

Title	Gene Pool Formation and Development of Varieties by Clon Selection on Pelargonium
Number	TAGEM/BBAD/16/A09/P08/01
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Budget	24.500 TL
Periods	01/01/2016 - 31/12/2016
Organization of Funding Sources	General Directorate of Agricultural Research and Policies

Abstract:

Interest in the use of indoor and outdoor ornamental plants has been increasing in the world and Turkey in recent years. Our country is the importer country in both indoor and outdoor ornamental plants for years. The main reason for this is to become dependent on foreign supply of production materials. Foreign dependence on production material can be reduced with breeding new varieties. Studies for development of new species / varieties in the ornamental plants sector have gained momentum in our country in recent years. Some varieties (carnations, peonies, tulips, hyacinths, irises, lilies, crocus pain, sand lilies and weeping bride) were registered or candidate for registering. In order to increase our country's ornamental plants sector development and competitiveness in world markets, at first the development of commercially important species / varieties are very important. Pelargonium (*Pelargonium zonale* L.) is among the most popular and most grown species in flowering ornamental plants (indoor and outdoor) in both our country and world.

The objectives of the project are to form a gene pool of pelargonium which is an ornamental plant species used - indoor or outdoor and to improve new pelargonium cultivar by clon selection and hybridization