

Determination of Some Agricultural Characters of Developed Pea (*Pisum sativum* L.) Lines

Authors : Ercan Ceyhan, Mehmet Ali Avci

Abstract : This research was made during the 2015 growing periods in the trial filed of 'Research Station for Department of Field Crops, Agricultural Faculty, Selcuk University' according to 'Randomized Blocks Design' with 3 replications. Research material was the following pea lines; PS16, PS18, PS21, PS23, PS24, PS25, PS36, PS47, PS49, PS51, PS54, PS58, PS67, PS69, PS71, PS73, PS83, PS84, PS87 and PSKY and three cultivars and other 2 commercial varieties named as Bolero, Rondo and Ultrello. Some agronomical characteristics such as plant height (cm) number of pod per plant number of seed per pod number of seed per plant 100 seed weight (g) and seed yield (kg ha⁻¹) were determined. Results of the research implicated that the new developed lines were superior compared with the control (commercial) varieties by means of most of the characteristics. Nevertheless, similar researches should be continued in different locations and years.

Keywords : agricultural characters, pea, *Pisum sativum*, seed yield

Conference Title : ICAE 2015 : International Conference on Agricultural Engineering

Conference Location : Rome, Italy

Conference Dates : December 03-04, 2015