

Title	Determination of mutant common mandarin and lemon that show no periodisite, seedless and thornless
Number	TAGEM/BBAD/16/A08/P02/04
Leader	Ertuğrul TURGUTOĞLU
Researcher/es	Şenay KURT, Gülay DEMİR, Dr. İlknur POLAT, Bora AĞSARAN
Budget	60.000
Periods	01/01/2016 - 31/12/2020
Organization of Funding Sources	TAGEM

Abstract:

Common mandarin (*Citrus reticulata* Blanco) and Common lemon (*Citrus limon* (L.) Burm.f.) shoot nodes was treated with 20, 40, 60, 80, 90, 100, 120, 140, 160, 180 and 200 gray doses of acute gamma rays from Co⁶⁰ sources. After transferred to field plants were controlled for seed formation and thornless. As a result of the control, 23 common mandarin mutants which have few seedy and 10 units common lemon mutants which have thornless were determined. The aim of this project, the characteristics of common mandarin and common lemon circular to improve the performance of the identification of individuals is selected.