

Project Report
on
***DESIGN AND FABRICATION OF PLASTIC MULCH
LAYER FOR AGRICULTURE USE***



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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in

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ABSTRACT

Today India ranks second in worldwide in farm output. Agriculture is demographically the broadest economic sector and plays a significant role in over all socio-economic fabric of India. As per the 2010 FAO world agriculture statistics, India is the world's largest producer of many fresh fruits, vegetables and major spices.

In this project we are trying to design and fabricate modern equipment with simple design and zero complexity with lesser affordable price for the field of agriculture. So that it reduces the number of labours, the time consumption and with more accuracy of work as the results it directly reduces over all production cost and improved profit. By the conventional process for installation of plastic mulch layers, we will come to know the problems that we are going make them easier Plastic mulch layer is used to lay plastic mulch on the bed and secure it with soil. Mulch layer have a press pan for smoothing out and levelling the soil. It is designed to lay plastic flat on the ground only.

From this project we can reduce the time consumed (40-50 mulch layers can be installed including the installation of drip pipes 5 hours is more than enough from only one labour).