PERSPECTIVES OF PERFECTION OF INTENSIVE TECHNOLOGY OF CULTIVATION OF A RASPBERRY IN REPUBLIC MOLDOVA

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SUMMARY

It is studied the basic indicators of growth and efficiency of grades of a raspberry in plantings of a various design for all period of operation of a plantation. Key parameters of intensive plantings for reception of planned crops of berries are established. Ways of reception of top yields are defined at the minimum expenses with rational use natural-climatic conditions and potential of efficiency of a grade.

Efficiency of intensive plantings of a raspberry substantially depends on biological features of a grade and the agro technical receptions allowing as much as possible to use a natural-climatic condition and elements of technology for each concrete zone of cultivation.

Working out of optimum parameters of structure of the plantation, corresponding to these requirements also devotes the researches spent to 1976-2007 in the central zone of fruit growing of Moldova by the standard techniques for work with fruit crops.

On the basis of the received experimental data, classification of grades by degree of development of air space and soil volume, the size of the area of a sheet surface, biological and economic efficiency of plantings has been carried out. On the basis of these data the technique of definition of density of planting of plants depending on studied indicators and level плодородья soils has been developed. Doses of fertilizers for entering before a bookmark of plantings and in fructification and optimum maintenance NPK in leaves have been established. Mathematical processing of the received data shows, that productivity of plantings depends the sums of an annual gain on 1 running m of a fructifying number and essentially does not change from influence of other factors.

On the basis of the spent researches optimum parameters of intensive plantings for receptions of planned crops of berries on soils with average level fertility are defined: a crop of berries - 7-10 t/ha; a grade - efficiency potential from above 12 t berries/ha; planting density - 8 / thousand ha; the area of a sheet surface - 25-30 m²/ha; fertility soils - humus - 2,6-3 %, nitrogen - 4 mg/100g sol, phosphorus - 3,4 mg/100 g sol, potassium - 28 mg/100 g sol; fertilizer in fructification - nitrogen in dose N₁₂₀; biological efficiency - 10-12 t dry weight/ha; operating ratio RFA in fructifying plantations - 1,2-1,4 %; the period of operation of plantings - 8-9 years.