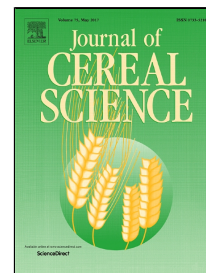


Accepted Manuscript

Spatial distribution patterns of protein and starch in wheat grain affect baking quality of bread and biscuit

Qin Zhou, Xiangnan Li, Jianting Yang, Longjing Zhou, Jian Cai, Xiao Wang, Tingbo Dai, Weixing Cao, Dong Jiang



PII: S0733-5210(16)30353-8

DOI: 10.1016/j.jcs.2017.07.017

Reference: YJCRS 2412

To appear in: *Journal of Cereal Science*

Received Date: 14 October 2016

Revised Date: 20 June 2017

Accepted Date: 18 July 2017

Please cite this article as: Qin Zhou, Xiangnan Li, Jianting Yang, Longjing Zhou, Jian Cai, Xiao Wang, Tingbo Dai, Weixing Cao, Dong Jiang, Spatial distribution patterns of protein and starch in wheat grain affect baking quality of bread and biscuit, *Journal of Cereal Science* (2017), doi: 10.1016/j.jcs.2017.07.017

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Title: Spatial distribution patterns of protein and starch in wheat grain affect baking
quality of bread and biscuit

Running title: Quality variation within flours from different layers of wheat grains

Authors: Qin Zhou, Xiangnan Li, Jianting Yang, Longjing Zhou, Jian Cai^{1*}, Xiao
Wang, Tingbo Dai, Weixing Cao, Dong Jiang

Affiliations: National Technique Innovation Center for Regional Wheat Production /
National Engineering and Technology Center for Information Agriculture
/ Key Laboratory of Crop Physiology and Ecology in Southern China,
Ministry of Agriculture, Nanjing Agricultural University, Nanjing
210095, China

Correspondence author: Jian Cai, Email address: caijian@njau.edu.cn

Tel & fax: +86 25 84399623

Number of tables: 4

Number of figures: 2

Download English Version:

<https://daneshyari.com/en/article/8881511>

Download Persian Version:

<https://daneshyari.com/article/8881511>

[Daneshyari.com](https://daneshyari.com)