ACADEMICIA

ISSN: 2249-7137 Vol. 11, Issue 8, August 2021 Impact Factor: SJIF 2021 = 7.492

ACADEMICIA
An International Multidisciplinary Research Journal
(Double Blind Refereed & Peer Reviewed Journal)

DOI: 10.5958/2249-7137.2021.01826.7

DETERMINATION OF GRAVITY RESISTANCE OF THE PAWL STRUCTURE DEVICE BETWEEN COTTON ROWS IN ONE PASS OF THE AGGREGATE

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ABSTRACT

The article describes the results of theoretical research to determine the traction resistance of the device, which forms a longitudinal pawl between cotton rows in one pass of the unit. This leads to a relative decrease in productivity due to high energy and resource consumption in the process of pawl formation between rows and additional density between rows. Typically, the work performed during the sowing and cotton growing periods is almost the same in all regions, differing only in the reclamation condition of the soil, mainly in the preparation of land for planting and irrigation of cotton, the number of irrigations of cotton. The two sides of the pawl are sanded and compacted using skies 6 to prevent the soil on both sides of the pawl being formed from flowing and invading the cotton.

KEYWORDS: *Pawl, Mechanization, Aggregate, Energy Saving, Frame, Overturned Surface Working Body, Protective Sheath, Grinding-Compacting Ski, Productivity.*

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