

AZ ŐSZI BÚZA LISZTEK SMS2 TEXTURE ANALYSERREL (KIEFFER) VÉGZETT VIZSGÁLATA

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ABSTRACT – Examination of winter wheat flours with SMS2 Texture Analyser (Kieffer)

Nowadays, many methods have been worked up in the interests of objective expression of winter wheat rheological quality. These define wide spectrum in view of their complexity and apparatus claim.

We have to know the new, untraditional quality parameters in Hungary, that satisfy costumers of the European Union in export market. The ambition of importers is shown by the fact that needs of certain suppliers and costumers for the extensographical parameters have increased in Hungary.

In present study we examined extensographical parameters of 10 Hungarian winter wheat which were produced in 2005-2007. Data show that GK Hattyú and GK Petur varieties have high extensographical resistance of extension and GK Csongrád and GK Piacos present high extensibility and subarea parameters. GK Garaboly shows the lowest parameters in 2006. GK Kapos presents low resistance of extension and subarea values and GK Hattyú the lowest extensibility.

In the standards there is no limit for extensographical parameters. The costumers dictate the limits and write their claims in the specifications. We can grouped the analysed flour according to requiments of member states of the European Union.

Keywords: winter wheat, rheological characteristics, alveograph, extensigraph

Kulcsszavak: őszi búza, SMS2 Texture Analyser, extenzográfós vizsgálat, Kieffer mérés