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Relationship between Baking Quality and Proportio Gluten in Wheat Flour

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The relationship between loaf volume and the proportion of SDS-in flour was studied using *N*-ethylmaleimide (NEMI) as a modifying reloaf volume responded to NEMI and was maximum at 10 ppm NE the absence of yeast food. SDS-insoluble gluten had the same responded that the loaf volume was positively reloads. SDS-insoluble gluten. With excess NEMI (100 ppm), a substantial insoluble gluten was observed in the doughs. This was accompanie

relative viscosity of the ethanol-insoluble fraction (glutenin). This re excess NEMI caused a decrease in the molecular size of glutenin, pradical mechanism, leading to the decrease in SDS-insoluble gluter deterioration of the baking quality of wheat flour. On the other hand NEMI may determine the proportion of SDS-insoluble gluten and

Keywords: SDS-insoluble gluten, N-ethylmaleimide, baking qualit (ingredient)



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