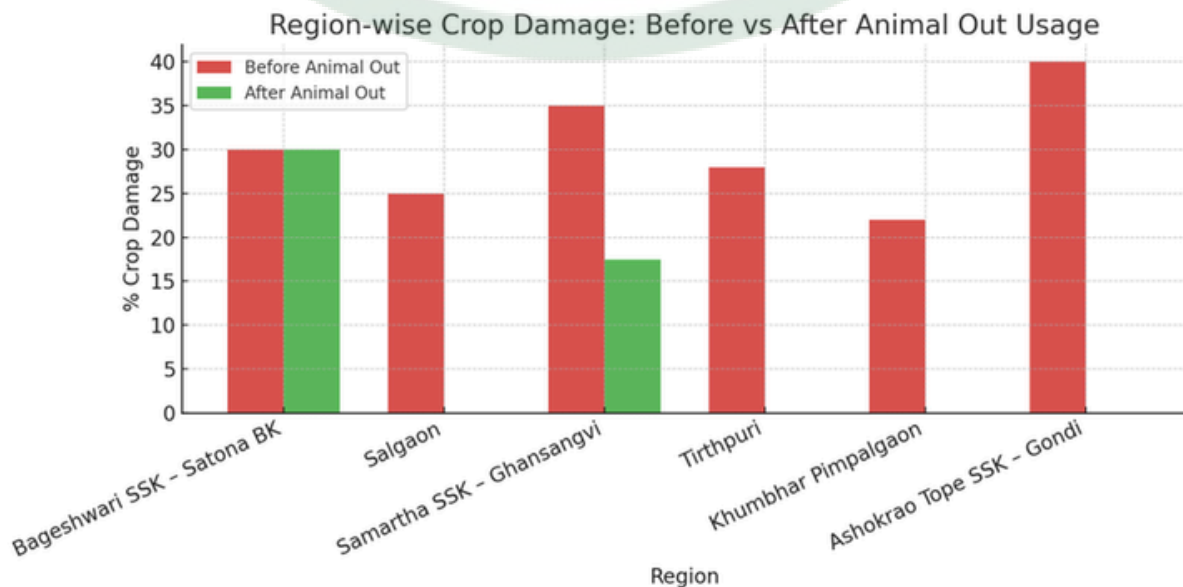
Farmer Outcome Classification Based on SOP Usage



रानडुकरांसाठी ॲनिमल-आउट वापरणारे जास्तीत जास्त शेतकरी निकालावर समाधानी होते.

Recommendations

- Include Animal Out in factory-supported input kits, train for SOP compliance, and monitor re-application.



Animal Out has proved to be 100% effective in regions affected with frequent Wild Boar attack. 16.5 acres × 32 tons = 528 tons of sugarcane were saved.

CASE STUDY:

Animal Out Trial at Krishi Vigyan Kendra (KVK), Malegaon



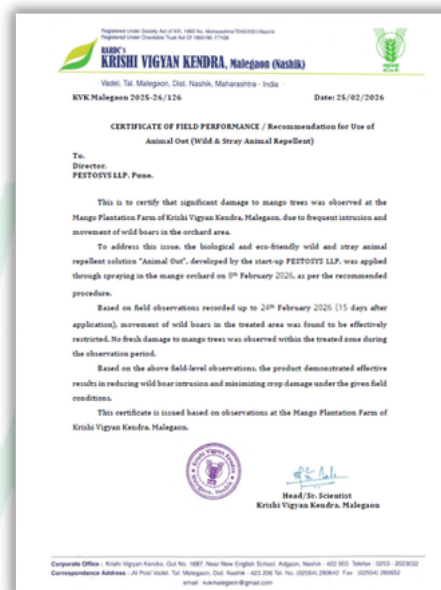
Client:

Krishi Vigyan Kendra (KVK), Malegaon

Problem

The mango orchard at the farm of Krishi Vigyan Kendra, Malegaon was experiencing significant damage due to frequent intrusion of wild boars.

Wild boars were entering the orchard area regularly and causing damage to mango trees, which posed a serious challenge for crop protection and orchard management.



Solution

To address this issue, Animal Out – Wild & Stray Animal Repellent, a natural and eco-friendly solution developed by Pestosys LLP, was applied in the mango orchard.

Application Details

- Product: Animal Out (Wild & Stray Animal Repellent)
- Location: Mango Plantation Farm, KVK Malegaon
- Application Method: Spraying in the orchard area
- Date of Application: 8 February 2026
- Application followed the recommended field procedure

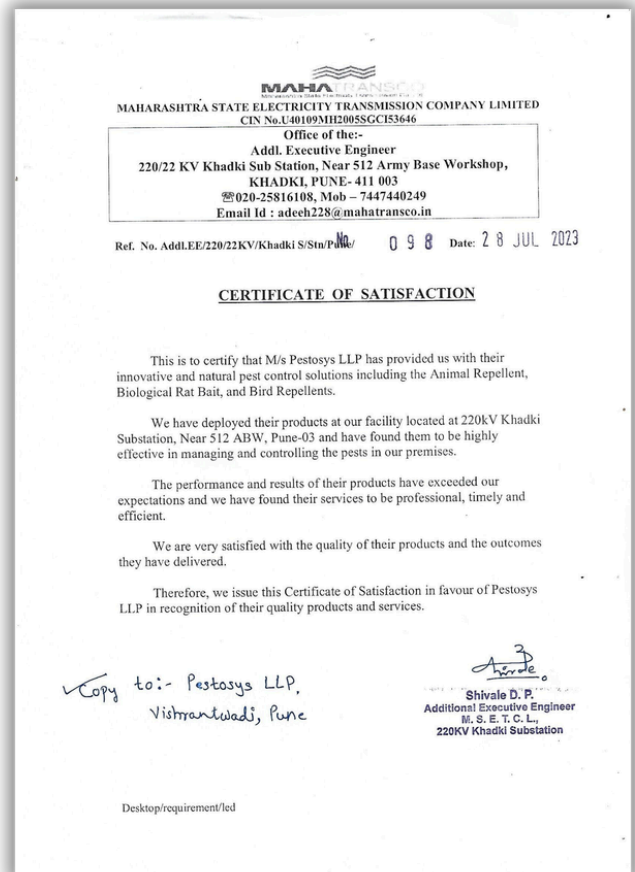
Results

Field observations were conducted for 15 days after application (up to 24 February 2026).

Key outcomes observed:

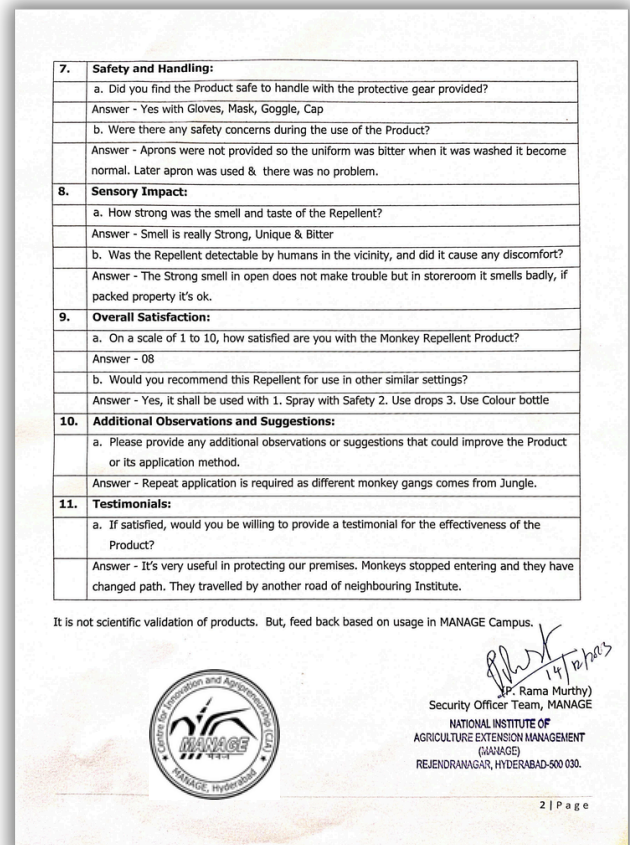
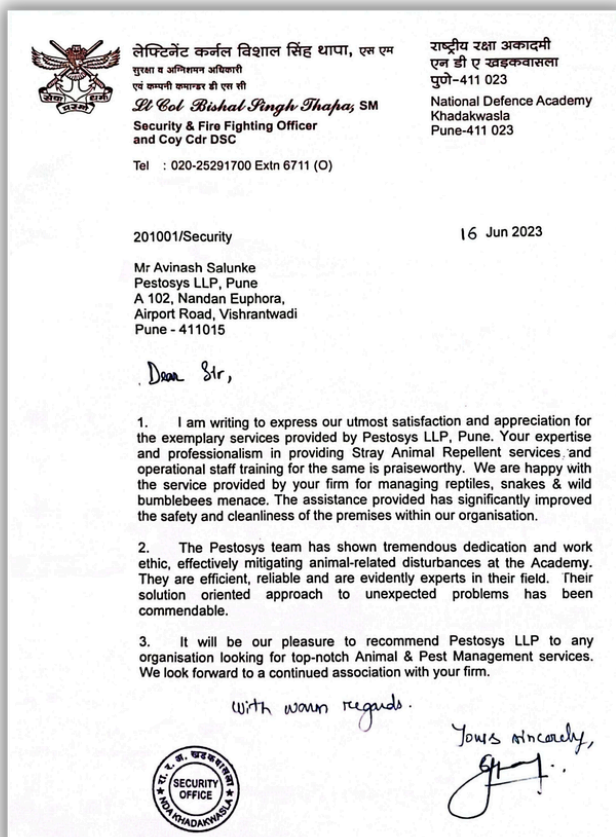
- Movement of wild boars was effectively restricted in the treated orchard area
- No fresh damage to mango trees was observed during the observation period
- The product demonstrated effective protection against wild animal intrusion

Feedbacks and Achievements:



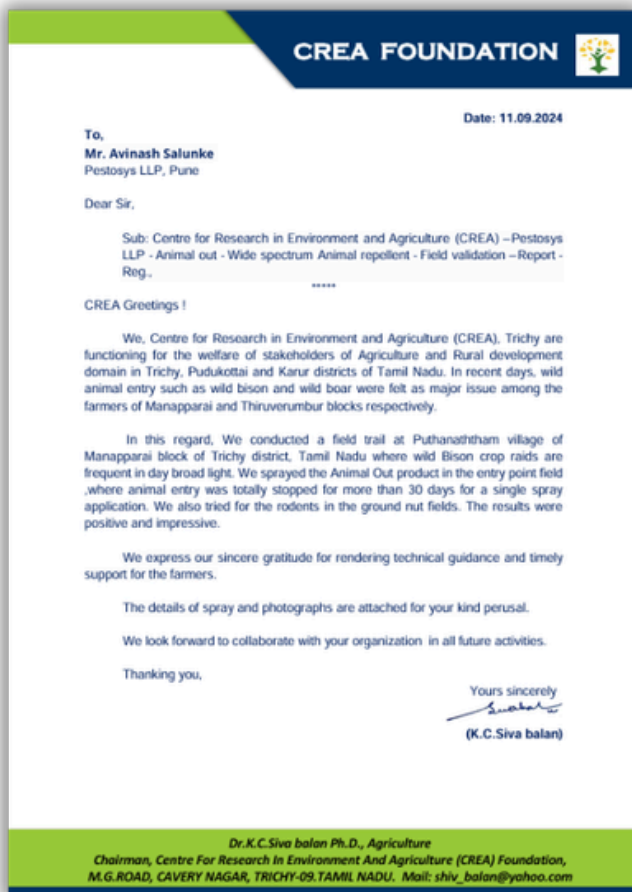
Yerwada Central Prison Jail

MSEB, Pune

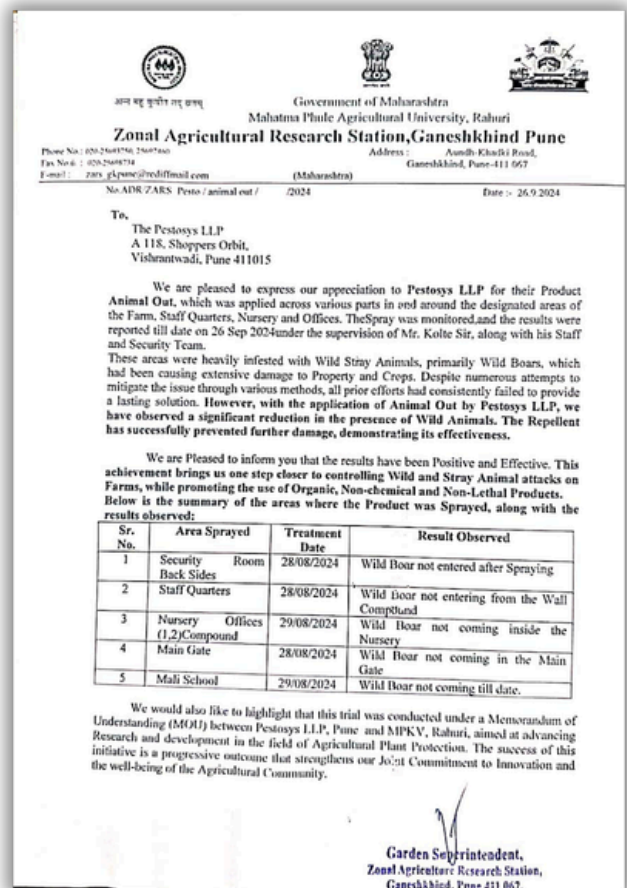


NDA

MANAGE, HYDERABAD



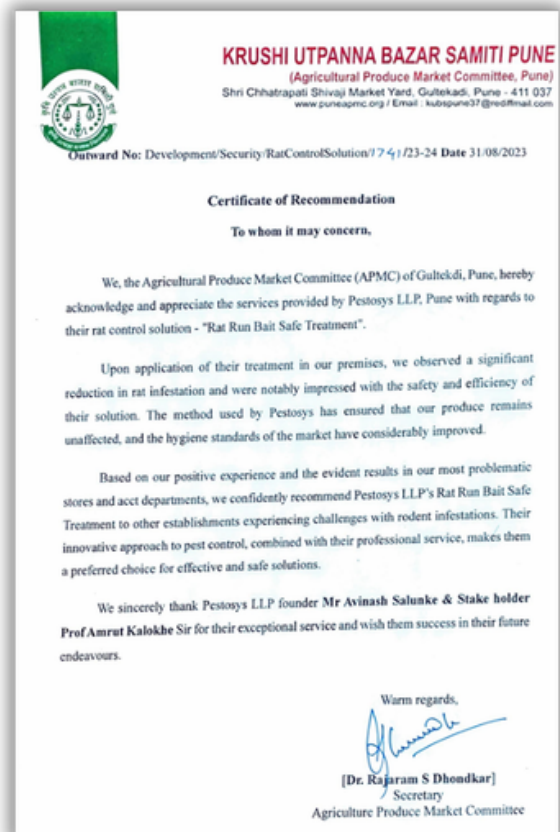
CREA Foundation, Trichy



ZONAL AGRICULTURAL RESEARCH STATION, Pune



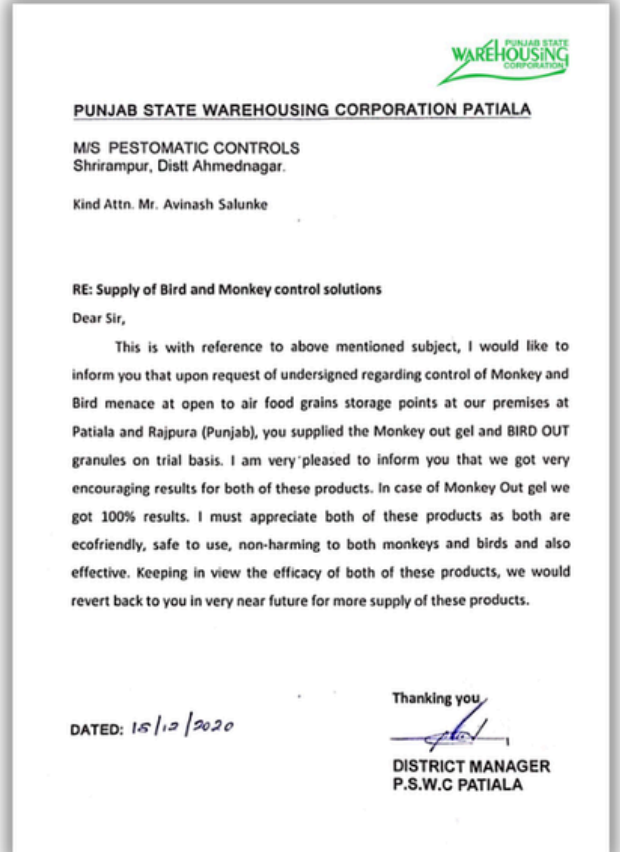
MSAMB, Pune



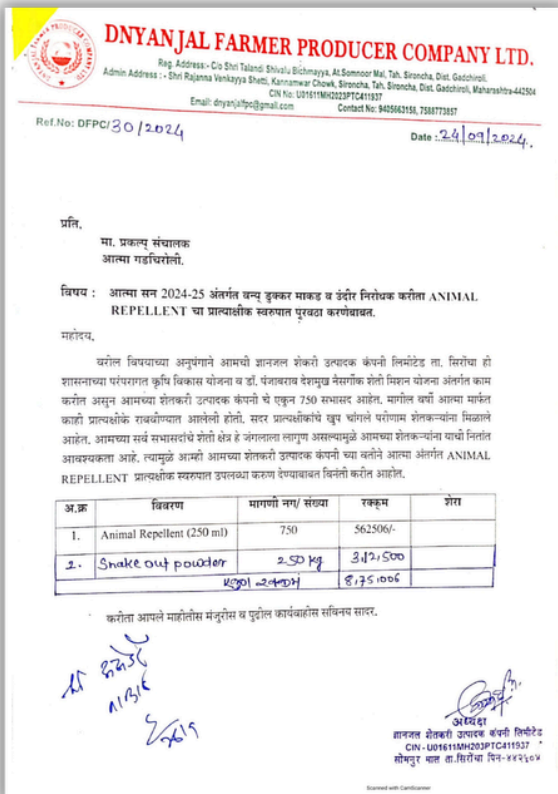
APMC, Pune



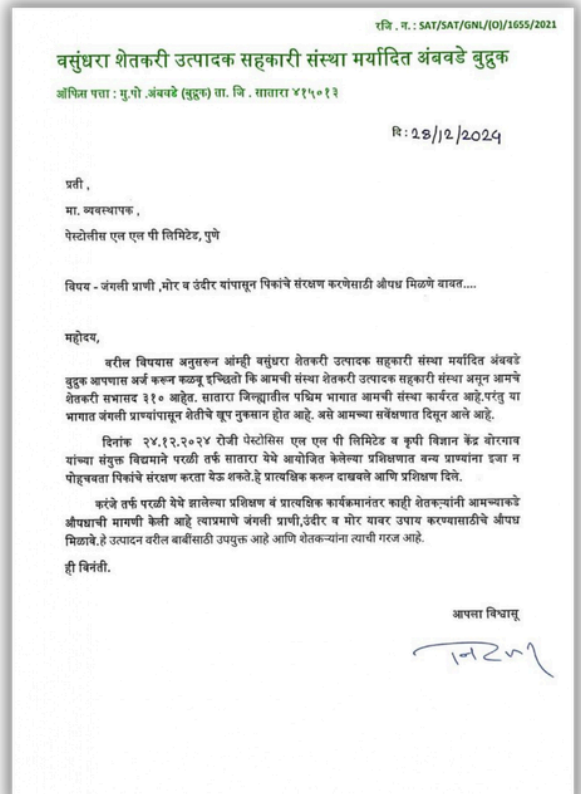
The Fern Group of Hotels, Pune



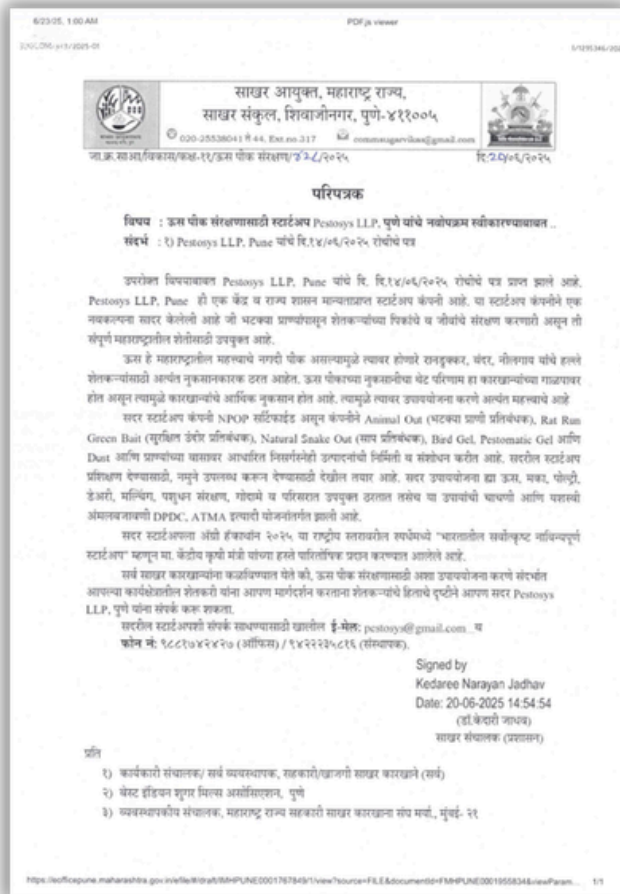
Warehousing Corporation, Punjab



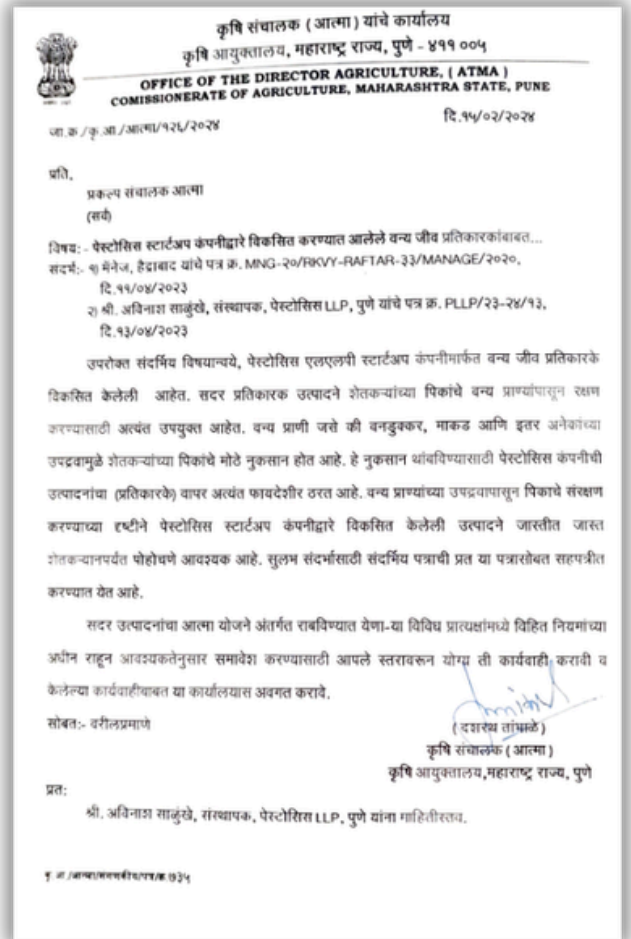
Dnyanjal FPO, Gadchiroli



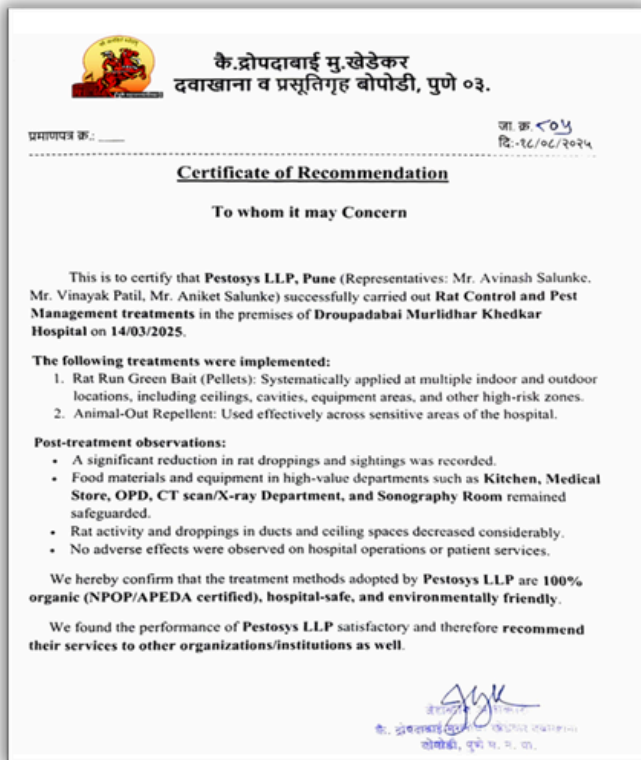
Vasundhara FPO, Satara



Commissioner Sugar, Maharashtra State



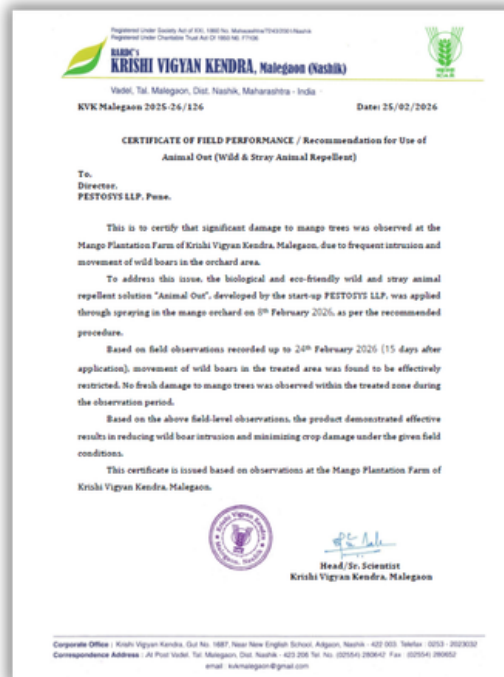
Director Agriculture (ATMA), Maharashtra State



Late Droupadabai Murlidhar Khedekar General Hospital & Trauma Centre, Pune (PMC)



Finipest, Surat



KVK , Malegaon



Winner of 1st Agri Hackathon in Plant Protection and Fertigation Category

Awards and Achievements:



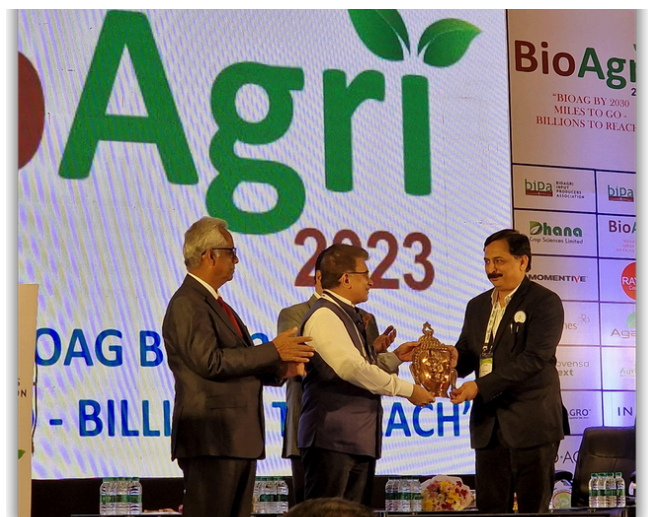
Awarded at West Indian Sugar Mills Association (WISMA) for Innovative Start-Up and Safeguarding Sugarcane crop from Animal attack at various Sugar growing belts in Maharashtra under The Sugar Commissionerate guidance.



Honored for successfully reducing Wild and Stray Animal attack on 90+ locations in Alibaug and Raigadh region on challenge basis with Maharashtra State Agri Department.



7th Edition of the FICCI Agri Startup Summit & Awards 2025



Honored for Innovation in Biological and Pheromone based Solution in Plant Protection



Best Industry Award at 3rd International Conference on Innovations in Biotechnology Research For Sustainable Bioresources and Bioeconomy : Challenges and Practices



Our Director Awarded Honorary Doctorate for Innovation in Field of Science and Technology by Honoured by Asia International Culture Research University & Academy

Video graphical Testimonial



☛ [KVK Sangli Scientist Feedback | Animal Control in KVK plot Using Pestosys LLP's Organic Solution](#)

☛ [ZRC Scientist Feedback | Animal Control in Research Station plot Using Pestosys LLP's Organic Solution](#)



☛ [Farmer's Feedback | Rat Run Green Bait 🟢 – Effective Solution for Crop Protection](#)

☛ [CIPMC\(Govt of India\), Gangtok, Dist. Sikkim](#)



☛ [Farmer's Feedback | Animal Out | Rat Run Green Bait 🟢 – Effective Solution for Crop Protection](#)

☛ [Real Feedback](#)



Farmer Sangli Feedback | Animal Control in Grape Farm Using Pestosys LLP's Organic Solution



Farmer Feedback | Animal and Bird Control in Orchards Using Pestosys LLP's Organic Solution



FPO Satara Farmer Feedback | Animal Control in Wheat Farm Using Pestosys LLP's Organic Solution



Farmer MP Feedback | Animal Control in Pulses Farm Using Pestosys LLP's Organic Solution



Farmer MP Feedback | Animal Control in Pulses Farm Using Pestosys LLP's Organic Solution



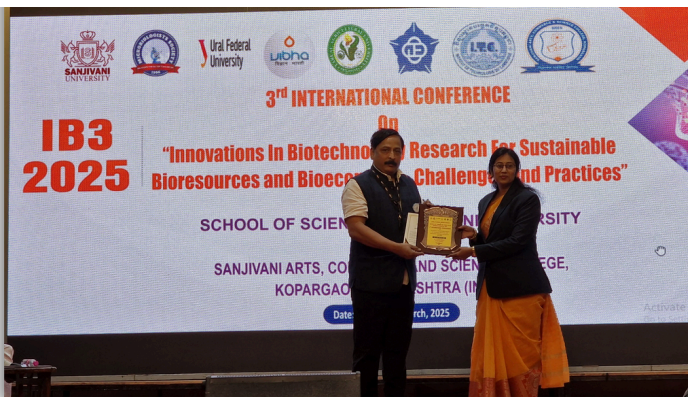
Farmer Ahilyanagar Feedback | Animal Control in Maize Farms Using Pestosys LLP's Organic Solution



Multiple Sahyadri FPO Stakeholders Nashik Feedback | Ant Control in Multiple Stake holders Grape Farms Using Pestosys LLP's Organic Solution



Feedback from Ex. ACP



Our Valued Customers, Training & Research Partners

We are proud to be trusted by leading government bodies, universities, corporates and national organizations including:



.. and many more..

About Barefooter school:

At Barefooter School Foundation, a non-profit organization, we see a vibrant future for rural India, fueled by the knowledge and skills that have been passed down through generations. Our mission is to spark this transformation by turning the practical wisdom of farmers, villagers, and Self-Help Groups (SHGs) into engaging, accessible courses. Together, we're empowering individuals, strengthening communities, and cultivating a thriving rural landscape where everyone can flourish.

Barefoot to Tie-suit:

Bare footer school was established in 2017 as the Private Centre for Pest -Management & Agricultural Extension works at Shrirampur Dist. Ahmednagar by Agri-entrepreneur Avinash Salunke, in response to the challenges of Pest Control & agricultural extension in a rapidly growing and diverse agriculture and allied sectors.

In recognition of the importance of Barefooterschool and expansion of its activities all over the country, its status was elevated to that of a Pestomatic Controls as Training Institute in 2002 and renamed as Barefooterschool in 2017. The policies of liberalization and globalization of the economy and the level of agricultural Plant protection technology becoming more sophisticated and complex, called for major initiatives towards reorientation and modernization of the agricultural extension system. Effective ways of managing the extension system needed to be evolved and extension organizations enabled to transform the existing set up through professional guidance and training of critical manpower.

Strategic Partnerships

- 250+ Co-operative Sugar Factories: Co-creating a network of Start-up Incubation Centers that nurture rural entrepreneurs and offer sugar factories new revenue streams during the off-season.
- YASHADA (Govt. of Maharashtra): Capacity-building and policy networking support.
- 35+ Grass-roots Alliances: NGOs, SHGs, Farmer- and Women-Welfare groups collaborate on livelihood and skilling projects.
- MNC & Japanese Industry Consortium: Language (JLPT N5–N3) and industrial-skill pipeline that places rural & North-East youth in Japanese manufacturing, hospitality and care-giving sectors.

Flagship Programmes

- Rural Start-up Incubation & Innovation Hubs Co-located inside sugar-factory campuses, providing prototyping space, mentorship and pre-seed funding.
- Organic Crop & Storage Solutions (with MCDC, Pune & Pestosys LLP) Training >1,000 Farmer Producer Organisations (FPOs) in bio-pest control, plant protection and green warehousing methods; introducing income-generating micro-enterprises around organic inputs.[4]
- Global Youth Mobility – “Skill2Japan” Train Residential Japanese-language boot-camps, industry-aligned curricula and placement partnerships; first cohort of 40 candidates plans to depart FY 2026-27.
- Seed Funds distribution to Upcoming Unique Student-Innovator Start-Ups.

BAREFOOTER SCHOOL FOUNDATION's Achievements and Programs



In Touch



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