



### **AIPM SAFE USE GUIDE – ZINC PHOSPHIDE RODENTICIDE**

Zinc Phosphide is a highly effective, fast-acting acute rodenticide used by AIPM for controlling severe rodent infestations in fields, godowns, warehouses, and outdoor environments. Because of its rapid killing mechanism and strong toxicity, AIPM applies this chemical only after a proper inspection and risk assessment. It is not used casually and is handled strictly by trained and certified technicians following Indian pest control standards.

When rodents consume bait mixed with Zinc Phosphide, the compound immediately reacts with the stomach acids and moisture present inside the digestive tract. This reaction releases Phosphine Gas (PH<sub>3</sub>), a highly toxic respiratory and nerve poison.

The gas spreads rapidly inside the rodent's body, damaging the heart, collapsing the lungs, and disturbing the nervous system. This internal toxicity causes the rodent to become weak, disoriented, and uncoordinated, ultimately leading to death within 4-12 hours.

#### ***Why It Is Considered Fast and Reliable***

Zinc Phosphide is a single-feed poison, meaning rodents do not need multiple doses to die. One proper intake is enough to deliver a lethal effect. This makes it extremely useful in high-pressure rodent zones where fast action is needed. Unlike slow anticoagulant rodenticides, Zinc Phosphide offers quick results, making it ideal for outbreak situations, agricultural areas, and rodent-burrow infestations.

### **TECHNICIAN SAFETY GUIDELINES**

AIPM technicians strictly follow safety protocols while handling Zinc Phosphide. They must wear gloves, a mask, and eye protection during preparation and application. After completing the service, hands and tools are washed thoroughly, and leftover chemical is stored safely away from food or moisture.



Zinc Phosphide is primarily used for burrow baiting, where the prepared bait is placed deep inside active rodent burrows. This method ensures that rodents consume the bait safely in their hiding areas, reducing exposure to humans, pets, and non-target animals. AIPM avoids open placement and uses Zinc Phosphide only in outdoor or controlled environments, never in kitchens or food-handling zones.

# **CUSTOMER SAFETY INSTRUCTIONS**

Customers are advised not to touch or disturb the bait placed by AIPM. Children and pets should be kept away from treated areas until the technician confirms it is safe.



AIPM also guides customers to maintain cleanliness, cover food items, and store grain properly. If any dead rodents are found or if there is any unusual smell from burrows, customers should immediately inform AIPM for safe removal and follow-up treatment.

Zinc Phosphide must not be allowed to enter water bodies, drainage systems, or food storage areas



AIPM combines Zinc Phosphide treatments with Integrated Rodent Management techniques, including sanitation improvement, sealing entry points, installing traps, using Bromadiolone blocks, and educating customers on prevention.