



The largest ligulate radial flowers were found in the population Timișoara (2.16 cm), population Ghiroda (3.4 cm), Săcalaz population (3.46 cm). The local populations presented values of the length of the central tuberos flowers between 0.46 cm in Petrana population and 4.5 cm in the population of Săcalaz. The largest diameter of the anthodes was observed in the local population Izvin (5.36 cm), and the smallest in the local population Ghiroda (1.4 cm). The populations that exceeded the control in terms of the diameter of the anthodes were: Săcalaz population and Dumbrăvița population. The study of the main characteristics of the flowers allowed us to evaluate the variability of the biological material used, and to identify some potential parents, for the future hybridization programs.