



## Design and Development of Agricultural Wastes Shredder

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By Vinaychandra Vagadia

GRIN Verlag Gmbh Mai 2014, 2014. Taschenbuch. Book Condition: Neu. 211x9x8 mm. Neuware - Master's Thesis from the year 2008 in the subject Agrarian Studies, grade: 7.31, Junagadh Agricultural University (College of Agriculture), course: Farm Power and Machinery, language: English, comment: Our department conducted the project titled ' Modification and Evaluation of Agricultural Residues Shredder' on above developed Shredder and committee released the same machine during 2007-08. , abstract: It is seen that large quantities of agricultural crop residues are being wasted. A major disadvantage of most recyclable waste is their bulk i.e. it requires a large space for accommodation. It has been observed by bio-scientists that if the waste is burnt, this affects the soil microflora, results in loss of nitrogen and organic matter. Most bulky residues need some type of pre-incorporated physical processing or shredding to facilitate their rapid decomposition and mixing with the soil. It has been an established fact that finer particles (4 to 5 cm) decompose faster as compared to large particles. Shredder is ideal for disposal of course leaves, garden and agricultural wastes. Such as twinges, small branches, flower stalks straw, tree pruning etc. This scientific way returns the nutrients back to the soil...



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