

<b>Title</b>	<b>Adjusting sustainable and ecological technologies of fruit production in quantitative and qualitative aspects depending on the integrity of the culture system and climate change</b>
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<b>Description</b>	<p>The research was carried out in 18 agricultural households and 3 specialised laboratories. Within the project, 27 experiences were mounted on 7 fruit species. Within the project 02.11.01 patents were elaborated: MD 1076, 1077, 1189, 1190, 1229, 1230, 1398, 1432, 1443, 1450. The aim was to create sustainable and high-performance orchard systems, which ensure high quality and efficient fruit yields, but also the protection of natural resources. The obtained results allow modelling the orchards of the future by establishing the optimal cultivation conditions of the fruit species, the structure of the plantation, the programming of the maximum production according to the environmental conditions, the maintenance technique of the orchard and the operation during the pre-and post-harvest period of the fruits. It also ensures the correct use of natural resources and provides conditions for the application of accumulated knowledge on the existing interactions between plants and the environment, on the nutritional reserves of the land and the physiology of the plant. Scientific and practical recommendations have been developed for growers of fruit species. Promoting the transfer of knowledge and technologies in high-level conditions, in the context of sustainable agriculture through APEF "Moldova fruct", UAPCN "Asociația Nucicultorilor din Moldova", AO "Pomușoarele Moldovei".</p>
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