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Effects of pelletized straw on soil nutrient properties in relation to crop yield

L. Zhang¹, J. Wang^{1*}, H. C. Pang¹, J. T. Zhang¹, J. J. Guo², G. H. Dong² & P. Cong¹

¹*Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Science, Beijing, 100081, China, and* ²*Institute of Agricultural Science of Dezhou, Dezhou Shandong, 253000, China*

Corresponding author: H. C. Pang. E-mail address: panghuancheng@caas.cn (H. C. Pang).

* This author contributed equally to this work.

Running title: Pelletized straw improves soil nutrients

Abstract

Poor soil-residue contact from field-chopped straw (CS) application restricts the efficient incorporation and rapid decomposition of crop residues in intensive cropping systems. Pelletized straw (PS), which has a high bulk density and relatively small size, can improve this contact, but its effect on soil fertility after incorporation is not well known. Therefore, a field experiment was conducted over four cropping seasons in Shandong Province, China, to evaluate the effects of corn

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