

## RURAL ECONOMIC EMPOWERMENT THROUGH AGRIBUSINESS DEVELOPMENT: A REVIEW OF RECENT LITERATURE

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### **Abstract**

Rural economic empowerment through agribusiness development has become an important focus in efforts to improve community welfare and reduce economic disparities between urban and rural areas. The review in this study uses the literature method. The review shows that agribusiness development has the potential to increase farmers' income, create jobs, and drive local economic growth. However, to advance this, challenges such as limited access to capital and technology, as well as the need for more supportive policies, still need to be addressed. Thus, a holistic and collaborative approach involving various stakeholders is needed to maximise the positive impact of agribusiness-based economic empowerment initiatives in rural areas.

**Keywords:** Empowerment, Rural Economy, Agribusiness Development.

### **Introduction**

Rural economic development is one of the crucial aspects in the effort to improve people's welfare and reduce the gap between villages and cities. While agriculture has long been the backbone of rural economies, new challenges such as climate change, urbanisation and economic globalisation have created the need for more innovative and sustainable approaches to rural economic development.

Rural economic development is a series of planned and systematic efforts aimed at improving the welfare and quality of life of people in rural areas through optimising local potential, increasing productivity, and diversifying economic activities. (Putsenteilo et al., 2020). This process involves various aspects, including human resource development, sustainable utilisation of natural resources, strengthening infrastructure, improving access to markets and capital, and strengthening local institutions. Rural economic development does not only focus on the traditional agricultural sector, but also includes the development of small industries, rural tourism, and service sectors relevant to the local context. The ultimate goal is to create a rural

economy that is resilient, self-reliant, and able to compete in the context of national and global development. (Czech & Wielechowski, 2022)..

Agribusiness, as a system that integrates various aspects from agricultural production to final product marketing, offers great potential to address these challenges. Agribusiness development not only includes increasing agricultural productivity, but also involves adding value through efficient processing, distribution and marketing. (Kiprono et al., 2024)..

Agribusiness plays a vital role in rural economic development, becoming the backbone that sustains the welfare of rural communities. As an integrated system, agribusiness not only covers on-farm agricultural activities, but also encompasses the entire value chain from upstream to downstream, including the provision of production inputs, processing of agricultural products, and marketing of final products. This opens up vast economic diversification opportunities for rural communities, creates new jobs, and increases the added value of local products. As such, agribusiness has the potential to catalyse inclusive economic growth in rural areas, helping to reduce the rural-urban divide. (Balińska & Olejniczak, 2022)..

Furthermore, agribusiness development in rural areas contributes to food security at both local and national levels. Through increased productivity and efficiency in food production, agribusiness helps to ensure the availability of and access to quality food. In addition, modern agribusinesses that promote sustainable agricultural practices can help preserve the environment and rural natural resources. By adopting the latest technologies and innovations, agribusiness also plays a role in modernising the countryside, increasing the competitiveness of local agricultural products in the global market, and opening up access to new knowledge and skills for rural communities. Therefore, agribusiness development is a key strategy in a comprehensive and sustainable rural economic empowerment effort. (Rysz, 2020).

While there has been much research on agribusiness and rural development, recent developments in technology, policy, and global market dynamics require a comprehensive review of the current literature. This research aims to identify trends, best practices and innovations in agribusiness development that can contribute to rural economic empowerment. (Szymańska & Dziwulski, 2022)..

By reviewing recent literature, this study is expected to provide valuable insights for policy makers, development practitioners, and researchers in designing and implementing effective rural economic empowerment strategies through sustainable and innovative agribusiness development.

## **Research Methods**

The study in this research uses the literature method. The literature research method is a systematic approach to collecting, analysing and synthesising information from various written sources relevant to a particular research topic. This process

involves a comprehensive search of scientific literature such as books, academic journals, research reports, theses, and other credible sources, both in print and digital formats. (Adlini et al., 2022); (Raco, 2018). The researcher then evaluates the quality and relevance of these sources, extracts important data and findings, and integrates them to identify patterns, trends, knowledge gaps, and future research directions. This method aims to build an in-depth understanding of the state of the art in a particular field, provide a theoretical context for new research, and assist in the formulation of relevant and significant research questions. Literature research can also serve as a basis for developing a conceptual framework, research methodology, or as a standalone study to answer specific research questions without primary data collection. (Sugiyono, 2010).

## **Results and Discussion**

### **Recent Trends in Rural Agribusiness Development**

Agribusiness is a concept that incorporates all economic activities related to agriculture in a broad sense. This definition covers not only on-farm agricultural production activities, but also the entire range of related activities, from the provision of production inputs (upstream agribusiness), the agricultural production process itself (on-farm agribusiness), the processing of agricultural products (downstream agribusiness), to the marketing and distribution of final products to consumers (supporting agribusiness). Thus, agribusiness is an integrated and interdependent system, which connects various economic sectors in a comprehensive agricultural value chain. (Bragiel & Miś, 2020)..

The scope of agribusiness covers various interrelated aspects. In the upstream sector, it includes industries that provide production facilities such as seeds, fertilisers, pesticides, and agricultural tools. At the on-farm level, it includes crop cultivation, animal husbandry, fisheries, and forestry activities. The downstream sector involves the agro-processing industry, including small to large-scale agro-industries. Supporting agribusiness includes support services such as research and development, extension, financing, transport, and marketing. (Animashaun & Ajibade, 2020). In addition, agribusiness is also closely related to aspects of agricultural policy, supply chain management, information technology in agriculture, and sustainability and environmental issues. This breadth of scope makes agribusiness a complex and dynamic sector, with great potential to drive economic growth and rural development (Kharchenko et al., 2020). (Kharchenko et al., 2022)..

Recent trends in rural agribusiness development show a significant shift towards more sustainable and technology-based practices. One trend that stands out is the adoption of precision agriculture. This technology utilises satellite data, soil sensors and drones to provide accurate information on land conditions, allowing farmers to optimise the use of inputs such as water, fertilisers and pesticides. This not only

increases production efficiency but also reduces the environmental impact of agricultural activities. (Majka, 2020).

The integration of digital technology in the agribusiness value chain is also a growing trend. Agriculture-specific e-commerce platforms allow farmers to sell their products directly to consumers, eliminating middlemen and increasing profit margins. In addition, blockchain is being utilised to improve transparency and traceability in agribusiness supply chains, adding value to products through authenticity and quality assurance. (Stoychev & Ivanov, 2022)..

The focus on sustainability and environmentally friendly agriculture is increasing. Agroecological practices, organic farming and integrated farming systems are becoming more popular. This trend is fuelled by growing consumer awareness of food safety and the environmental impact of food production. Farmers in rural areas are starting to adopt these practices not only to meet market demands but also to maintain soil fertility and long-term biodiversity. (Tatarczak & Makuch, 2022).

Rural agribusiness development has also seen an increase in product diversification and value addition. Farmers no longer only focus on the production of raw materials, but are also starting to engage in simple to complex processing. Agritourism is becoming a growing trend, combining agriculture with tourism to create additional sources of income for rural communities. This not only increases farmers' income but also opens up new employment opportunities in rural areas. (Ozimek & Szlachciuk, 2020)..

Thus, the trend of agribusiness development in rural areas is towards a more integrated, technology-based and sustainable system. The adoption of digital technology, focus on sustainability, product diversification, and increasing added value are key in the transformation of rural agribusiness. These trends not only have the potential to increase farmers' productivity and income, but also encourage more inclusive and sustainable rural economic development. However, the successful implementation of these trends will depend on appropriate policy support, investment in infrastructure, and capacity building of farmers and other agribusiness actors in rural areas.

### **Impact of Agribusiness Development on the Rural Economy**

Agribusiness development has a significant impact on the rural economy, creating a comprehensive transformation in the structure and dynamics of the local economy. One of the main impacts is the increase in income of farmers and rural communities. Through product diversification, increased value addition, and broader market access, farmers can substantially increase their income. This not only improves the welfare of farming families but also increases the purchasing power of rural communities as a whole, which in turn fuels local economic growth. (Foris & Chirilas, 2022)..

Agribusiness development also creates new jobs in rural areas. In addition to employment in the primary agricultural sector, employment opportunities arise in the processing industry, logistics, marketing, and support services such as agricultural extension and technology. This diversification of employment reduces dependence on subsistence farming and provides alternative employment for young people in villages, potentially reducing urbanisation flows. Furthermore, the emergence of agribusiness-related small and medium enterprises (SMEs) strengthens the structure of the rural economy and encourages local entrepreneurship. (Kotyza & Smutka, 2022)..

Rural infrastructure has also undergone significant improvements as a result of agribusiness development. The need for efficient transport for product distribution led to the construction and improvement of roads. The development of storage, processing and marketing facilities for agricultural products increased investment in physical infrastructure in villages. In addition, the need for information and communication technology to support modern agribusiness drives improvements in internet access and telecommunication services in rural areas, which benefits other sectors of the economy and the quality of life of the community in general. (Fuga & Horska, 2022)..

Another important aspect is the enhancement of rural economic resilience. Diversification in agribusiness, including the development of high-value products and post-harvest processing, reduces dependence on a single crop or product. This makes rural economies more resilient to commodity price shocks or climate change. In addition, better integration with regional and global markets through agribusiness value chains opens up new opportunities for rural areas to participate in the broader economy, increasing their economic resilience in the face of global challenges. (Kazeem, 2020).

In conclusion, agribusiness development has a transformative impact on the rural economy. Increased income, job creation, improved infrastructure and enhanced economic resilience are significant positive impacts. However, it is important to remember that these benefits must be properly managed to ensure equitable distribution and sustainable development. Policies that support smallholders, promote sustainable agricultural practices, and facilitate access to markets and technology are essential to maximise the positive impact of agribusiness on rural economies. With the right approach, agribusiness development can be a major catalyst in rural economic transformation and empowerment, creating more prosperous and sustainable communities.

### **Challenges in Rural Agribusiness Development**

Rural agribusiness development faces a number of significant challenges. One of the main challenges is limited infrastructure. Many rural areas still lack adequate roads, storage facilities, irrigation systems, and access to information and communication technology. This inadequate infrastructure hampers production efficiency, increases

transport costs, and limits farmers' access to wider markets. As a result, farmers often experience difficulties in optimising their production and obtaining competitive prices for their products, which ultimately limits the development potential of agribusinesses. (Barszczewski & Żyła, 2022).

The second challenge relates to access to capital and financing. Smallholders and agribusiness entrepreneurs in rural areas often face difficulties in obtaining credit from formal financial institutions. This is due to a variety of factors, including lack of collateral, uncertainty of income from the agricultural sector, and financial institutions' high risk perception of agricultural businesses. This limited access to capital hinders investment in new technologies, enterprise expansion and productivity improvements, which are critical for sustainable agribusiness development. Lack of knowledge and skills is also a major challenge (Gołębiewski, 2022). Many farmers in rural areas still use traditional farming methods and have limited understanding of modern agribusiness practices, including supply chain management, marketing, and product quality standards. In addition, there are gaps in understanding of market trends, consumer demands, and agricultural regulations. The lack of relevant education and training limits farmers' ability to innovate, increase productivity, and adapt to market and technological changes. (Ślusarczyk & Sołek, 2020).

The fourth challenge is market volatility and climate uncertainty. The agricultural sector is highly vulnerable to commodity price fluctuations and unpredictable climate change. Smallholders often lack adequate mechanisms to manage these risks, such as farm insurance or long-term contracts. This uncertainty can reduce incentives for long-term investment in agribusiness and discourage farmers from adopting new practices or technologies that might increase their productivity but also increase financial risk. (Sołek & Ślusarczyk, 2022).

As such, rural agribusiness development faces multidimensional challenges that include infrastructure limitations, limited access to capital, lack of knowledge and skills, and market and climate risks. Addressing these challenges requires a comprehensive approach involving various stakeholders, including government, the private sector, educational institutions and non-governmental organisations. Investments in rural infrastructure, development of tailored financial products for the agricultural sector, enhancement of education and training programmes, and development of effective risk management systems are some of the key measures required. By effectively addressing these challenges, rural agribusiness development can become a key driver of inclusive and sustainable economic growth, improving the welfare of rural communities and contributing to national food security.

### **Strategies for Rural Economic Empowerment through Agribusiness**

The strategy of rural economic empowerment through agribusiness is an effective approach to improving the welfare of rural communities. One of the main

strategies is the development of an integrated agribusiness value chain. This involves strengthening the relationship between various actors in the value chain, ranging from farmers, processors, distributors, to retailers (Manasoe et al., 2022). (Manasoe et al., 2022).. By building mutually beneficial partnerships, farmers can gain better access to markets, get fairer prices for their products, and increase the added value of their agricultural produce. The implementation of this strategy can be done through the establishment of farmer cooperatives, the development of contract farming, and the facilitation of direct links between farmers and modern markets or processing industries (Bielik et al., 2022). (Bielik et al., 2022)..

Capacity and skills building of farmers is also a key strategy in rural economic empowerment. This includes the provision of relevant training and education on modern agricultural techniques, farm management and agribusiness entrepreneurship. These training programmes should be designed to meet the specific needs of local farmers and adapted to local agroecological conditions. In addition, the introduction and adoption of appropriate agricultural technologies can significantly improve productivity and efficiency. The use of digital technologies, such as mobile applications for market and weather information, can also empower farmers with the necessary knowledge for better decision-making. (Dannikov & Ivasko, 2020).

The third strategy focuses on diversification and processing of agricultural products. Encouraging farmers to not only produce raw materials, but also engage in product processing can increase their income substantially. This can start from simple processing such as drying, canning, or making other derivative products. The government and development agencies can support this initiative through the provision of affordable processing technologies, training on food safety standards, and assistance in brand development and marketing of processed products. Diversification is also important to reduce the risks associated with dependence on a single crop or product. (Hanggana, 2024).

Finally, the development of agribusiness support infrastructure is an important component of the rural economic empowerment strategy. This includes the improvement of village roads for easy access to markets, the construction of storage and warehousing facilities to reduce post-harvest losses, and the development of irrigation systems to increase agricultural productivity. In addition, providing access to financial services tailored to farmers' needs, such as microcredit or agricultural insurance, is critical to support investment and risk management in agribusiness. Information and communication technology infrastructure is also important to facilitate farmers' access to market information, extension services, and online marketing opportunities. (Dobošová et al., 2022)..

Thus, the strategy for rural economic empowerment through agribusiness includes several key aspects that are interrelated and supportive. The development of integrated agribusiness value chains helps link farmers to markets more effectively.

Improving farmers' capacity and skills through training and adoption of appropriate technologies increases productivity and efficiency. Diversification and processing of agricultural products open up opportunities for higher added value. Finally, the development of supporting infrastructure, including access to financial services and information technology, provides a strong foundation for sustainable agribusiness growth. The holistic and integrated implementation of these strategies has the potential to significantly improve the economic welfare of rural communities, create jobs, and promote sustainable village development.

## Conclusion

Rural economic empowerment through agribusiness development has shown significant potential in improving the welfare of rural communities. Key strategies identified include integrated value chain development, farmer capacity building, diversification of agricultural products, and strengthening supporting infrastructure. These approaches not only increase farmers' productivity and income, but also create new employment opportunities and promote sustainable local economic growth.

However, the implementation of these strategies still faces challenges, including limited access to capital, technology and markets, and the need for more supportive policies at the local and national levels. Nonetheless, evidence from various case studies shows that when implemented properly, agribusiness development can be a powerful catalyst for rural economic transformation. Therefore, a holistic and collaborative approach involving various stakeholders, including government, the private sector, research institutions and local communities, is required to maximise the positive impact of agribusiness-based economic empowerment initiatives in rural areas.

## References

- Adlini, M. N., Dinda, A. H., Yulinda, S., Chotimah, O., & Merliyana, S. J. (2022). Qualitative Research Methods of Literature Study. *Edumaspul: Journal of Education*, 6(1), 974-980. <https://doi.org/10.33487/edumaspul.v6i1.3394>
- Animashaun, J. O., & Ajibade, T. B. (2020). Climate variability, absorptive capacity and economic performance in Sub-Saharan Africa. *Journal of Agribusiness and Rural Development*, 55(1), 5-15. <https://doi.org/10.17306/j.jard.2020.01224>
- Balińska, A., & Olejniczak, W. (2022). CERTIFICATION OF HIGH-QUALITY FOOD PRODUCTS IN THE PERCEPTION OF STUDENTS. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 15-21. <https://doi.org/10.22630/esare.2021.5.1>
- Barszczewski, M., & Żyła, D. (2022). Economic rationality of students at Poznań universities. Does place of origin matter? *Journal of Agribusiness and Rural Development*, 65(3), 281-289. <https://doi.org/10.17306/j.jard.2022.01621>
- Bielik, P., Belinska, S., Beňuš, O., & Buliková, M. (2022). EVALUATING THE IMPACT OF TAX POLICY ON THE ASSETS OF AGRICULTURAL ENTERPRISES. *Economic*

- Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 22-28. <https://doi.org/10.22630/esare.2021.5.2>
- Brągiel, E., & Miś, T. (2020). CHANGES IN THE ORGANIC PROCESSING IN POLAND IN THE YEARS 2004-2017. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 52-59. <https://doi.org/10.22630/esare.2019.3.6>
- Czech, K., & Wielechowski, M. (2022). ARE AGRICULTURAL COMMODITY PRICES AFFECTED BY COVID-19? A STRUCTURAL BREAK IDENTIFICATION. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 37-42. <https://doi.org/10.22630/esare.2020.4.4>
- Dannikov, O., & Ivasko, I. (2020). FARM TAXATION POLICY IN UKRAINE AND POLAND. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 60-66. <https://doi.org/10.22630/esare.2019.3.7>
- Dobošová, Ľ., Bajusová, Z., Gurčík, Ľ., & Ladvenicová, J. (2022). FINANCIAL CONTROLLING AND LIQUIDITY MANAGEMENT IN AGRICULTURAL ENTERPRISES IN THE SLOVAK REPUBLIC. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 29-38. <https://doi.org/10.22630/esare.2021.5.3>
- Foris, D., & Chirilias, A.-M. (2022). DEVELOPMENT OF AGRITOURISM THROUGH THE CONCEPT OF LOCAL GASTRONOMY POINTS. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 43-48. <https://doi.org/10.22630/esare.2020.4.5>
- Fuga, V., & Horská, E. (2022). DUAL FOOD QUALITY IN SLOVAKIA VERSUS EUROPEAN STATES: ARE CUSTOMERS CONCERNED? *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 39-43. <https://doi.org/10.22630/esare.2021.5.4>
- Gołębiewski, J. (2022). *Economic Sciences for Agribusiness and Rural Economy*. In *Economic Sciences for Agribusiness and Rural Economy*. Warsaw University of Life Sciences Press. <https://doi.org/10.22630/esare.2021.5>
- Hanggana, S. (2024). Farmer Assessment of the Effectiveness of Empowerment Strategies to Increase Farming Profits. *AGRARIS: Journal of Agribusiness and Rural Development Research*, 10(2), 156-172. <https://doi.org/10.18196/agraris.v10i2.79>
- Kazeem, A. (2020). Economic efficiency of rice farming: A stochastic frontier analysis approach. *Journal of Agribusiness and Rural Development*, 58(4), 423-435. <https://doi.org/10.17306/j.jard.2020.01377>
- Kharchenko, V., Balanovska, T., Gogulya, O., & Kharchenko, H. (2022). COGNITIVE MODELLING OF AN EFFECTIVE SYSTEM OF INFORMATION SUPPORT OF AGRICULTURAL ENTERPRISES. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 55-60. <https://doi.org/10.22630/esare.2020.4.7>
- Kiprono, N., Gitau, R., & Chelang'a, N. (2024). Assessing the economic returns of modern and traditional beehives. *Journal of Agribusiness and Rural Development*, 72(2), 144-152. <https://doi.org/10.17306/j.jard.2024.01794>
- Kotyza, P., & Smutka, L. (2022). DRIVING FORCE OF ORGANIC FARMING IN THE CZECH REPUBLIC - MARKET DEMAND OR FINANCIAL SUPPORT? *Economic Sciences for*

- Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 70-77. <https://doi.org/10.22630/esare.2020.4.9>
- Majka, M. B.-. (2020). COLLECTIVE ACTION THEORY OF MANCUR OLSON ON THE EXAMPLE OF INTEGRATED FRUIT AND VEGETABLE PRODUCERS. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 46-51. <https://doi.org/10.22630/esare.2019.3.5>
- Manasoe, B., Mmbengwa, V. M., & Lekunze, J. N. (2022). Evaluating domains associated with economic empowerment of small-scale female agro-processors in South Africa. *Journal of Agribusiness and Rural Development*, 64(2), 115-130. <https://doi.org/10.17306/j.jard.2022.01533>
- Ozimek, I., & Szlachciuk, J. (2020). CONSUMERS' AWARENESS OF THEIR RIGHTS WHEN SHOPPING FOR FOOD ONLINE AMONG PEOPLE AGED OVER 45. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 89-94. <https://doi.org/10.22630/esare.2019.3.11>
- Putsenteilo, P., Klapkiv, Y., & Vovk, V. (2020). ADAPTATION PROCESSES OF THE AGRARIAN SECTOR FOR REALISATION OF THE EXISTING POTENTIAL. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 112-117. <https://doi.org/10.22630/esare.2019.3.14>
- Raco, J. (2018). *Qualitative research methods: Types, characteristics and advantages*. Query date: 2024-05-25 20:59:55. <https://doi.org/10.31219/osf.io/mfzuj>
- Rysz, M. (2020). CHANGES IN PRODUCTION AND VOLATILES OF FOREIGN TRADE FRUIT INDUSTRY IN POLAND OVER THE YEARS 2010-2017. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 124-130. <https://doi.org/10.22630/esare.2019.3.16>
- Ślusarczyk, B., & Sołek, K. (2020). THE DEVELOPMENT OF ENTREPRENEURSHIP IN RURAL AREAS IN PODKARPACKIE PROVINCE. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 131-138. <https://doi.org/10.22630/esare.2019.3.17>
- Sołek, K., & Ślusarczyk, B. (2022). ENVIRONMENTAL AWARENESS OF YOUNG CONSUMERS ON THE EXAMPLE OF STUDENTS OF THE UNIVERSITY OF RZESZÓW. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 62-69. <https://doi.org/10.22630/esare.2021.5.8>
- Stoychev, V., & Ivanov, B. (2022). COMPARISON OF COMPETITIVENESS BETWEEN BULGARIA, EU, USA, AND NEW ZEALAND DAIRY SECTORS. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 70-75. <https://doi.org/10.22630/esare.2021.5.9>
- Sugiyono. (2010). *Quantitative, Qualitative and R&D Research Methods*. Alfabeta.
- Szymańska, E., & Dziwulski, M. (2022). CHANGES IN THE ECONOMIC SIZE AND PRODUCTION DIRECTION IN FARMS AS A RESULT OF INVESTMENTS IN FIXED ASSETS. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 92-100. <https://doi.org/10.22630/esare.2020.4.12>
- Tatarczak, A., & Makuch, A. (2022). COMPARISON OF THE LIFE STANDARDS OF INHABITANTS IN EASTERN AND WESTERN POLAND. *Economic Sciences for Agribusiness and Rural Economy*, Query date: 2024-11-21 19:34:24, 82-87. <https://doi.org/10.22630/esare.2021.5.11>