

KERALA AGRICULTURAL UNIVERSITY

B.Sc. Hons (Ag) 2009 admission

VIth Semester Final Examination, June /July 2012

Cat. No: Ento.3204

Marks: 80

Time: 3hours

Title: Plant parasitic nematodes, other non insect pests and their management (1+1)

I. Fill up the blanks

(10 x 1 = 10)

1. _____ is a granular product made from processed crab and crawfish exoskeletons used as nematicide.
2. The fungus _____ spp. is used to manage mites.
3. _____ transmits the sterility mosaic disease in red gram.
4. _____ is a selective acaricide.
5. The term rodent is derived from the Greek word _____ meaning _____.
6. _____ is the inorganic acute poison used to control rats.
7. Hybrid bajra with shed layers of _____ are unacceptable to birds.
8. The predatory snail, _____ and _____ are used to control giant African snail.
9. Poison baiting with _____ 0.025 % is used to control rice field crab.
10. The species of Porcupine damaging tubers is _____.

II. Write short notes on any TEN of the following

(10 x 3 = 30)

1. Rice root knot nematode
2. Ground nut pod scab nematode
3. Citrus nematodes
4. Scaring birds
5. Rice mite
6. Red gram sterility mite
7. Autocidal control of rats
8. Biological control of rat
9. Mechanical control of birds
10. Giant African snail
11. Squirrels as pests in agriculture
12. Three acaricides

III. Write short essay on any SIX of the following

(6 x 5 = 30)

1. Potato cyst nematode
2. Banana lesion nematode
3. Chilli mite
4. Integrated management of coconut eriophyid mite
5. Acute poison in rodent management
6. Rodent management in rice field
7. Rodent campaign
8. Habitat and damage caused by grass rat

IV. Write essay on any ONE of the following

(1 x 10 = 10)

1. List out the important mite species affecting crops. Describe in detail about the damage caused by eriophyid mite in various crops
2. Narrate the principles and practices of integrated management of nematodes