Ministry of Science and Higher Education of the Russian Federation

Federal Research Center
the N.I. Vavilov All-Russian Institute of Plant Genetic Resources (VIR)

The Government of the Arkhangelsk Region
Ministry of Agro-Industrial Complex and Trade of the Arkhangelsk Region

Proceedings of the Scientific Conference

KOTLAS AS A CONTACT ZONE: RUSSIAN SCIENTISTS FOR THE ARCTIC AND ABOUT THE ARCTIC

Kotlas, April 15, 2022

Abstracts

St. Petersburg, 2022

Project partners:
Ministry of Agro-Industrial Complex and Trade of the Arkhangelsk Region, Administration of the Velsky Municipal District, Administration of the Kotlas City District, Representation of the Arkhangelsk Region in St. Petersburg, N.I. Vavilov All-Russian Institute of Plant Genetic Resources

АГРОФОРУМ
ОТ НАУКИ ДО ПРАКТИКИ
АРХАНГЕЛЬСКАЯ ОБЛАСТЬ

UDC 575:631.52:631/635:631.117.4(470+571)

Kotlas as a contact zone : Russian scientists for the Arctic and about the Arctic : Proceedings of the Scientific Conference, Kotlas, April 15, 2022 : Abstracts : scientific online edition / Yu. V. Ukhatova, E. A. Sokolova (eds) ; N.I. Vavilov All-Russian Institute of Plant Genetic Resources. – St. Petersburg : VIR, 2022. – 41, [1] p. : tab., ill.

ISBN 978-5-907145-85-6

Hereby we present the program and abstracts of the scientific conference "Kotlas as a contact zone: Russian scientists for the Arctic and about the Arctic", which was held on April 13–15, 2022 in the Arkhangelsk Region as part of the first interregional AgroForum "From Science to Practice" dedicated to the 105th anniversary of Kotlas (hereinafter referred to as the Event/Conference).

The Governor of the Arkhangelsk Region A.V. Tsybulsky signed an Agreement on scientific cooperation with the Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources (VIR) (Director, Professor of the Russian Academy of Sciences E.K. Khlestkina). This marks a transition to a new stage of joint activities. It is associated with the development of import substitution in agriculture. The features of farming in the conditions of the north will be studied in cooperation with VIR to enable farmers and agricultural producers implement the results of the research work performed at VIR in practice.

The main goal of the Conference was the introduction of scientific achievements of Russian scientists into practice and the popularization of science.

The main issues covered by the Conference were the interdisciplinary research of the northern territories, northern agriculture, genetic technologies and plant genetic resources for the development of northern agriculture, inventory of crop wild relatives in the Arctic and the Subarctic, the state of the art of breeding and seed production in the northern regions, priority areas of agronomic research, forage grasses and potato breeding, as well as the adaptation of agriculture in the northern territories to climate warming. A special attention at a meeting held after the Conference was given to personal subsidiary farming in the conditions of the north; the scientists spoke about vegetable, fruit and berry crops growing, seed purchases, and healthy nutrition.

Addressed to a wide circle of experts in the sphere of education and agriculture, including undergraduate and postgraduate students, young scientists, horticulturists and amateur gardeners.

Abstracts are published in the authors' initial versions. The authors (co-authors) of the published abstracts are responsible for the impartiality and reliability of the data presented.

UDC575:631.52:631/635:631.117.4(470+571)

ISBN 978-5-907145-85-6
DOI 10.30901/978-5-907145-85-6

CONTENTS