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
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**Investigation on Agronomical and Quality Characteristics of Improved Clonnes  
in Origanum (Origanum onites L.) Breeding**

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**Abstract:** Flora of west and southwest Anatolian regions are very rich in terms of Origanum species. A large amount of Origanum onites L. plants collected from the flora is consumed in Turkey and exported. In order to determine agronomical and technological characteristics of 14 improved clonnes by selection of Origanum onites L. populations collected flora of İzmir, Muğla and Antalya regions this study was conducted under Bornova ecological conditions. According to two years averages; drog herbage and drog leaf yield were obtained 12760 kg/ha, 7420 kg/ha, respectively. Essential oil rate varied from 2.61 % to 5.12 %, carvacrol rate varied from 70.73 % to 85.68 %.

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