

From Garden to Table: Sustainable Agriculture and Livestock Practices in Home

Gardens

The aim of this research is to examine the agricultural and livestock activities carried out by individuals in home gardens in Northern Cyprus, and to assess the prevalence, impacts, individual attitudes, preferences, and intentions regarding sustainable agriculture practices. The study addresses biodiversity conservation, reduction in chemical input use, adoption of alternative agricultural techniques, and the effects of these practices on health, environment and economy. Furthermore, participants' socio-demographic characteristics (age, gender, income level, education level) will be analyzed along with their awareness levels toward home gardening, and their attitudes and preferences toward sustainable agriculture practices.

The challenges encountered in home gardening (such as water supply, pests and diseases, time constraints) and the solutions developed to cope with these challenges will also be evaluated. In addition, the levels of use of organic fertilizers and biological pest management, water management practices, and awareness of environmental sustainability are among the focal points of the research. Moreover, using the Discrete Choice Experiment (DCE) method, the preference structures of participants toward different agricultural production combinations and their intentions toward sustainable practices will be analyzed. This research aims to assess the individual, societal, and environmental dimensions of home gardening and to contribute to the development of sustainable agriculture policies.

