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(57) Abstract :

PORTABLE SUGAR CANE HARVESTER ABSTRACT This invention relates to development of sugarcane harvester with less manufacturing cost. Now a days, there are needs of fast production of agriculture product and day by day labor demand also increased. Instead of manual harvesting harvesting machine is used. This machine is easily portable. In this invention the machine can cut the two sides from the upper and lower portion of sugarcane. The machine is completely electrical with the help of motor and the height of the upper blade is adjustable. The machine can cut the two sides from the upper and lower portion of the sugarcane. This machine will reduce the harvesting time and increase productivity. The machine also reduce labor fatigue and labor efforts. This invention will support the all class farmers and reduce their issues. Comparing with manual harvesting only 10% of labor are required for entire operation. So, it reduces the labor cost and process become faster and easy. The machine is used by maximum number of farmers definitely and farmer can overcome the labor shortage problem. The productivity is also increased. Our project is based on two important sustainable development goal - responsible and consumption production industry innovation and infrastructure.

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