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BIO-MORPHOLOGICAL FEATURES OF SALSOLA RICHTERI KAR IN CULTURAL CONDITIONS

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ABSTRACT

The article is devoted to the study of the bio-morphological features of the Richter's saltwort (salsola richteri kar.) in the conditions of culture. Good growth of cherkez on bare sands, high seed productivity, the ability to reproduce by seeds and cuttings and tolerate significant salinity, powerful growth of the root system contributed to its promotion as a promising plant when fixing the sands.

KEYWORDS: *Root System, Vertical Direction, Horizontal Direction, Seed Productivity, Ability To Reproduce By Seeds And Cuttings, Fodder Plant, Growth And Development, Experimental Plot, Lateral Roots, Branching, Aboveground And Underground Parts, Germination And Germination Of Seeds, Cotyledons, Flowering And Fruiting, Drought Resistance.*

REFERENCES

1. Baltabaev M., Zhapakova U. Features of the development of the structure of the root system SalsolarichteriKar. ex. Litv. On Sat. Some issues of enrichment of natural pastures in the Karakalpak part of the The Kizil Kum. Nukus, 1983.-27-31s

2. Baltabaev M. Dynamics of distribution of the root system of Richter's saltwort in culture. Biological and ecological characteristics of some fodder plants and their introduction into culture. Nukus, 1984. —37–41 p.

3. Baltabaev M., Embergenov M. Growth and development of Salsolarichteri in the conditions of culture of the Karakalpak part of The Kizil Kum / Bulletin of Science and Education No. 4 (58). Part 2, Moscow, 2019.-12-15s. Russian Impact Factor: 3.58

4. Zapremetova N.S. Shrub saltwort of the desert of Uzbekistan and the issues of their introduction into culture. In the book: Materials on the vegetation of the low-mountain deserts Cf. Asia. Tashkent, 1959.

5. Nechaeva N.T., Prikhodko S.Ya. Artificial winter pastures in the foothill deserts of Central Asia. "Turkmenistan", 1966.

6. Nikolaeva M.G., Razumova M.V., Gladkova V.N. Handbook on germination of dormant seeds, Leningrad: Nauka, 1985, 348 p.

7. Vainagiy I.V. On the methods of studying the seed productivity of plants. // Bot.zhurn. - 1974. - T. 59, No. 6. - S. 826 - 831.

8. Ponomarev A.N. Subject and some aspects of antecology. // Questions of antecology. - L .: Nauka, 1969 .-- S. 16-30.

9. Rabotnov T.A. Life cycle of perennial herbaceous plants in meadow cenoses. // Tr. BIN ANSSSR .: Geobotany. - 1950. Issue. 6, series 3. - S. 7-204.

10. Serebryakov I.G. Morphology of vegetative organs of higher plants // M .: Nauka, 1952 .-- 392.

11. Fedorov Al.A., Kirpichnikov M.E., Artyushenko Z.T. Atlas of Descriptive Morphology of Higher Plants. Sheet. - M., L .: Publishing house of the Academy of Sciences of the USSR, 1956 .-- 304 p.

12. Fedorov Al.A., Kirpichnikov M.E., Artyushenko Z.T. Atlas of Descriptive Morphology of Higher Plants. Flower. - M.-L .: Nauka, 1975 .-- 352 p.

13. Firsova M.K. Research methods and assessment of seed quality. - M .: Publishing house of the Academy of Sciences of the USSR, 1955 .-- 365 p.