

TRIVIA

1. Rats breed whole year round.
2. A mature male and female rat can produce 1,270 rats in one year.
3. Rats are highly developed animals.
4. Small scale rat control is inefficient.
5. There's no resistant varieties for rodents.



For more information and inquiries, please contact:

**VETEBRATE PESTS MANAGEMENT SECTION
CROP PROTECTION DIVISION**

Bureau of Plant Industry

692 San Andres Street, Malate, Manila

Telephone Nos.: 524-7353 & 525-2991

Fax No.: 523-2426

Email: cropprotectiondiv@yahoo.com

cesbaniqued@yahoo.com

October 2010

Technical Editing and Design Assistance



ASEAN IPM Knowledge Network
KASAKALIKASAN, the Philippine National IPM Program

MANAGEMENT OF FIELD RODENTS



Department of Agriculture

BUREAU OF PLANT INDUSTRY

CROP PROTECTION DIVISION

SIGNS AND SYMPTOMS

1. Active burrows
2. Footprints and tail marks
3. Fecal droppings
4. Runways in grassy areas
5. Gnawings and crop damage
6. Presence of litters/rats
7. Presence of nest

POPULATION REGULATION

A. FALLOW PERIOD. The best time to control rodents in the field is during fallow period when there is no crop planted in the area.

1. Physical method
 - a. burrow digging e.g. use of flame thrower, flooding, fumigation, fogging
 - b. rat trapping – use of snap and live traps
 - c. blanketing, community action using dogs, tractors, nets, etc.
2. Chemical method
 - a. massive control using acute poisons

B. BEFORE PLANTING. Clean the area of weeds along bunds and irrigation canals.

1. Physical method
 - a. reduce size of paddy dikes
 - b. prepare for synchronous planting
 - c. rodent monitoring

MANAGEMENT OF FIELD RODENTS

C. AFTER PLANTING. In swampy areas, construction of community trap barrier system is recommended.

1. Physical method
 - a. rodent monitoring
2. Chemical method
 - a. sustained baiting

D. OUTBREAKS.

1. Community action
 - a. beauty contest based on number of rat tails submitted
 - b. number of rat tails in exchange of kilos of rice
 - c. best rodent recipe (star meat)
 - d. massive rat poisoning (acute rodenticides)

E. LEGISLATIVE MANAGEMENT.

Implementation of government laws in the management of pests.

Rat Extermination Law (R.A. 3942).

All able-bodied male inhabitants of the infested municipality between the ages of sixteen and sixty years, inclusive, shall be compelled to render gratuitous service.



LIFE CYCLE OF FIELD RATS

