

98-0081

The invention relates to plants for production of insect eggs, in particular, for production of European grain moth eggs and can be used in rooms with adjustable climate.

The summary of the invention consists in the fact that the plant comprises a butterfly cassette growing room with a butterfly collection chamber connected to the insect pipe, a block for obtaining of eggs with cages, an egg separation room, an egg collector and an exhaust ventilation system with air ducts.

The novelty of the invention consists in the fact that the plant supplementary comprises a body divided by vertical cylindrical coaxial partitions into three hermetic chambers, into the external ring-shaped one is placed the butterfly growing room, in that intermediary - the butterfly collection chamber and in the central one - the egg separation room. The insect pipe is connected to the egg obtaining block, axially installed under the body and connected by means of the air duct to the egg separation room, connected in its turn by the egg pipe to the egg collector. The butterfly growing room is made with the bottom sloped towards the external wall with a slope of 30° to the horizontal and comprises a cassette-positioning mechanism and two spiral guides fixed on the opposite walls. The egg obtaining block includes two disks: the upper immobile connected to the body and the lower, rotatable one connected to the drive by means of a shaft mounted into the base, into the both disks there are executed through holes, in the holes of the lower disk there are installed cages, comprising a net partition and a mobile bottom, in the holes of the upper disk there are fixed the insect pipe and the air ducts. The egg separation room is made with a conical bottom and comprises an air distributor in the upper part and a peak on the lateral wall above the air duct into the hole of which is fixed the net.

The technical result consists in obtaining eggs of European grain moth, homogeneous according to the age (of the qualitative biological material), attainment of a continuous functioning of the plant.

Claims: 1

Fig.: 4