



Three-body abrasive wear behavior of Agricultural Plough Tool

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Effect of Cryogenic treatment and Hardfacing technique on Plough Tool | India has been known as an agricultural country. Agriculture is the backbone of Indian Economy. Agriculture support livelihoods of nearly 70 % of India s rural population. Tillage in agricultural is one of the fundamental phases of agricultural mechanization. In tillage system, plough tool is the most important tillage component has been used in India since antiquity. It reduces the soil erosion, recurring labor, labor cost, downtime, fuel consumption to automotive and draft force. The most widely recognized function of Ploughing is seedbed preparation and seed placement. The presently using Plough tools having low abrasive wear and corrosion but good impact resistant are inactive in weed control, soil erosion, the cost and down time in replacing worn out tools are enormous and leads to low tillage efficiency. These Plough tools are common in use generally un-preferred since they lower efficiency and increase tiredness of the animal, tractor and operator. In the current project work the abrasive wear resistance of agricultural Plough tool was developed by Hardfacing technique and investigated the effect of cryogenic treatment. | Format: Paperback | Language/Sprache: english |...



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