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## **WAYS TO IMPROVE THE PERSONNEL TRAINING SYSTEM IN THE CONTEXT OF INNOVATIVE DEVELOPMENT OF AGRICULTURE**

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Agriculture is one of the main pillars of the economy in the Republic of Uzbekistan, and its modernization requires the training of qualified and innovative-thinking personnel. In recent years, the widespread introduction of digital technologies, smart irrigation systems, biotechnologies, and modern management methods has required a new approach to the personnel training system. Innovation is a process aimed at introducing new ideas, implementing scientific and technological achievements into practice, and increasing production efficiency.

In agriculture, innovations are manifested through the following aspects: management of land and water resources based on digital technologies, the use of smart irrigation systems, monitoring crops and analyzing productivity using drones, creating new varieties and species based on biotechnologies, as well as applying advanced technologies in the processing and storage of agricultural products.

The first direction of improving the personnel training system is the introduction of digital educational technologies. The use of digital tools in the modern educational process makes education more interactive, individualized, and effective. This approach includes enriching traditional teaching methods with computer programs, mobile applications, virtual laboratories, online platforms, and simulation-based training. As a result, the opportunity to receive education expands regardless of geographical and time limitations, the learning process can be monitored in real time, and an individualized approach can be implemented. For example, platforms such as "AgroSmart" and "e-Learning" serve to develop distance education.

The second direction is the expansion of the dual education system. This system aims to combine theoretical knowledge with practical experience and prepares students for real working conditions. Dual education increases efficiency through the introduction of modern technologies and advanced management methods and plays an important role in strengthening the country's economic development and innovative potential.

The third direction is the improvement of innovative research centers. These centers serve to integrate scientific research with production and economic development. The main directions of improvement include the introduction of advanced scientific methods and technologies, training qualified personnel, developing laboratory and testing infrastructure, as well as expanding international cooperation and grant projects. This will enable these centers to reach global standards and accelerate the process of creating innovative products.

In conclusion, improving the personnel training system in the context of innovative agricultural development is a key factor not only for the education system but also for increasing the competitiveness of the entire agricultural sector. Qualified specialists with innovative thinking play a decisive role in the effective implementation of new technologies in agriculture, rational use of resources, and ensuring food security.

Keywords: agriculture, innovative development, AgroSmart, e-Learning, personnel training, education system, competence, digital technologies.

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