

An innovative tractor has been created

Representatives of the Ministry of Innovation Development led by Deputy Minister of Innovation Development Olimjon Tuychiev visited Republican scientific-practical conference "Innovative development of Bukhara region: problems and solutions", organized by Bukhara State University on February 1, 2011. During their visit they examined a tractor created by craftsmen in Jondor district of Bukhara region. The improved innovative tractor was developed by Profesor-teachers of "Tractors and Automobiles" Department headed by Academician Akil Salimov: Shavkat Imomov, Asil Kamilov and Shukhrat Suvonov, residents of Jondor district of Bukhara region Shakhob Koryogdiev and Shukhrat Suvonov. The tractor has a new damping device that has never been used on suspension and wheel tractors, which can reduce the tractor's vibrations by 7-8 times. According to the masters, the installed engine capacity is 152 horsepower, which, as it is known, uses biogas for such engines, whose capacity fully meets the requirements for the tractors operating in this class. The tractor is equipped with 4 biogas cylinders. One of the main features of the tractor is that it saves twice the amount of consumed hydrocarbon fuel compared to this type of tractor. All of the tractor's wheels are designed to be effective in heavy agricultural work (plowing). The total weight is 3200 kg. This does not have a negative impact on soil compaction, such as tractors weighing more than 10 tonnes. Also, the creators of the new tractor managed to patent. Ministry officials and inventors have exchanged views on the creation of workshop for the production and modernization of such unique tractors, based on domestic and foreign market requirements.



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