

Lecture 32

STORED GRAIN PESTS

1.	Presence of irregular holes of 1.5 mm diameter on grains of rice, sorghum, wheat, barley, maize in storage is due to attack by _____ Rice weevil: <i>Sitophilus oryzae</i>
2.	Identify the pest- Dark brown beetle with head bent under the thorax; cover covered by a crenulated hood-shaped pronotum and the posterior abdominal end blunt . Lesser grain borer: <i>Rhyzopertha dominica</i>
3.	Identify the pest- Brownish grey colored beetle with truncate elytra, having elevated ivory like spots near the middle of dorsal side. Pulse beetle: <i>Callosobruchus maculatus (chinensis)</i>
4.	Name a storage pest on tobacco Cigarette beetle: <i>Lasioderma serricorn</i>
5.	Adult is slender ant like with a long snout and shiny black with reddish brown thorax and leg. Sweet potato weevil: <i>Cylas formicarius</i>
6.	Name two lepidopterous storage pest - Angoumois grain moth: <i>Sitotroga cerealella</i>, Indian meal moth: <i>Plodia interpunctella</i>
7.	Damage by potato tuber moth (<i>Phthorimoea operculella</i>) occurs both in field and storage- Say true or false
8.	Name a storage pest on arecanut, coffee and cocoa - Arecanut beetle: <i>Araecerus fasciculatus</i>
9.	Gaseous quinones released to the medium produces a readily identifiable acid odour in heavy infestations of _____ Red flour beetle: <i>Tribolium castaneum</i>
10.	Long headed flour beetle: <i>Latheticus oryzae</i> resembles _____ <i>Tribolium castaneum</i>
11.	Name some storage pests belonging to Tenebrionidae - Red flour beetle, Long headed flour beetle
12.	Name the family to which Angoumois grain moth and potato tuber moth belong - Gelechiidae
13.	Name a dermestid storage pest - Khapra beetle
14.	<i>Pachymeres gonagra</i> is a storage pest of _____ Tamarind
15.	Aluminium phosphide is used @ of _____ per ton of food grains. 3 tablets of aluminum phosphide 3 g each
16.	Malathion 50 EC should be sprayed over the gunny bags in 100 m ² at _____ 10 ml/ L with @ 3 L of spray fluid
17.	Pulses for storage should be mixed with ----- kg of edible oil/activated clay for every 100 kg one
18.	Saw toothed gain beetle is a primary / secondary feeder
19.	Name the pests that occur both in the field and storage Rice weevil, pulse beetle, tamarind beetle, Angoumois grain moth, sweet potato weevil and Potato tuber moth

20.	Merely placing the gunny bags on the heap of grains helps in the collection of _____ Khapra beetle <i>Trogoderma granarium</i>
21.	Adults of _____ are powerful fliers and can move across godowns Lesser grain borer <i>Rhizopertha dominica</i>
22.	Angoumois grain moth is an internal /external feeder
23.	Rice moth <i>Corcyra cephalonica</i> is an internal/ external feeder
24.	_____ is not recommended for fumigation of flour oil seeds and moist grains EDB
25.	Pulse beetle prefers whole pulse /split pulse