Climate Change Threatens Tomato Production in Beydaglari

Highland Greeenhouse Tomato

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Increasing awareness to climate change

The Beydaglari is the western extension of the Taurus Mountains, stretching parallel to the bay in a north-south direction in the west of the Antalya Bay. In recent years, the production of highland greenhouse vegetables in the region has increased. The region is an important production centre in terms of greenhouse production and makes a significant contribution to the regional and national economy. Greenhouse farming provides a wide range of employment opportunities at all stages of the value chain. Reverse migration has begun with the development of greenhouse tomato cultivation in the region.

The main problem in the region is greenhouse production, which is not increasing in line with natural resources. As greenhouse farming provides higher income than other production activities, farmers tend to expand their greenhouse areas. This expansion poses a threat to the future, particularly in terms of water potential. Irrigation water in the region is largely supplied from groundwater resources. There is a notable decrease in rainfall due to the climate change. This leads to drought in the region and depletion of groundwater. The drought will become more severe every day unless global, national and regional measures are taken to reduce the factors causing climate change. The MOVING project is helping to attract the attention of public authorities and raise awareness to climate change in particularly drought effect and improve policies that reflect the views of all actors in the value chain.

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