

The invention relates to agriculture, in particular to the cultivation of mushrooms and plants in rooms with controlled microclimate.

The proposed complex contains a room divided by means of a massive partition into two compartments: a compartment for mushroom cultivation (I) and a compartment for hot house plant cultivation (II). The compartments (I) and (II) are placed in two levels, namely: the compartment (I) at the lower level and the compartment (II) at the upper level. Between the compartments (I) and (II) there is installed an air recirculation system. The complex is oriented with the longitudinal axis from east to west within the limits $\pm 45^\circ$. The wall of the complex, prevalently oriented to the south, is additionally provided with a lightproof wall, forming a space, communicating with the compartment (II) by means of clapper-valves.

The result of the invention consists in increasing the mushroom and hot house plant yield per 1 m², in reducing the power loss and in increasing the solar power utilization factor in the cold season of the year.

Claims: 3

Fig.: 2

