

THE PROMISING ASSORTMENT OF ROSES FOR A LANDSCAPING AND BREEDING IN THE CONDITIONS OF A FOOTHILL ZONE OF THE CRIMEA

Gorodnyaya E.V.

*Taurida National V.I. Vernadsky University, Simferopol, Crimea, Russian Federation
E-mail: mal.ek@mail.ru*

Due to the need to expand the assortment of plants adapted to local soil and climatic conditions in the Botanical Garden of Taurida National V.I. Vernadsky University (TNU) the introduction, introduction study and complex varieties evaluation of garden roses are held, with a view to identify promising assortment for use in landscaping and breeding in the conditions of a Foothill zone of Crimea.

As the result of this work on the basis of a comprehensive varieties evaluation the new assortment of garden roses, promising for different kinds of landscaping, as well as for breeding in the conditions of a Foothill zone of Crimea was formed. This promising assortment includes 45 varieties of foreign and domestic breeding from 9 the most popular in ornamental horticulture and floriculture industry groups of garden roses: hybrid tea, floribunda, grandiflora, climbing, shrub, miniature, polyanthus, groundcover, Rose Kordes. For roses from assortment in the article the data of phenological observations, the morphological features of the bush, inflorescence, flower, flowering, evaluation of winter hardiness, resistance to diseases and pests, as well as decorative qualities of the flower and bush are presented.

Keywords: garden roses, promising assortment, Foothill zone of Crimea.

References

1. Repetskaya A.I., Savushkina I.G., Leonov V.V., Kirpichiova L.F., *The Botanical Garden of Taurida National V.I. Vernadsky University*, p.232. (Lybid, Kiev, 2008)
2. Klimenko Z.K., Rubtsova E.L. *Roses (introduced and cultivated in Ukraine)*, 212 p., (Naukova Dumka, Kiev: 1986)
3. *Modern Roses*, (The American Rosa Society Shreveport, Louisiana) – 12,576 (2007).
4. Repetskaya A.I., Artem'eva L.A., Gorodnyaya E.V., Kazakova I.S., Kravchuk E.A., Leonov V.V., Martinov S.A., Mykhailova O.A., Peletskaya T.P., Pidgajnyaya E.S., Reshetnikova L.F., Savushkina I.G., Seit-Ablaeva S.S., Tomilko A.V., Halyavina S.V. *The annotated catalog of plants the Botanical Garden of the Crimean Federal V.I. Vernadsky University*, p.184. (IT "ARIAL", Simferopol, 2014).
5. Gorodnyaya E.V., Tomilko A.V., Maksimov S.V. The rose collection of Botanical garden of Taurida National V.I. Vernadsky University, *Abstract of International scientific. Conference "Prospects for the introduction of ornamental plants in the botanical gardens and arboretums"*, (Simferopol, 2014), p.23.
6. Beydeman I.N. *Method of study of phenology of plants and plant communities*, 139 p. (Science Publishing House, Moscow, 1974).
7. Bylov V.N. *Based on comparative grade variety of ornamental plants. Introduction and selection of ornamental plants*, 732 p.-(Nauka, Moscow, 1978).
8. Klimenko V.N., Klimenko Z.K. *Methodology primary comprehensive varieties of garden roses*, 20 p. (GNBS, Yalta: 1971).
9. *Methods of state crop variety trials. Vol. 6: ornamental crops*, 224 p., (Kolos, Moscow, 1968).

Поступила в редакцию 16.11.2014 г.