CHAPTER 7

PROPAGATION OF AZADIRACHTA INDICA IN TURKEY

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1. INTRODUCTION

They are xenobiotics, which have important effects on the environment and human health, which cannot be dispensed with the use of pesticides in the fight against pests in agriculture. The importance of the discovery of new active ingredients or the use of natural insecticides in terms of ecology, health, resistance, and sustainable agriculture is increasing day by day. Looking at the worldwide, due to the increase in the use of unconscious insecticides, different levels of resistance in pests to 325 active substances have been reported in 586 insect species in the last century (Sparks et al., 2015). With the widespread, unconscious consumption of insecticides, the environment, human health, and non-target organisms are affected.

In the last decade, the demand for biodegradable, natural biological actives that can be used in integrated control programs, which are seen as an alternative strategy to pesticides and have the appropriate potential, has been increasing intensively. For these

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In 2022 in the Cukurova region, -7-8 degrees temperatures were seen, and most of the citrus and other plants were frozen.

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