

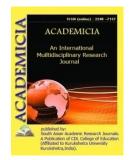
ISSN: 2249-7137

Vol. 11, Issue 9, September 2021

Impact Factor: SJIF 2021 = 7.492



ACADEMICIA An International Multidisciplinary Research Journal



(Double Blind Refereed & Peer Reviewed Journal)

DOI: 10.5958/2249-7137.2021.01956.X

THE RESULTS OF EXPERIMENTS THE WIDTH OF THE SOIL DEEPER LIKE GOUGEAND ITS IMPACT ON STUDYING PERFORMANCE

Tuxtakuziev A*; Khasanov U.I**; Ochilov M.Z***

* Professor, Doctor of technical sciences, Scientific–research institute of agricultural mechanization, UZBEKISTAN Email id: abdusalim_1950@mail.ru

**External doctorate student, Bukhara branch of the Tashkent Institute of Irrigation and, Agricultural Mechanization Engineers, UZBEKISTAN Email id: Ulugbek.hasanov.1989@mail.ru

***Student, Bukhara branch of the Tashkent Institute of Irrigation and, Agricultural Mechanization Engineers, UZBEKISTAN Email: achilovnuriddinjon1994@gmail.com

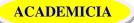
ABSTRACT

This article describes the results of experiments on improving the design of energy-saving, deepening plow and studying the effect of the width of the trench depth on its performance, which allows to soften the subsoil without compaction, along with plowing.

KEYWORDS: *Plow, Overturner, Soil Deepener, Softener Like Gouge, Longitudinal Beam, Lock, Drive Underlayment, Berch Compensation, Energy Consumption, Crushing Quality, Compacted Walls Furrows.*

REFERENCES:

1. Resolution of the President of the Republic of Uzbekistan Sh. Mirziyoyev "On additional measures to further increase the level of technical equipment of agriculture" No PP-3459. January 4, 2018.



ISSN: 2249-7137 Vol. 11, Issue 9, September 2021 Impact Factor: SJIF 2021 = 7.492

- **2.** Murtazoev A.N. Interim report on the project of young scientists on "Substantiation of improved depth parameters for plows in basic tillage". 2018 y.
- **3.** UzDSt 3193: 2017 "Testing of agricultural machinery. Method of energy evaluation of machines "// Official publication. Tashkent, 2017. 21 p.
- **4.** Augambaev M., Ivanov A.Z., Terexov Yu.I. Base planning of scientific- research experiments. Tashkent: Teacher, 1993. 336 p.
- **5.** Spirin N.A., Lavrov V.V. Methods of planning and processing the results of engineering experiments. Ekaterinburg: GOU VPO Ural State Technical University. UPI, 2004. 258 p.