

**95-0030**

The invention relates to the agriculture. the aim of the invention - plants frost-resistance increasing by winter cereal seeds treatment with N-(3-carboxypropionylamino) pyrrolidine in concentration of 50-200 mg/l at the substance expense per seeds 1t of 25-100 g. N-(3-carboxypropionylamino) pyrrolidine is practically toxicless - LD<sub>50</sub> more than 10000 mg/kg. In the laboratory tests the survival rate of plants after seeds frosting up to -14°C increases 2,7-3,7 times in comparasion with control (water treatment), 25-30% more that at the chlorcholin-chloride solution seeds treatment (2500 mg/l) and 10-26% more than at the cartolyne - 2(25-30 mg/l) treatment.

In the vegetation tests after seeds frosting up to 18°C the survival rate of the wheat variety Odesskaya 51 is 1,5 times more than at the control, and half one more of the wheat variety Luch that is 15-25% more that in the tests with chlorcholine chloride.