

# POLLEN CONCENTRATION DATA SET FOR COMMON RAGWEED (*AMBROSIA ARTEMISIIFOLIA*) IN 2019-2020, IN HUNGARY

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Common ragweed (*Ambrosia artemisiifolia* L.) pollen allergy has become a major public health problem. In Hungary, more than 1 million people suffer from ragweed pollen allergy. The pollen concentration of the tree of heaven was measured in six counties of the Great Plain region (Jász-Nagykun-Szolnok county, Hajdú-Bihar county, Szabolcs-Szatmár-Bereg county, Bács-Kiskun county, Csongrád-Csanád county, Békés county) with the 7-day Hirst-type (Burkard) pollen trap. The highest annual total pollen count was detected in 2019 in Hajdú-Bihar county (17,590 grains ). Our work draws attention to the differences in the distribution of common ragweed in the Great Plain region, based on which it can be seen that there can be many differences between the cities in terms of the total annual pollen count.