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SOIL FERTILITY INSTITUTE

# EFFECTIVE DISPOSAL OF DEAD ANIMALS

IN THE MUNICIPAL SECTOR

# Effective Disposal of **Dead Animals** in the Municipal Sector

**Dead animal disposal** in urban areas is a **critical challenge** for **municipal corporations** due to its direct **impact on public health, sanitation** and **environmental safety**. Improper handling and **disposal of carcasses** can **lead to foul odours, disease outbreaks, groundwater contamination** and serious ecological concerns. Therefore, safe, scientific and **timely disposal systems are essential** for maintaining **hygienic urban** environments.

## **CHALLENGES** & CONCERNS

### **Public Health** & Environmental Concerns

Decomposing animal carcasses act as breeding grounds for harmful bacteria, pathogens & disease-carrying vectors such as flies & rodents. If not managed properly, they can contribute to the spread of infectious diseases & create severe sanitation issues in surrounding areas.

### **Water** & Soil Contamination

Carcasses discarded in open areas, dumping grounds or near water bodies can contaminate soil and groundwater through decomposition fluids & leachate.
This creates long-term environmental and public health risks.

### **Attraction of** Scavengers

Rotting carcasses attract stray dogs, jackals, vultures & other scavengers, increasing the risk of disease transmission, human-animal conflicts, & property damage in urban areas.

### **Urban Strays** & Abandoned Livestock

Large populations of stray animals and abandoned livestock often suffer from disease, malnutrition, accidents, and the ingestion of plastic-contaminated waste. This increases mortality rates and adds pressure on municipal disposal systems.

### **Neglect in Shelters** & Illegal Dumping

Overcrowding in municipal and private animal shelters, coupled with inadequate monitoring of disposal contractors, frequently results in illegal dumping of carcasses instead of scientific burial or cremation, leading to unhygienic and environmentally unsafe

## The **PERFECT** SOLUTION

At the **Soil Fertility Institute**, we understand the seriousness of this issue and work with **municipal corporations** on a contractual basis to provide sustainable and **scientific carcass disposal solutions**.

We have developed a specialized **Premium Odour Eliminator Decomposer** (POED) specifically designed for the **rapid** and odourless **decomposition of dead animals**. By using **POED**, both **small and large** animal **carcasses can be decomposed efficiently** without generating **foul smell** or **environmental pollution**.

## **APPLICATION** PROCESS

Municipal authorities allocate designated land or disposal zones for odourless decomposition activities.

### Upon arrival at the disposal site:

- **POED** is **injected** into different **parts of the carcass**.
- The **solution** is **sprayed** externally **over the body**.
- The **carcass** is then covered with cloth or **suitable material**.
- Additional **spraying is carried out** as required **during the decomposition cycle**.

Within approximately **3–4 weeks, the soft tissues are completely decomposed**, leaving only **bones and skin residues**, which can then be **handed over to the concerned authorities** for further handling.

The entire **decomposition process** is completely **odourless, hygienic** and environmentally **safe**.

**KEY BENEFITS**

- Environment friendly, 100% safe process
- Complete and rapid decomposition
- Completely odourless operation
- Effective disease control
- No flies or insect nuisance
- No soil, water, or air pollution
- Minimal handling issues
- No requirement for heavy machinery or large equipment

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**SANTOSH SOMNATH LATNEKAR**

SOIL FERTILITY INSTITUTE,

HADAPSAR, PUNE 411028

9561325565

soilfertility8@gmail.com

www.soilfertility.in

youtube.com/@Soil_Fertility_Institute

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in/santosh-latnekar-844771356