Performance of several newly faba bean lines under Assiut conditions

Wally, E.A., M.A. Farghally, H.S. Abbas and D.S. Moselhy

Abstract:

This investigation was carried out at the experimental farm of the faculty of Agriculture, Assiut University, in two growing seasons of 2007/2008 and 2008/2009, respectively to study the performance of five breeding lines of faba bean produced in general research program of Prof. Dr. Esmat A. Waly and Prof. Dr. Sayed A. Abdel-Aal (Dept. of Horticulture, Faculty of Agriculture, Assiut University). A randomized complete block design with five replicates was used, each represented by 5 plots of the lines. Each experimental plot consisted of 5 rows, 3.5 m long and 60 cm wide. Seeds of each lines were planted in hills at 30 cm apart. Data revealed that line Romy 80 gave the highest number of tillers/plant with highest green pod length (cm), green pod width (cm) and the highest value of green pod weight (g) in the first and second seasons, respectively. Line Assiut 125 had the highest number of dry pods/plant and total dry seed yield (1ton/fed.)

Keywords:

NULL

Published In:

Minia J. of Agric. Res. & Develop., 30 - 3, 443-456