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
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Determination of Some Cytological Characters of Wild Orchardgrass (*Dactylis glomerata* L.) Growing in Erzurum District

Metin TOSUN, İlknur AKGÜN, Sevim SAĞSÖZ
Atatürk Üniversitesi Ziraat Fakültesi Tarla Bitkileri Bölümü,
Erzurum-TÜRKİYE

 [Keywords](#)
 [Authors](#)



agric@tubitak.gov.tr

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Abstract: In this study, some cytological characters of orchardgrass were examined naturally growing in Erzurum. Plants assessed for their chromosome number were tetraploid ($2n=28$). In metaphase I stage the most prevalent pairing was bivalents (avg. 8.37). This was followed by quadrivalent (avg. 2.81), univalent (avg. 0.04) and trivalent (avg. 0.015) pairings. All combinations of bivalents and quadrivalents were recorded. In most of anaphase I cells examined chromosomes distribution to poles were even (14:14), however some cells had laggings and bridges. In addition, 95.17% of observed tetrads had no micronucleus.

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