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Yakut Scientific Research Institute of Agriculture named after M.G. Safronov (YSRIA)
Leading Researcher at Laboratory of vegetable and berry cultures
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Date of birth: 02.11.1967

Short biography

Since 2017	Leading Researcher at Laboratory of vegetable and berry cultures, YSRIA
2007-2017	Head of Laboratory of vegetable and berry cultures, YSRIA
2004	Obtained the degree of Candidate of Agricultural Sciences in the expertise area "Breeding and seed production"
1999-2007	Research Associate at Laboratory of vegetable and berry cultures, YSRIA
1998-1999	Chief agronomist of Experimental Production Company "Pokrovskoe", Scientific Production Association "Yakutsk"
1994-1998	Researcher, Department of Potato, Center for Northern Agriculture and Breeding, Scientific Production Association "Yakutsk"
1993-1994	Research Associate at Laboratory of Environmental Biochemistry, Institute of Biological Problems of Cryolithozone, Siberian Branch, Russian Academy of Sciences, Yakutsk
1990-1993	Doctoral student at the Moscow Agricultural Academy named after K.A. Timiryazev, Faculty of Agronomy, Department of Agricultural Biotechnology
1989	Graduated from the Moscow Agricultural Academy named after K.A. Timiryazev, Faculty of Agronomy, Department of Agricultural Biotechnology

Research areas

- The culture of honeysuckle under the conditions of Central Yakutia, adaptation and productivity
- Berry cultures in Yakutia

Select publications (in Russian)

- **Ivanov, A.A.** *Adapted varieties – the basis of sustainable production of berry crops in the Republic of Sakha (Yakutia)*. In: Conference Proceedings "Integration processes of the world scientific and technological development", 29.11.2017, Belgorod, p. 15-17.
- **Ivanov, A.A.** *Honeysuckle Culture in Central Yakutia*. In: Conference Proceedings, LXII International Scientific and Practical Conference "Scientific discussion: innovation in the modern world", No 2 (61), Moscow 2017.
- Okhlopko P.P., Stepanov A.I., Sivtseva V.I., **Ivanov, A.A.**, Pavlova S.A. The main directions of research in the crop of Yakutia, *Bulletin of the Far Eastern Branch of the Russian Academy of Sciences* 2016, 2 (186) p. 71-76.
- Okhlopko P.P., Stepanov A.I., Emelyanova A.G., Sivtseva V.I., **Ivanov, A.A.**, Pavlova S.A. The state and prospects of crop production in Yakutia. *Agrarian science*. 2016, No 9, pp. 9-10.
- **Ivanov, A.A.**, Gotovtseva L.P. *Varieties of black currant breeding at the Yakut Scientific Research Institute of Agriculture*. In: Conference Proceedings "A new word in science: development prospects", VI International scientific-practical conference, Cheboksary, 20.10.2015, ed: O. N. Shirokov et al. Cheboksary 2015. 4 (6). Pp. 11–12.
- **Ivanov, A.A.**, Gotovtseva L.P. *Phenology of varieties of honeysuckle in Yakutia*. In: Conference Proceedings "Modern trends in the development of science and technology" 31.10.2015, ed: E.P. Tkacheva. Belgorod, 2015. 7, part II, pp. 79-81.

- **Ivanov, A.A.**, Belevtsova, V.I. Strawberry selection and honeysuckle cultivation in Central Yakutia. Bulletin of the Buryat State Agricultural Academy named after V.R. Filippov. **2014**, 4.
- Chertkova M.A., Gotovtseva L.P., **Ivanov, A.A.**, Gabysheva N.S. *Evaluation of berry bushes productivity in Central Yakutia*. In: The state and prospects of development of Siberian gardening. Barnaul, August 20-22, 2013 / Russian Agricultural Academy. Institute of Gardening of Siberia named after M.A. Lisavenko. Barnaul, **2013**, p. 188-191.
- **Ivanov, A.A.** *Evaluation of honeysuckle variety samples in Central Yakutia*. In: Conference Proceedings "Breeding, seed production and technology of cultivation of fruit and berry crops and potatoes", South Ural Scientific Research Institute of Fruit and Potato, Chelyabinsk. **2011**, p. 78-81.
- Chertkova, M.A., Gotovtseva, L.P., **Ivanov, A.A.**, Sergeeva, N.S., Naumov, A.S. *Study of introduced black currant varieties in the conditions of Central Yakutia*. In: Achievements of science and technology of the agro-industrial complex The Ministry of agriculture of the Russian Federation and LLC Editorial Board of the journal "Achievements of science and technology of the agro-industrial complex", **2011**, 4, pp. 45-48.
- Chertkova, M.A., Gotovtseva, L.P., **Ivanov, A.A.**, Sergeeva, N.S. Improving the sustainability of garden crops to adverse environmental conditions in Yakutia). Bulletin of the Buryat State Agricultural Academy named after V.R. Filippov. **2010**, 2, p. 95.

Dr. Polina Petrovna Okhlopkova

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Research areas

- the search for effective methods of reproduction, multiplication of highly productive seed potato material and agro-technology of its cultivation in the extreme conditions of the Far North
- the phytosanitary conditions of planting potatoes in Yakutia
- diseases of potato, the degree and rate of repeated infection with viral diseases in vivo

Track record

More than 200 publications

Select publications (in Russian)

1. Okhlopkova, P.P. Evaluation of potato hybrids under conditions of Yakutia. In: *Herald of the agrarian and industrial complex of Stavropol*, **2016**, 3 (2).
2. Okhlopkova, P.P. Assessment of hybrids of potatoes in the conditions of Yakutia. In: Eurasian Union of Scientists, **2016**, 5 (26), Vol. 1, pp. 114-118.
3. Okhlopkova, P.P. Evaluation of the original parental forms for hybridization under the conditions of Yakutia. Proceedings of the international conference "Problem and taxonomy of potato breeding", 01.08.2016, p. 48.
4. Okhlopkova, P.P. Creation of potato varieties suitable for cultivation under extreme conditions of Yakutia. In: *Science and education*, **2015**, 2 (78), pp. 137-140.
5. Okhlopkova, P.P. Selection of potato varieties for hybridization under the conditions of Central Yakutia. In: Current state and prospects of potato growing. Cheboksary. **2012**.
6. Okhlopkova, P.P. Selection of potatoes in the conditions of Central Yakutia. In: *Achievement of science and technology of agroindustrial complex*, **2011**, 5, pp. 35-36.
7. Okhlopkova, P.P. Evaluation of the parental potato nursery for berry formation under conditions of Central Yakutia. In: *Science and education*, **2011**, 2 (62), pp. 98-100.
8. Okhlopkova, P.P. The state of potato seed production in Yakutia and ways to improve it. In: *Science and education*, **2010**, 2 (58).
Okhlopkova, P.P. Assessment of potato hybrids in Yakutia. In: *Science and education*. Yakutsk. **2009**.
9. Okhlopkova, P.P. Selection of potatoes in Yakutia. In: *Siberian Herald*, **2009**, 11.

Patents of the Russian Federation

- No 2537899, The method of controlling weeds in the cultivation of fruit and berry and medicinal crops on permafrost soils, 13.11.2014
- No 2534889, The method of combating soil pathogens of potatoes in permafrost soils, 07.10.2014
- No 6328, Potato variety "Severnyi", 2012
- No 2428008, The method of combating the blackleg, rhizoctonia, wrinkled and mosaic potato virus, 2011
- No 3308, Potato variety "Yakutianka", 2006