



PEST ADVISORY FOR CAM NORTE

POSSIBLE PESTS THAT MAY OCCUR ON RICE IN THE **FIRST QUARTER OF 2025**

****You may use Digital Apps like Spidtech, Rice Doctor, Binhing Palay and KoboCollect.****

RICE BLACK BUG

MANAGEMENT OPTIONS:

- If more than 5 RBB/hill apply intervention
- Light trapping 3 days before and after the full moon
- Increase water level
- Herding of ducks
- Plow-under in a heavily infested field
- Plow field immediately after harvest
- Community approach application of *Metarhizium anisopliae*
- Field sanitation

RODENT

MANAGEMENT OPTIONS:

- Community Trap Barrier System
- Rat Campaign/Hunting
- Field sanitation
- Increase water level/flooding
- Use of flame thrower
- Rat trapping
- Synchronous planting
- Practice fallow period
- Time the application of mortality control at the early to the mid-tillering stage when the population is low

BROWN PLANTHOPPER

MANAGEMENT OPTIONS:

- Practice synchronous planting.
- Avoid excessive nitrogen fertilizer.
- Plow-under in a heavily infested field
- Plant rice varieties that are resistant to brown planthopper.
- Judicious application of insecticides
- Intermittent water flooding
- Application of Biocontrol agents (eg. *Metarhizium anisopliae*)

RICE STEMBORER

MANAGEMENT OPTIONS:

- Thorough land preparation to kill larvae and pupae.
- Plant resistant rice varieties.
- Practice synchronous planting.
- Cut leaf top (seedling stage) to reduce carry-over eggs before transplanting.
- Handpick and destroy egg masses.
- Field release of *Trichogramma japonicum* (egg parasitoid)
- Field sanitation.
- Practice fallow period.

BACTERIAL LEAF BLIGHT

MANAGEMENT OPTIONS:

- Practice synchronous planting
- Ensure good drainage
- Field monitoring for early detection
- Avoid excessive nitrogen fertilizer application
- Practice fallow period
- Remove and burn disease stubbles and straws after harvest.
- Maintain field sanitation



RICE BLACK BUG



RICE STEMBORER



RODENT



BACTERIAL LEAF BLIGHT



BROWN PLANTHOPPER