CULTIVATION OF WILD STRAWBERRY IN THE CLOSED GROUND IN REPUBLIC MOLDOVA

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SUMMARY

On the basis of long-term researches in glass and pellicle hothouses, pellicle tunnels the technology of cultivation of wild strawberry is developed for conditions of Republic Moldova. For maintenance with fresh fruits of wild strawberry longer period introduction of technology in the closed ground is necessary. Within 5 years in the central zone of fruit growing to Republic Moldova are carried out researches with 15 grades of wild strawberry suitable for cultivation in heated glass hothouses, pellicle not heated hothouses (single and block), tunnels and the open ground. Schemes and terms of planting of plants for reception of a top yield in necessary optimum term for realization in autumn - the winter and spring period have been certain.

It is established, that in heated glass hothouses it is possible to receive fresh fruits within round year, however expenses for heating of ground and air very much greater and it is not always justified. There are problems at maintenance of optimum conditions for pollination flowers, maintenance of necessary temperature and concentration CO₂ on a surface of ground.

In single tunnels when one bed from 2 numbers becomes covered by a film only, fruits ripen for 8-12 days earlier, than in the open ground, and expenses minimal. The important element of technology consists in correct definition of term of a covering of a bed, in view of temperature conditions of year.

In pellicle not heated hothouses the crop ripens for 25-35 days earlier, than in the open ground. Due to the high price of realization of fruits, additional expenses for installation of a hothouse pay off in the first year of their use.

In the central zone of fruit growing it is favorable to Republic Moldova to grow up wild strawberry in the closed ground at use block pellicle hothouses and grades with early for maturing of the fruits, adapted for cultivation in conditions to republic. Problems arisen at pollination flowers and maintenance optimum for photosynthesis the structure of air is solved by duly ventilation and use of bees.