

MEDIA REVIEW

The ICC Handbook of Cereals, Flour, Dough and Products: Methods, Tests and Applications

Linda S. Young

BakeTran, High Wycombe, UK

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This new work provides a comprehensive review of the many different tests and methods that are used to evaluate the qualities of grains, their intermediates (flours) and the different products that are manufactured from them. Authors from around the world discuss the various applications of existing methods in different contexts from the field to the interface with the consumer. They have also considered emerging methods and concerns for the science, technology and production of grains and grain-based foods. In the various chapters the grains considered include wheat, rye, oats, maize, sorghum, millet and rice.

While many of the analytical methods used for the evaluation of grains are well-known, their use and the value of the information collected from them vary according to the context in which the measurements are made. For example, the measurement of grain protein provides different information for the grain breeder, the grower, the merchant, the miller and the baker; for the breeder it provides information on the potential of a new grain variety, for the farmer it can influence the application of fertilisers,

for the grain merchant it will impact on the market position for the grain, the miller needs to ensure that a quality specification is met and the baker will know how to adjust recipe and process conditions.

Many cereals testing methods are associated with particular instrumentation and in a unique manner this book combines commercial information supplied by ICC Corporate Members with the underpinning science and technology to provide a comprehensive treatise on cereals testing and evaluation.

With its emphasis on applications this book will be of value to experts and students alike, as an extensive reference work and as a source of ideas.

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