

Morphological Parameters and Selection of Turkish Edible Seed Pumpkins (Cucurbita pepo L.) Germplasm

Authors : Onder Turkmen, Musa Seymen, Sali Fidan, Mustafa Paksoy

Abstract : There is a requirement for registered edible seed pumpkin suitable for eating in Turkey. A total of 81 genotypes collected from the researchers in 2005 originated from Eskisehir, Konya, Nevsehir, Tekirdag, Sakarya, Kayseri and Kirsehir provinces were utilized. The used genetic materials were brought to S5 generation by the research groups among 2006 and 2010 years. In this research, S5 stage reached in the genotype given some of the morphological features, and selection of promising genotypes generated scale were made. Results showed that the A-1 (420), A-7 (410), A-8 (420), A-32 (420), B-17 (410), B-24 (410), B-25 (420), B-33 (400), C-24 (420), C-25 (410), C-26 (410) and C-30 (420) genotypes are expected to be promising varieties.

Keywords : candidate cultivar, edible seed pumpkin, morphologic parameters, selection

Conference Title : ICABBBE 2016 : International Conference on Agricultural, Biotechnology, Biological and Biosystems Engineering

Conference Location : Amsterdam, Netherlands

Conference Dates : May 12-13, 2016