

## CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE, MYSORE

### READY-TO-EAT MALTED RICE BASED WEANING FOOD

#### INTRODUCTION

Weaning food is a semi-solid food given to an infant in an age group of 6 months to 2-3 years. Weaning foods are generally texture modifications of adult foods to make them easily digestible and promote healthy growth of a child. Rice, being a staple food for nearly two-thirds of world's population, is known for easy digestibility and non-allergic properties. It is also known for oryzanol and vitamin B contents. It is well reported that germinated brown rice contains more health beneficial food components compared to its well milled counterpart. Malting generally improves the taste and the quality of the nutrients of a product. Supplementing malted cereal with malted legume generally increases both the quantity and quality of the proteins of the final product.

#### RAW MATERIAL

Paddy, green gram, milk powder etc.

#### PLANT AND MACHINERY

Destoner, Steeping tanks, Drier, Huller, Aspirator, pulveriser, drum drier, boiler, sifter, ribbon mixer,

#### PROJECT COST – FIXED COST – WORKING CAPITAL (in Rs. '000) (Estimate for a model project)

a)	Land & land development	500
b)	Building & civil construction	1875
c)	Plant and machinery	6424
d)	Miscellaneous fixed assets	100
e)	Pre-operative expenses	350
	Total fixed capital	6948
	Working capital margin	1274
	<b>Total Project cost</b>	<b>12023</b>

#### PRODUCTION CAPACITY

Daily production: 500 kg finished product/day/Shift  
Working: 300 days

#### TECHNOLOGY/MANUFACTURING PROCESS – Availability

CFTRI has standardized the technology and general methods of preparation of ready-to-eat malted weaning food. Apart from this procedure for quality control, packaging and packaging material specifications, equipment details are also provided by the institute.