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Long-Term Dynamics of Agrochemical Parameters in Chayinsky Forest Nursery of Tomsk region

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Abstract. *The results of the 9th agrochemical soil survey of the Chayinsky forest nursery of the Tomsk region are presented. Soil fertility was assessed on a producing area of 11.5 hectares, including 13 elementary soil plots. The survey identified 7 main indicators of soil fertility: acidity, hydrolytic acidity, humus, mobile phosphorus, exchangeable potassium, degree of acidity and granulometric composition. The low fertility of the growing fields was established and a comparative characteristic was carried out with the data of the previous agrochemical survey. There has been a strong acidification of soils in the last 10 years and a decrease in humus content to a minimum level. Based on the results obtained, recommendations are proposed to increase soil fertility for the cultivation of standard planting material in a timely manner.*

Key words: *agrochemical indicators, forest nursery, soil fertility, soil acidity, nutrition elements.*

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