



Registration of "MASS 1001" Tomato (*Solanum lycopersicum* L.) Variety

MASS 1001 is tomato (*Solanum lycopersicum* L.) variety developed by Aegean Agricultural Research Institute (AARI) and registered in 2018. It was obtained by crossing the pure tomato lines that selected from local populations in the gene pool of AARI. Tomato breeding program has been carried out in the institute for many years and lots of tomato varieties have been developed.

MASS 1001 is mid-season variety and recommended for commercial cultivation in open field areas. It has strong plants and high adaptability. Its plant growth type is determinate and its leaves properly cover the fruits.

MASS 1001 is a large sized red hybrid tomato variety, in other words a beef tomato or beef steak tomato is one of the largest varieties in Turkey. The

average fruit weight of this variety is 400-500 g, and fruit shape in longitudinal section is flattened. The number of locules are also more than six. Because of very large fruit size, depression at peduncle end is strong, size of peduncle scar is broad, size of blossom scar is very large, shape at blossom end is intended to flat, and diameter of core in cross section in relation to total diameter is broad. In addition to this, abscission layer on peduncle is present and ribbing at peduncle end is medium.

MASS 1001, which stands out in terms of taste, and it will be a new flavor for beef type tomato lovers, also suitable for kitchen gardeners as well as market growers. Finally, it is recommended for all tomato growing areas, and the seeds of the hybrid MASS 1001 have been produced by AARI.

Figure 1. Picture showing (a) plants and (b) fruit shape of MASS 1001 variety. (Original)



Sevgi MUTLU, Mehmet Asım HAYTAOĞLU,
Seyfullah BİNBİR*, Ayşe KAHRAMAN

Aegean Agricultural Research Institute (AARI),
İzmir, Turkey.

* Corresponding author e-mail:
seyfullah.binbir@tarimorman.gov.tr

References and Notes

Anonymous (2019). Variety Registration and Seed Certification Center Directorate Technical Report, Ankara, Turkey.