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AGRARIAN TERMINOLOGY IN MODERN ENGLISH AS A TOOL OF PROFESSIONAL COMMUNICATION

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Agrarian terminology in modern English plays a crucial role in professional communication within the agricultural sector. The study reviews agrarian terminology not only as a linguistic system but also as an essential instrument for knowledge transfer and effective communication in the global agricultural environment. The aim of this paper is to examine agrarian terminology in modern English as a tool of professional communication.

Agrarian terminology in modern English reflects both traditional agricultural practices and innovative technological developments. It serves as a key tool for communication between specialists in different countries and disciplines and encompasses a wide range of lexical units that describe various aspects of agricultural activity.

Agrarian terminology can be classified into several major categories based on their function and field of application. The first category includes terms related to agricultural machinery and equipment. These terms are essential for describing technical processes and tools used in farming. Examples include *tractor*, *plough*, *seeder*, *sprayer*, and *combine harvester*. These terms are widely used in both professional communication and technical documentation. The second category refers to crops and livestock. This group includes names of cultivated plants and domesticated animals, such as *wheat*, *barley*, *soybeans*, *poultry*, and *livestock*. These terms are fundamental for discussing agricultural production and food supply. Another important group includes processes and farming methods, such as *irrigation*, *fertilization*, *crop rotation*, and *tillage*. These terms reflect different stages of agricultural activity and are crucial for both theoretical and practical communication.

Additionally, agrarian terminology includes professional roles and occupations, such as *agronomist*, *farm manager*, and *veterinarian*. These terms define the participants of agricultural production and management. Finally, economic and legal terminology plays an important role in agribusiness communication. Terms such as *agribusiness*, *subsidies*, *land lease*, and *organic certification* reflect the economic dimension of agriculture.

Let’s reveal the impact of technological innovations on agricultural terminology. The development of modern technologies has significantly influenced agrarian terminology. In the 21st century, agriculture has undergone a digital transformation, leading to the emergence of new concepts and lexical units. One of the most important innovations is *precision agriculture*, which involves the use of GPS systems, sensors, drones, and data analytics to optimize farming processes. This concept reflects a shift toward data-driven decision-making in agriculture.Another important term is *smart farming*, which refers to the integration of information technologies into agricultural practices. It includes automated systems, artificial intelligence, and digital monitoring tools.

The term *agtech* (agricultural technology) has also become widely used to describe technological innovations in agriculture. It includes robotics, blockchain technologies, and advanced software systems. In addition, terms such as *climate-smart agriculture* highlight the growing importance of sustainability and environmental protection in modern farming. These terms demonstrate how language evolves in response to global challenges. Thus, technological progress not only transforms agricultural practices but also enriches and expands agrarian terminology.

Globalization has also significantly influenced the development of agrarian terminology. English has become the dominant language of international communication in agriculture, which leads to active borrowing of English terms by other languages. Many Ukrainian agricultural terms

are directly borrowed from English, such as *grain trader*, *agritourism*, *agricultural holding*, and *feedlot*. These borrowings reflect the integration of Ukrainian agriculture into the global market. Moreover, interlingual interaction is not limited to borrowing. English itself incorporates terms from other languages, especially in the context of traditional farming practices, such as *terrace farming*.

Globalization contributes to the formation of a unified agricultural terminology that facilitates communication between specialists from different countries. This process enhances knowledge exchange and supports international cooperation. Agrarian terminology is widely used in academic publications, textbooks, technical manuals, and training programs. In scientific discourse, precise terminology is essential for accurate description and analysis. For example, terms such as *soil erosion*, *salinity*, *organic matter*, and *nutrient cycling* are used to describe complex processes in soil science. In education, agrarian terminology is a key component of ESP (English for Specific Purposes) training. Students of agricultural specialties must acquire professional vocabulary to participate in academic and professional activities. In professional communication, terminology ensures clarity and efficiency. It is used in international conferences, business negotiations, and collaborative projects. Without a shared terminological system, effective communication would be impossible.

Despite its importance, agrarian terminology presents several challenges for translation. One of the main difficulties is the lack of direct equivalents in different languages. Some terms may have multiple meanings depending on context. For example, the word *grain* can refer both to a specific type of crop and to a general category of agricultural products. This polysemy complicates translation and requires contextual understanding. Another challenge is the use of abbreviations and acronyms, such as *GMO*, *NPK*, *IPM*, and *FAO*. Translators must be familiar with these terms and their meanings. In addition, differences in agricultural practices and classifications between countries may lead to misunderstandings. Therefore, translators must possess both linguistic competence and subject-specific knowledge.

To sum up, agrarian terminology in modern English is a dynamic and complex system that reflects both traditional agricultural practices and modern technological innovations. It serves as a key tool of professional communication in agriculture, enabling effective interaction among specialists worldwide. The study has shown that agrarian terminology performs several important functions: it facilitates knowledge transfer, supports scientific research, and ensures efficient professional communication. Technological progress and globalization continue to shape and expand this lexical system. At the same time, the translation of agrarian terminology remains a challenging task that requires interdisciplinary competence.

In conclusion, mastering agrarian terminology in English is essential for future professionals in agriculture, as it enhances their ability to participate in international cooperation and adapt to the rapidly changing global environment.

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