

The drug-phytoregulators "Novosil" and its impact on protein-proteinase complex of malting barley

© Gennady P. Karpilenko,¹ Sergey L. Belopukhov,^{2*} Irina S. Vitol,¹ Olga V. Gavrulina,¹ and Tatiana I. Shatilova,³ and Vladimir T. Semko²

¹ Department of Organic, Food and Biochemistry. Moscow State University of Food Production. Volokolamskoe. Sh., 11. Moscow, 123080. Russia.

Phone: +7 (499) 158-71-33. E-mail: vitolis@yandex.ru

² Department of Physical and Organic Chemistry. RGAU-MSHA named after K.A. Timiryazev. Timiryazevskaya St., 49. Moscow, 127550. Russia. Phone: +7 (499) 976-32-16.

E-mail: belopuhov@mail.ru

³ Department of Agronomic and Biological Chemistry. RGAU-MSHA named after K.A. Timiryazev. Timiryazevskaya St., 49. Moscow, 127550. Russia. Phone: +7 (499) 976-29-71.

*Supervising author; +Corresponding author

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Abstract

The influence of the preparation «Novosil» on protein-proteinase complex of malting barley. It is established that the processing of the product of vegetating plants of barley leads to the change in the fractional composition of barley proteins and the malt obtained from it, as well as increases catalytic activity of neutral and acid proteinases. Gel-chromatography method has shown that the processing of the preparation «Novosil» increases the degree and depth of hydrolysis of spare proteins in germinated barley seeds and provides the necessary degree of hydrolysis of endosperm proteins – an important indicator of the finished malt.