

PRACTICAL ASPECTS OF IMPLEMENTATION OF UNMANNED AIRCRAFT IN CROP PRODUCTION OF KBR

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Innovative development in the agro-industrial complex of the Kabardino-Balkarian Republic is feasible with the integrated use of science-intensive factors of production in economic, technological and organizational-management activities. In this connection, a set of institutional solutions is required aimed at increasing innovative activity in the field of agriculture and ensuring the transfer of technologies used in the agro-industrial complex. There is a need to introduce advanced achievements of science and technology into industrial practice, modernizing agricultural parks - machines for the agricultural sector with replacement by unmanned aerial vehicles. The article is devoted to the use and development of innovative technologies in agriculture, the practical use of unmanned aerial vehicles in the Kabardino-Balkarian Republic. Calculations of the octo-copter service for corn desiccation, calculations of the price of the service and calculations of the profitability of the provision of services for spraying agricultural crops using unmanned aerial vehicles (UAVs) are presented. It is proposed to conduct informational, advisory work on the introduction of innovative technologies, robotic systems in agricultural production, in particular crop production, where new projects can be successfully implemented.

Keywords: robotization of agricultural production, agroindustrial complex, crop production, plant protection, corn desiccation, agriculture, unmanned aerial vehicles, introduction of innovative technologies, agricultural sector, UAVs, drones.

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