

**FEEDBACK**  
from the official opponent  
for dissertation work of **Zhang Fenghe**  
«**Mechanisms of regulation of world agricultural markets in the context of globalization**», submitted for the degree of the Doctor of Philosophy (PhD) by  
specialty 073 – Management.

*1. Relevance of the dissertation topic*

Agricultural product trade, as an important component of world commodity trade, has always been valued by countries around the world due to its involvement in basic issues such as food security and social stability. Due to differences in economic policies and natural resource endowments among countries, the instability of world agricultural trade has been caused. Through statistical analysis of the trade data of major agricultural markets in the world from 2011 to 2020, it can be concluded that in recent years, the international trade volume of agricultural products in the world has shown a rapid growth trend, with trade regions mainly in Europe, Asia, the Americas, and developed countries. The proportion of agricultural product trade in developing countries has shown an upward trend.

Developed countries often have significant competitiveness in agricultural product trade due to their technological and financial advantages. However, underdeveloped countries (regions) are at a disadvantage in competition, especially for those countries whose economy relies on agriculture and agricultural product exports.

By studying the international trade volume of major agricultural product markets and categories worldwide. Exploring the relevant factors affecting agricultural trade has important theoretical and practical significance for promoting the development of agricultural trade.

*2. Connection of work with scientific programs, plans, topics.*

The research paper was conducted within the framework of the China Social

Science Foundation project 19BJY44; Henan Provincial Science and Technology Research Program Project Number: HNKJ-2024-00410185.

### ***3. The purpose and objectives of the research***

Aim of the dissertation work is to improve the theoretical and methodological principles, and to provide practical and feasible suggestions for the smooth development of world agricultural market trade.

**To achieve the main goal, it was necessary to solve a number of interrelated tasks:**

- To use international trade related theories to explore the current situation of the world agricultural trade market;
- To use systematic research methods, establish a relevant research framework from the perspective of the world agricultural trade system;
- By studying the main agricultural product markets in different regions, analyze the current trade status of the world's major agricultural product markets;
- To analyze the main trading markets of different categories of agricultural products through research on their transactions;
- To select the specific trading status of agricultural product markets, analyze the trade competitiveness and complementarity between agricultural product markets, and point out the development prospects and space between agricultural product markets;
- To propose policy recommendations and improvement measures to promote the development of global agricultural trade.

**Object of the research** - World agricultural product trade.

**Subject of the research** – To use relevant theories such as economics and international trade to study the current situation of world agricultural trade, the

competitiveness and complementarity between different agricultural product markets, and the development path of agricultural product trade.

#### **4. Scientific novelty of the obtained results**

To deepen the existing theories and provide scientific, practical, and organized suggestions for the development of world agricultural trade. Due to this study, for the first time:

1. Based on the perspective of globalization, applying international trade theory to study the trade scale of global agricultural markets avoids the one-sided approach of studying agricultural trade only from one or more markets, one or more types of agricultural products.

2. A comprehensive analysis was conducted on the scale and flow of agricultural product trade, using two research objects: agricultural product markets and agricultural product categories, to avoid the limitations of the research object.

3. Research on the global agricultural market and key agricultural products, the author believes that promoting agricultural technological progress, optimizing agricultural industrial structure, and adopting active and effective government policies are all effective measures to expand agricultural trade.

#### ***5. Theoretical and practical significance of the obtained results***

This study analyzed the trade data of major agricultural markets in the world from 2011 to 2020, and found that the international trade volume of agricultural products in the world has shown a rapid growth trend in recent years, especially in Europe, Asia, the Americas, and developed countries. The proportion of agricultural product trade in developing countries has also shown a slow upward trend. Developed countries have obvious competitiveness in agricultural product trade with their technological and financial advantages. Underdeveloped regions are at a disadvantage in competition. Studying the international trade of major

agricultural product markets and categories in the world, exploring the relevant factors affecting agricultural product trade, has important theoretical and practical significance for promoting the development of agricultural trade.

***6. The author's personal participation in obtaining the scientific and practical results presented in the dissertation***

Approbation of the scientific and practical results presented in the dissertation was carried out by the applicant personally.

In the published works, printed in co-authorship, individual theoretical developments, setting up and conducting of all experimental studies, processing of the obtained results, scientific analysis of research results, formulation of conclusions and proposals belong to the doctoral student.

***7. List of publications on the topic of the dissertation with an indication of the personal contribution of the recipient***

The results of the author's research, the main scientific propositions and conclusions of the dissertation are sufficiently covered in 14 scientific articles: 7 articles in specialized publications of Ukraine, 4 articles have been published in the Web of Science Core Collection and/or Scopus database, the rest - in other journals and conference proceedings.

**Articles in scientific publications included in the list of specialized scientific journals Ukrainian and other national publications**

1. Zhang Fenghe, Medvid V.(2019).An analysis of the impact of China's regional agricultural export trade on economic growth, Економіка та управління АПК.no.2, pp.23-32. <http://doi.org/10.33245/2310-9262-2019-151-2-23-32> (Ukrainian Journal)

2. Zhang Fenghe, Medvid V, Lu Xu, Zhao Haipeng, Wu Lingling, Zhang Lei.(2020). Analysis of the Characteristics and Competitiveness and Complementarity of Agricultural Trade between China and Ukraine, TEST Engineering & Management magazine. Vol.83, pp.17161-17175.

<https://testmagzine.biz/index.php/testmagzine/article/view/10132>(USA Journal)

3. Zhang Fenghe, Medvid Viktoriia, Zhang Lei, Lu Xu.(2020). Competitiveness and Complementarity of Agricultural Trade between China and Belarus, International Journal of Innovation, Creativity and Change. vol.14, no.10, pp.131-149.[https://www.ijicc.net/images/Vol\\_14/Iss\\_10/141008\\_Fenghe\\_2020\\_E\\_R.pdf](https://www.ijicc.net/images/Vol_14/Iss_10/141008_Fenghe_2020_E_R.pdf)

(British Journal )

4. Zhang Fenghe(2021).Measurement and Analysis of Agricultural Products Trade Level between China and Ukraine, Economics & Management. no.4, pp.137-146.[http://doi.org/10.33146/2307-9878-2021-4\(94\)-137-146](http://doi.org/10.33146/2307-9878-2021-4(94)-137-146)(Ukrainian Journal)

5. Wu Lingling, Chen Fuli, Zhang Fenghe.(2021). The dual margin of Chinese agricultural products export to Japan, Management and entrepreneurship: trends of development. vol.2, no.16, pp.42-53.

<http://doi.org/10.26661/2522-1566/2021-1/16-04> (Ukrainian Journal)

### **Articles in periodical scientific publications indexed in the Web of Science and Scopus databases**

1. Zhang Fenghe (2020). Analysis of the current situation of agricultural trade development between China and Ukraine, Agricultural and Resource Economics: International Scientific E-Journal.vol.6, no.1, pp.23-36.

<http://doi.org/10.51599/are.2020.06.01.02> (web of science, Ukrainian Journal)

2. Zhang Fenghe, Viktoriia Medvid, Lu Xu.(2021). Marketing potential of the Sino-Russian bilateral agricultural export market, Innovative Marketing. vol.17, no.2, pp.163-176. [http://doi.org/10.21511/im.17\(2\).2021.15](http://doi.org/10.21511/im.17(2).2021.15) (Scopus, Ukrainian Journal)

3. Fenghe Zhang.(2021). Competitiveness or Complementarity: Analysis of agricultural trade between China and Brazil, Problems and Perspectives in Management.vol.19,no.4,pp.257-269.

[http://doi.org/10.21511/ppm.19\(4\).2021.21](http://doi.org/10.21511/ppm.19(4).2021.21)(Scopus, Ukrainian Journal)

4.Wu Lingling, Yuriy Danko, Fuli Chen, Xuefeng Yao and Fenghe Zhang(2022). Mapping the literature of integrated marketing communications: Ascientometric analysis using CiteSpace. Innovative Marketing, 18(1),152-167.

[https://doi.org/10.21511/im.18\(1\).2022.13](https://doi.org/10.21511/im.18(1).2022.13) (Scopus, Ukrainian Journal)

### **Articles published at international academic exchange conferences**

1. Zhang Fenghe, Wu Lingling, Zhang Lei.(2020). Complementarity analysis of agricultural trade between china and Ukraine, International scientific conference economy and human-centrism: the modern foundation for human development, April 24th, 2020 Proceedings of the Conference. Leipzig, Germany. pp.9-13.

2. Zhang Fenghe, Wu Lingling, Zhang Lei.(2021). The impact of green trade barriers on China's agricultural products export and countermeasures, International scientific-Practical conference: Actual problems of economics, finance, accounting and law in UKraine and the world, March 17, 2021. Poltava, Ukraine, pp.68-70.

3. Zhang Fenghe, Wu Lingling, Zhang Lei, Viktoriia Medvid.(2021). Research on agricultural products circulation system between china and countries along "one belt and one road" ,The First International Scientific and Practical Internet Conference Proceedings : "modern tendencies of students' foreign language training in the multicultural academic environment". April 17, 2021, Sumy National Agrarian University, pp.20-25.

4. Viktoriia Medvid, Zhang Fenghe, Wu Lingling, Niu Lichen.(2021).The current state of U.S Agricultural trade, III Международная научно-практическая конференция: «modern science: innovations and prospects». 5-7 декабря 2021 года. Стокгольм, Швеция.

5. Zhang Fenghe, Medvid V, Lu Xu.(2022). Category analysis of import and export trade of Ukrainian agricultural products from 2011 to 2020, Proceedings of

the International Scientific and Practical conference «Honcharivski Chytannya» dedicated to the 93 th anniversary of Doctor of Agricultural Sciences professor Mykolay Dem'yanovych Honcharov, 25 May 2022. Sumy, pp.228-231

#### ***8. Structure and scope of the dissertation***

The dissertation consists of an introduction, three chapters, conclusion, and references. The total workload is 268 pages. This work includes tables and legends for studying trade data. The references include 87 publications.

#### ***9. Evaluation of the language and style of the dissertation***

The dissertation is written in competent English, has meaningful integrity, consistency and completeness. The style of presentation of the material corresponds to that accepted in the scientific literature.

#### ***10. Remarks and wishes on the dissertation work***

1. In scientific research, due to the influence of research data, the author did not study the current trade status of all agricultural product trade regions.

2. When studying agricultural trade in developed regions and countries (Europe, Asia, America), there is no analysis of the factors that affect agricultural trade. If the author takes into account the experience of developed agricultural trade regions and the formation of relevant mechanisms in countries, scientific research will gain greater theoretical significance.

The above evaluations and aspirations for the paper work are not fundamental and do not diminish the overall positive evaluation of the paper work.

#### ***11. Conclusion on compliance of the dissertation work with the requirements of the procedure for obtaining a scientific degree***

Zhang Fenghe's dissertation is an independent, complete, and targeted scientific work aimed at improving theoretical and methodological principles, and proposing practical and feasible suggestions for the development of the world agricultural trade market. This work includes new scientific results that correspond to the professional 073 management.

In terms of content, scope of research, scientific novelty, practical significance and design, the dissertation work «Mechanisms of regulation of world agricultural markets in the context of globalization » meets the requirements of clauses 9, 10, 11 "The procedure for conducting an experiment for awarding the degree of Doctor of Philosophy ", approved by the Resolution of the Cabinet of Ministers of Ukraine N 167 on March 6, 2019, and its author, Zhang Fenghe, deserves to be awarded the scientific degree of Doctor of Philosophy in specialty 073 "Management".

**Official opponent:**

Doctor of Science in Public  
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Olena Volska

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Andrii Ben

February 8, 2024