

E Agro Cart: Agriculture Equipment Rental System

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Abstract: Agriculture is a labor-intensive sector, requiring a lot of machinery for agriculture. In comparison to workers, these machines are able to finish tasks in agriculture considerably sooner. The machinery used for farming or other agricultural purposes are referred to as "farm equipments." The various types of machinery used in agriculture include tractors, harvesting tools, mower conditioners, tillage tools, and other farming equipment. However, these machinery and gear are frequently very pricey, and every farmer cannot afford to buy them. The high price of purchasing new farm equipment and its corresponding high costs of upkeep increase the demand for farm rental services. This website provides a system for renting agricultural machines and vehicles called E-Agro Cart that allows farmers to get the latest data for farming and farm machinery such as tractors, tillers, rotavators, etc. Farmers can rent farming equipment and machinery through this website and perform all tasks related to farming while sitting at home. Farmers use rental services to earn some profit by balancing the costs of keeping their farm equipments. In order to avoid paying an immense amount of capital as a down payment on essential farm equipment, leasing out machinery for agriculture helps farmers to harvest their crop on time. Also, the agricultural operation is not profitable, farmers might find it hard to afford getting heaviest farm equipment. In spite of improving the efficiency of the agricultural machinery that is already accessible, this approach will help individual farmers who are willing to rent out their equipment and machinery for farming to improve their agricultural income. This system will offer farmers an area to buy and rent used agricultural machinery.

Keywords: Farmer Equipment on rent system, e-agro cart application, online equipment hire.