CAGE WHEEL FOR TRACTION IMPROVEMENT IN POWER TILLER

Piyush Pradhan* and Ajay Verma

Department of Farm Machinery and Power
Indira Gandhi Krishi Vishwavidyalaya Raipur India
Email: piyushpradhan202@gmail.com

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Abstract: Cage wheel is important traction improvement device in wet puddle soil condition. In India rice is an important crop for crop production and produced first crop as well as second crop where required puddle field condition during the field operation with machine no of losses such as trafficability of the surface layer is very poor, increased energy consumption, fuel consumption, soil hardpan, plant debris etc. The cage wheel, in particular, provides a floating effect to the power tiller in wet paddy fields, in addition to puddling the soil, use of suitable cage wheel allow well puddle condition and energy saving operation in wet land.

Keywords: Cage wheel, Traction, Sinkage, Slippage, Drawbar power

REFERENCES

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*Corresponding Author


