

**ROSEHIP PHYTONEMATODES (ROSA CANINA L.) IN THE  
NORTHERN REGIONS OF THE SURKHANDARYA REGION OF  
UZBEKISTAN**

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**ABSTRACT**

*The article provides data on the fauna and distribution of phytonematodes in the root soil and root system of wild rose plants in the northern regions of the Surkhandarya region of Uzbekistan. As a result of the research, 29 species of phytonematodes were identified, belonging to 18 genera, 12 families, 5 orders and 2 subclasses. Among the phytonematode fauna of rosehip plants, numerous species were *Cephalobuspersegnis*, *Chiloplacussclerovaginat*, *Ch.quintastriatus*, *Panagrolaimusrigidus*, *Aphelenchusavenae*, *Aphelenchoidesparietinus*, *A.composticola*, *A.limberi*, *A.blasthophthorus*, *A.graminis*, *Helicotylenchuserythrinae*, *Pratylenchuspratensis* and *Ditylenchusdipsaci*.*

**KEYWORDS:** *Rosehip, Phytonematodes, Fauna, Root Soil, Root System.*

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**REFERENCES**

1. Dekker H. Plant nematodes and their control. - M. Kolos, 1972. 445 p.
  2. Paramonov A. A. On some fundamental issues of phytohelminthology // In the book: Sat. works. of young phytohelminthologists. - M.: 1958. - S.3-11.
  3. De Man J.G. The native nematodes living freely in the pure earth and in the fresh water. - Tijdschr // Nedrl. Dierk. Vereen, 1880. – V.5. – 104 p.
  4. Witkowski T. Structure of nematode groups in agricultural soil // Stud. Soc. Sci. Torum. 1966. T.8. - No. 3. - 53 p.
  5. Micoletzky G. The free-living terrestrial nematodes, with special consideration of Styria and Bukovina, at the same time with a revision of all non-marine, free-living nematodes in Farm von esenus-descriptions and identification keysh // Arch. Naturgesch. -1922. Ant. A. – Vol. 87. – 650 p.
  6. Seinhorst J.W. A rapid method for the transfer of nematodes from fixative to anhydrous glycerin // Nematologica. 1959. V. 4, № 1. P. 67-69.
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