

CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE, MYSORE

READY-TO-EAT MALTED WEANING FOOD BASED ON MULTICEREALS

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. Wheat and ragi exhibit excellent malting characteristics, while rice is known for easy digestibility. Malting all these three cereals and combining them uniquely, improves both the taste and nutritional quality of the end product. Weaning foods based on malted cereals are still scanty in the present market. Supplementing malted cereal with malted legume generally increases both the quantity and quality of the proteins of the final product.

RAW MATERIAL

Paddy, wheat, ragi 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
	Total Project cost	12023

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.