

Some Agricultural Characteristics of *Cephalaria syriaca* Lines Selected from a Population and Developed as Winter Type

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Abstract : The research was conducted in the "Randomized Complete Block Design" with three replications in research field of Agricultural Faculty, Selcuk University, Konya, Turkey. In study, a total of 9 *Cephalaria syriaca* promised lines (9, 37, 38, 42, Beyaz 4, 5 Beyaz, 13 Beyaz, 27 Beyaz, Başaklar 2), which were taken from Sivas population, and 1 population were evaluated in two growing seasons (2012-13 and 2013-14). According to the results, the highest plant height, first branch height, first head height, number of branches per plant, number of head per plant, head diameter, 1000 seed weight, seed yield, oil content and oil yield were obtained respectively from Başaklar 2 (68.37 cm), Başaklar 2 (37.80 cm), Başaklar 2 (54.83 cm), 37 (7.73 number/plant), 42 (18.03 number/plant), 9 (10.30 mm), Başaklar 2 (19.33 g), 27 Beyaz (1254.2 kg ha⁻¹), Başaklar 2 (28.77%), and 27 Beyaz (357.9 kg ha⁻¹).

Keywords : *Cephalaria syriaca*, yield, oil, population

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