Dragavtsev Viktor A.

Born October 18, 1935 in Sochi. Graduated from the Kazakh Agricultural Institute (1959). Doctor (PhD, DSc) of biological sciences (1985), professor (1989), academician of the Russian Academy of Agricultural Science (2001), full member of Russian Academy of Science (2013). Prominent scientist in genetics and breeding of agricultural plants. Senior researcher at Main Botanical Garden of Kazakh SSR (1960-1964), senior researcher and Head of Laboratory of genetic basis for plant breeding at Institute of Cytology and Genetics of Siberian Branch of the USSR Academy of Science (1965-1984). Deputy. Director and the Head of Department of Biotechnology and Genetics of Krasnodar Research Institute of Agriculture (1985-1989). Director and the Head of Laboratory of Ecological Genetics of All-Russian Institute of Plant Industry (1990).

Qualification: plant genetics and breeding, heredity and variability, genotypic and phenotypic variability, genetic control of quantitative traits, epigenetics, ecogenetics, algorithms for control of breeding on the base of mathematical models for genotype—environment interactions.

Under his leadership and with the direct participation the largest cooperative world program on genetics of spring wheat traits was designed and carried out; the principle of background features of the plants was formulated, which promotes a rapid discrimination of heredity and environment effects on the individual plant productivity in population. Co-author of the theory of identification of plant genotypes on phenotypes at the early stages of breeding, co- author of the theory of ecogenetical organization of complex traits, determining plant productivity.

More than 3,000 scientific publication (h = 13). Has 5 patents for inventions. A number of works are published abroad.

Honored Scientist of the Russian Federation (1996), awarded the Order of Friendship (2006). 3 is a member of three foreign academies, Professor Emeritus of the University of Nitra (Slovakia) and Lugansk Agricultural University (Ukraine).

Key publications (h = 13):
Theory of selection in plant populations /With L.V. Khotyleva et al. Novosibirsk, 1976 - 264 p.

Problems of selection and evaluation of breeding material. Kiev, 1980 - 108 p.

Genetics of productivity traits of spring wheat in Western Siberia /With R.A. Tsilke et al. Novosibirsk, 1984 - 230 p.

Ecogenetic approach to plant breeding (for cotton and triticale) /With V.A. Bobodzhanov et al. St. Petersburg. 2002 - 112 p.

On the problem of genetic analysis of polygenic quantitative traits in plants. St. Petersburg, 2003 - 34 p.

Mathematical modeling in plant breeding. I. Theoretical basis of genotypes identification on their phenotypes during selection in segregating generations. Sel'skokhozyaistvennaya biologiya [Agricultural Biology], 2013, 1: 26-34.

Mathematical modeling in plant breeding. II. Algorithms for control of genetic-breeding improvement of economically valuable properties in self-pollinators Sel'skokhozyaistvennaya biologiya [Agricultural Biology], 2013, 1: 35-41.

Third variability, the inheritance types and seed production in plants. S.I. Maletsky, N.V. Roik. Sel'skokhozyaistvennaya biologiya [Agricultural Biology], 2013, 5: 3-29.