

Untersuchung von Reisanbau und Nachernteverlusten bei Kleinbauern in Madagaskar

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abstract

Worldwide Post Harvest Losses add up to an average of one third of the produced agricultural commodities. Their reduction has gained more and more importance in the given situation of about one billion malnourished and hungry people especially as an increase in production by higher yields and an expansion of the cultivated area reaches its limits. In particular for the smallholders in developing countries an improved post harvest technology has a big potential to raise the availability of urgently needed food.

The subject of the present work was the appraisal of the rice cultivation system, the Post harvest sector and the losses of smallholders in Madagascar with the objective to identify approaches for technical and process related improvements. The local investigation confirmed the need for action in this regard. At the same time it became apparent that for a reasonable melioration the entire cultivation system has to be addressed. Facing a precarious food supply situation as a result of yields that are far below the national average, too little fertile soil and considerable Post Harvest Losses it is necessary to establish more efficient cultivation systems, to handle a purposeful revitalization of barren lands and a to initiate a reduction of losses by simple technical procedures. A special challenge consists in the introduction of alterations in a traditional community that is determined by ancestor worship and numerous taboos.