

## Accepted Manuscript

Effects of non-starch polysaccharides in semi-purified diets on performance, serum metabolites, gastrointestinal morphology, and microbial population of male broiler chickens

H. Kermanshahi , M.D. Shakouri , A. Daneshmand

PII: S1871-1413(18)30108-2  
DOI: [10.1016/j.livsci.2018.04.012](https://doi.org/10.1016/j.livsci.2018.04.012)  
Reference: LIVSCI 3442



To appear in: *Livestock Science*

Received date: 3 November 2017  
Revised date: 10 March 2018  
Accepted date: 18 April 2018

Please cite this article as: H. Kermanshahi , M.D. Shakouri , A. Daneshmand , Effects of non-starch polysaccharides in semi-purified diets on performance, serum metabolites, gastrointestinal morphology, and microbial population of male broiler chickens, *Livestock Science* (2018), doi: [10.1016/j.livsci.2018.04.012](https://doi.org/10.1016/j.livsci.2018.04.012)

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.

**Highlights**

- Soluble vs. insoluble non-starch polysaccharides were evaluated in broilers.
- Soluble non-starch polysaccharides impaired growth performance and altered gut morphology.
- Soluble non-starch polysaccharides increased *E.coli* population in the ileum.
- Insoluble non-starch polysaccharides did not affect performance, and gut morphology and microbiota.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8501894>

Download Persian Version:

<https://daneshyari.com/article/8501894>

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