



Registration of “Fener” Eggplant (*Solanum melongena* L.) Variety

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“Fener” eggplant (*Solanum melongena* L.) variety was developed by Aegean Agricultural Research Institute (AARI) and registered in 2017. Fener is pear shaped and violet-skinned hybrid eggplant variety, in other words traditional “Topan” type in Turkey. It was obtained by crossing purelines in the AARI gene pool.

Fener has vigorous, semi-erect and medium high plants. Its leaf blade size is large but sinuation of margin and intensity of green color are medium.

Fener’s flower size is large, number of flowers are one to three on axil, and intensity of purple color on flower is medium. The average fruit weight is 250-300 g, and fruit shape is pear shaped. The size of pistil scar is large, and apex of fruit is flattened. On the other hand, main color of skin at harvest maturity of fruit is violet with strong glossiness (Figure 1).

Length of fruit peduncle is medium. Besides size of calyx is large and anthocyanin coloration of calyx is present but its intensity is weak. Than spininess of calyx is absent or very weak, this character is highly preferred by both farmers and consumers, and anthocyanin coloration underneath calyx is present with weak intensity.

Average yield of “Fener” variety in field test was recorded 71.460 kg ha⁻¹. The number of days from planting to first harvest are 60-65 days, and from the first harvest to the last harvest are 100-110 days. The variety Fener is recommended for commercial cultivation in open field areas. It is consumed as fresh vegetable as well as in roasted form. The seeds of the Fener variety have been produced by AARI.



Figure 1. Pictures showing fruit shape of Fener variety. (Original)

References and Notes

Anonymous (2017). Variety Registration and Seed Certification Center Directorate Technical Report, Ankara, Türkiye. (in Turkish)