

THE ORIGIN OF THE RADIATION TYPE FROSTS ON THE TERRITORY OF LENINGRAD REGION

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The analysis of interannual variability in the number of frosts is presented. The paper provides information on the basic daily and seasonal characteristic, as well as on the average and actual dates of last spring frosts occurrence for the three districts of the Leningrad region for the period from 1966 to 2013. On the general background of climate change in the region the tendency of decrease in the number of frosts in the spring and fall seasons is being observed together with an increase in frost-free period and a shift of last spring frost to an earlier date. The results of the study can be used to adjust the dates of spring crop seeding, vegetable planting and harvesting in the region.

Keywords: radiation frost, concealed frost, radiation cooling, frost free period.