

CENTRAL GRAIN ANALYSIS LABORATORY, NEW DELHI

MANUAL - 1

ORGANISATION, FUNCTION AND DUTIES OF CENTRAL GRAIN ANALYSIS LABORATORY

INTRODUCTION;

Central Grains Analysis Laboratory (CGAL) was set up in Department of Agriculture in 1945 and housed in Jam Nagar House, New Delhi. In its initial phase, CGAL catered to the need of analyzing samples of foodgrains, mainly wheat and wheat flour, when Government used to allocate wheat from the Central Pool on a regular basis to Roller Flour Mills. Subsequently, on separation of the Department of Food from the Ministry of Agriculture, the CGAL continued functioning under the Department of Food. When the offices of the Ministry of Agriculture were shifted to Krishi Bhawan in 1956, the CGAL was also relocated from Jam Nagar House to Krishi Bhawan. With change in mandate and functions of the Department of Food, work of the CGAL has expanded. Presently the CGAL is housed on 5th Floor of Krishi Bhawan.

AIMS, OBJECTIVES

CGAL cater to the requirement of the Department by way of assessing quality of Central Pool foodgrains through analysis of foodgrains samples collected from FCI, CWC and State agencies stocks during, procurement, storage and distribution. Under Food Safety & Standard Authority (FSSA) Act, 2006, maximum limits of various refractions and adulterants in different food items have been prescribed to ensure that these are fit for human consumption. In case of foodgrains, levels of various refractions like presence of foreign matter, damaged

grains, mycotoxin contamination, uric acid, etc. are also prescribed. Before onset of Rabi and Kharif Marketing Season, uniform specifications of foodgrains procured under Minimum Support Price for Central Pool are formulated. Foodgrains samples are analyzed in CGAL to ascertain the quality in conformity with prescribed uniform specifications.

FUNCTIONS AND DUTIES OF CGAL

The CGAL presently carries out the following work:

- (i) Based on analysis of foodgrain samples, assessment of quality of the foodgrains that are procured for the Central Pool, stored and distributed under Targeted Public Distribution System (TPDS) and Other Welfare Schemes (OWS) by Food Corporation of India (FCI) and State agencies.
- (ii) Based on the analysis of foodgrain samples, formulation of uniform specifications of quality of foodgrains for their procurement under the MSP operations.
- (iii) Classification of paddy or rice received from State Governments as Grade 'A' and 'common' varieties.
- (iv) Assessment of quality of imported and / or exported foodgrains vis-à-vis contractual specifications as and when required.
