

<b>Title</b>	The Development of Qualified F4 Inbred Lines for Eggplant Breeding Programs and Seed Technology Project
<b>Number</b>	TAGEM/BBAD/10/A01/P01/12
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**Abstract:** Turkey is one of the leading countries in terms of eggplant production in the world. Eggplant is grown in approximately 15 % of greenhouse area in our country. Cultivated varieties are hybrids and an important part of them is of foreign origin. The seeds of hybrid varieties are obliged to be renewed each year. This situation makes our country growers dependent on foreign hybrid seeds and this leads to loss of foreign exchange. In our country, while a lot of varieties of other species are presented to the market with the vegetable breeding studies of private sector, new varieties of eggplant are supplied to the market insufficiently and the same varieties are produced for many years. This project will be carried out to improve long and oval new eggplant varieties, suitable for greenhouse production and market demands. This study is a continuation of the project started in 1995 at Batı Akdeniz Agricultural Research Institute. Segregating lines from previous breeding programs will be used as material. Heterosis breeding will be applied for obtaining new eggplant varieties.